Table of Contents

Hunter College and The City University
The Academic Program
Admissions
Tuition and Fees
Financial Aid
Program of Study
  Degrees and Requirements
  Distribution Requirements
  Program Planning
  Special Programs
Academic Policies and Regulations
Grading Systems
Academic Honors
Miscellaneous Regulations
College Government
Services Available to Students
Course Designations
Academic Skills/SEEK
Anthropology
Art
Biological Sciences
Black & Puerto Rican Studies
Chemistry
Chinese
Classical & Oriental Studies
  Classics
  Greek
  Latin
Communications
Comparative Literature
Computer Science
Dance
Economics
Education
Energy Policy Studies
English
English Language Arts
Environmental Science Studies
Geology & Geography
German
Health & Physical Education
Health Sciences
  Interdisciplinary Courses
  Communication Sciences
  Community Health Education
  Environmental Health Science
  Medical Laboratory Sciences
  Physical Therapy
Hebrew
History
Home Economics
Honors Curriculum
Inter-American Affairs
Interdisciplinary Courses
Jewish Social Studies
Mathematical Sciences
Music
Nursing
Philosophy
Physics & Astronomy
Political Science
Psychology
Religion
Romance Languages
French
Italian
Spanish
Portuguese
Russian & Slavic Languages
Sociology
Theatre & Film
Urban Affairs
Women's Studies
Special Programs
  CUNY Baccalaureate
  Independent Learning by Achievement Contract
  Orientation Seminar
Degree, Certificate, and Diploma Programs
Faculty
Administrative Personnel
Student Regulations and Rights
Abbreviations
Index
Hunter College

Hunter College, the second oldest college in the City University of New York, is a coeducational, fully accredited college, with a large and diversified faculty in the liberal arts and sciences and in several professional schools. In most of its programs the College offers both undergraduate and graduate degrees.

Originally called Normal College, the school was founded in 1870 by Thomas Hunter to educate young women who wished to be teachers. Its growth to its present size and complexity was gradual. The institution took its present name in 1914. Evening classes were begun in 1910. Graduate studies were introduced in 1921 for both men and women, and in 1964 the entire College became coeducational.

The City University of New York, bringing together all the city’s senior and community colleges, was formed in 1961. CUNY is governed by the Board of Trustees, which sets the general policies and rules the operation of the separate colleges. Within this common framework, each college selects its own faculty and constructs its own programs in accordance with its particular educational aims and its understanding of the way these can best be reached with its own students.

Hunter College and the Aims of Education

A liberal education should help men and women to bring a rich and informed sense of the possibilities of humanity to their careers, to their public responsibilities, and to their personal lives. This aim is basic to Hunter’s educational philosophy.

Hunter offers training in both the sciences and the humanities, and schooling in a number of professional fields. As they work toward their career goals, students are expected to reach a broader understanding of the place of their chosen fields of study and work in the wider realms of knowledge and of society. The Hunter College Senate has articulated this goal in a recent policy statement:

"While preparation for specific careers is actively encouraged in many programs," the Senate statement declares, "the fundamental aim of the college experience as a whole is to develop a student’s rational, critical, and creative powers. Such development involves the abilities to conceptualize and analyze, to relate the concrete and particular to the abstract and general, and to think and write logically and coherently. It also includes a broadening and deepening of outlook: an awareness of one’s own and other cultures as well as the enduring questions—and answers—concerning being, purpose, and value that have already confronted humanity. And it encourages the heightening of aesthetic sensibility and intellectual imagination. Finally, the educational experience at Hunter is intended to inspire a zest for continued learning as well as to bring the recognition that learning is pleasurable and knowledge is useful."
The Academic Program

The undergraduate programs lead to the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts, and Bachelor of Music. Each program of study provides students with skills to attain competence in a specialized field as well as a foundation of general knowledge. The fields of concentration may be chosen from the general areas of the fine arts, the humanities, the language arts, the sciences, the social sciences, and the applied arts and sciences. The Hunter–Bellevue School of Nursing and the School of Health Sciences, among the nation's largest schools educating health-related professionals, offer both undergraduate and graduate programs.

The School of General Studies (Evening Session) serves students pursuing an undergraduate degree primarily but not exclusively after 5 pm. Full-time or part-time, such students seek class hours that do not conflict with employment and family responsibilities. An associate dean ensures that student services and academic programs meet the needs of these students. Non-degree students in the School of General Studies (SGS) are those who, because they already have a degree or for other reasons, are taking courses but do not intend to pursue a degree program.

Graduate students may matriculate for any one of 13 master's degree programs in the arts and sciences, education, the School of Health Sciences, the School of Nursing, and the School of Social Work. In addition, the graduate program in teacher education includes courses leading to post-master's certificates in several different areas. Details of the graduate programs are available in the offices of the divisional and school deans of each area, as well as in the Hunter College Library.

The International English Language Institute offers courses in English as a second language to students from all over the world. Classes are held from 2 to 20 hours a week, day and evening, Monday through Saturday.

The Hunter College Elementary School (nursery, kindergarten, and grades 1–8) and The Hunter College High School (grades 7–12), both coeducational, serve as demonstration schools and research facilities for the teacher education program.

ENROLLMENT

Hunter's total enrollment is over 17,500. Of these about 8500 are full-time undergraduates. An additional 6000 part-time students are divided between degree and non-degree programs. Over 3000 graduate students are in the arts and sciences and teacher education programs, the Schools of Social Work, Health Sciences, and Nursing.

ACCREDITATION

Hunter is fully accredited by the Board of Regents of the University of the State of New York, The Middle States Association of Colleges and Secondary Schools, the National Council of Accreditation of Teacher Education, and the Council on Social Work Education. In addition, Hunter has been included in the lists of approved colleges by the American Chemical Society, the American Dietetics Association, the National League for Nursing, and the New York State Board of Certified Public Accountant Examiners.

ALUMNI ASSOCIATION

The Alumni Association of Hunter College—composed of 65,000 women and men graduates of the College—has been in continuous existence since 1872. Membership is automatic upon graduation from any of the degree programs offered by the College.

The association serves as the link between the College and its graduates through activities such as the Fall Homecoming, the Spring Luncheon, career conferences for students, and the Annual Meeting, and through The Hunter Magazine. It selects and honors members of the Hunter Hall of Fame from among distinguished graduates nominated by alumni. On its own and through its membership on the Committee for Public Higher Education, it stands in the forefront of the battle to obtain adequate funding for the College.

The Scholarship and Welfare Fund of the Alumni Association raises and administers The Hunter Fund as well as funds for 4 different categories of financial awards to needy students of high academic standing. These awards are detailed on p. 13 under "College Programs." In 1981–82, 263 students received $270,000 from this fund, which was established and incorporated by a small group of alumnae in 1949. In addition, through the Scholarship and Welfare Fund not only provides scholarship aid but also enriches instructional resources not provided for in the public budget.
Admissions

All inquiries concerning undergraduate admissions should be addressed to the Admissions Office, Hunter College, 695 Park Ave., New York City, NY 10021.

GENERAL STATEMENT
Students may apply for admission to the College for either (a) degree status (matriculation) or (b) non-degree status (non-matriculation).

DEGREE STATUS (MATRICULATION)
A matriculated student is one who has met all requirements for admission and who has been formally admitted to a degree program. A matriculated student may register as either part-time (less than 12 credits) or full-time (12 or more credits) and may earn a bachelor's degree upon completion of all degree requirements.

NON-DEGREE STATUS (NON-MATRICULATION)
Applicants not interested in earning a degree but wishing to enroll in courses relating to special interests, career advancement, preparation for graduate school, etc. may be admitted as non-degree students.

ADMISSION WITH DEGREE STATUS
1. Applications for degree status fall into one of five categories — Freshmen, Transfer or Second Degrees, Foreign, Readmits, and Non-degree to Matriculant. Hunter College participates with other member colleges of the City University of New York in a centralized admissions process for the admission of Freshmen, Transfer, Second Degree, and Foreign students.

2. Applications in these categories are processed by the CUNY Office of Admission Services, 101 West 31st Street, New York City, NY 10001.

3. Applicants seeking readmission to Hunter, or those wishing to have their status changed from non-degree to degree, are processed directly by the Hunter College Admissions Office.

4. Since each category of students is required to file a different type of application, students requesting admission information should be certain to indicate which type of application they are seeking.

I. Freshmen Admission
Students who wish to apply to Hunter College within the Divisions of Science and Mathematics, Education, Humanities, or Social Sciences must have been graduated from high school with at least an 80% average or with placement in the top one-third of their class. Applicants who do not hold a high school diploma must have achieved a General Equivalency Diploma score of 270.

Those interested in programs within the School of Nursing or the School of Health Sciences should refer to the section "Special Admissions Programs for Transfer or Second Degree Students" described later.

The deadline for fall-semester applications is January 15, for spring-semester applications October 15. Students admitted for the fall semester may register for the previous summer session. Applications filed after the deadlines listed will be processed on a space-available basis.

Special Admissions Programs for Freshmen

Early Admissions Superior students may apply for admission to the College upon completion of the third year of high school. An interview with the Admissions Committee is required, as well as a high school average of at least 90%, minimum SAT scores of 600 verbal and 600 math, and three high school recommendations. Students are admitted only in the fall semester. Applications must be filed directly with Hunter's Admissions Office before May 15.

SEEK Program (Search for Education, Elevation, and Knowledge), a program of the City University of New York, helps economically and educationally disadvantaged students who otherwise might not attend college by providing them with intensive academic services. A stipend for educational expenses is awarded to those students who exhibit an extreme need as determined by the CUNY needs analysis. (See p. 36 for additional information.)

II. Transfer and Second Degree Admission
Students wishing to transfer to Hunter College from another college should apply for the fall semester prior to March 15 and for
the spring semester prior to November 1. Applications received after these deadlines will be processed on a space-available basis.

Students applying for admission into the Divisions of Science and Mathematics, Education, Humanities, or Social Sciences, who have completed less than 14 college credits elsewhere, must have a minimum high school average of 80% or a General Equivalency Diploma score of at least 270 and a minimum grade point average (GPA) of 2.0. Those with 14-29 credits must have a minimum GPA of 2.5; students with 30 or more credits need at least a 2.0 GPA.

Those interested in programs in the School of Nursing or the School of Health Sciences should refer to the section "Special Admissions Programs for Transfer or Second Degree Students" described below.

The amount of college credit transferred into Hunter will be evaluated and determined by the Admissions Office after the student has registered.

Many of the evaluations will be ready at registration and may be obtained then. Those that are not available at that time may be picked up at the Office of Admissions after the second week of the new semester.

All liberal arts courses for which a student earned a grade of C or better at an accredited institution are transferable. Courses with a D grade taken at colleges within the City University of New York are also transferable. Courses taken at institutions not accredited by the Regional Accrediting Association are handled individually by departmental evaluation or exam. The student should consult the department concerned for further information.

A maximum of 95 credits may be transferred from four-year institutions; from two-year colleges the maximum is 75. To be a candidate for a degree at Hunter, a minimum of 30 credits must be taken as a degree student at Hunter, including at least half of the major and half of the minor or, if an interdepartmental field is selected, half of the total credits required.

The student is responsible for submitting updated transcripts within one year of the date of admission to Hunter College. These official transcripts should be sent to the Hunter College Admissions Office, Evaluation Unit.

To be a candidate for a degree, a minimum of 30 credits must be taken as a degree student at Hunter, including at least one-half of the major and one-half of the minor, or if an interdepartmental field is selected, one-half of the total credits required.

Special Admissions Programs for Transfer or Second Degree Students

Nursing and Health Sciences All programs within the Schools of Health Sciences and Nursing are upper division (junior and senior years) only. Students entering Hunter as freshmen are not eligible for admission. Applicants are considered for fall admission only, and only after they have completed the appropriate prerequisites of liberal arts and science work. Curricula for each program, as well as admissions criteria, are explained on page 108 for the School of Nursing and on page 83 for the School of Health Sciences.

III. Foreign Students

The credentials of applicants from other countries are evaluated in accordance with general admission requirements. An application, official certificates, and detailed transcripts must be submitted by January 15 for fall admission and by October 15 for spring admission. These dates allow time for exchange of necessary correspondence and, if the applicant is admitted, for obtaining the necessary passport visa. The I-20 form (required by the US Immigration Office) is issued only to students who have been accepted as full-time matriculants.

Applicants are expected to have a firm command of the English language before they apply. No provisional admission is offered whereby a student may come to the university and spend a semester or a year learning English.

The Scholastic Aptitude Test of College Entrance Examination Board, Box 592, Princeton, NJ 08540 (or the American College Testing Program) is required for students whose native language is English. Applicants whose native language is not English are required to take the Test of English as a Foreign Language (TOEFL). The TOEFL is administered several times during the year. Information about TOEFL may be obtained by writing to: Test of English as a Foreign Language, Educational Testing Service, Princeton, NJ 08540, USA.

Foreign students who need financial assistance should be aware that financial aid and Hunter-run housing facilities are not available to citizens of foreign countries. Therefore, a certified financial statement is required of international students confirming that all college and personal expenses, including travel, are covered for the academic year at the College.

IV. Readmission

Students who withdraw from Hunter or who are separated for any reason and wish to re-enter, should apply through the Office of Admissions. Students who are academically eligible and who have no outstanding financial obligations to the College are generally approved for readmission, subject to space limitations in departments. Applications for readmission must be filed at least one month prior to the beginning of the semester in which the student plans to re-enter. Students failing to attend for one or more semesters must apply for readmission.

V. Non-degree to Matriculant

Students who are enrolled at Hunter as non-degree candidates or who, when last in attendance, were so enrolled and who now wish to apply for matriculated status must file the "Non-Degree to Matriculant" application with the Admissions Office. Generally, students who have completed 24 or more credits at Hunter with a cumulative GPA of 2.0 or better will be granted matriculated status. Applications must be filed at least one month prior to the beginning of the semester in which the student plans to change classification. All credit earned as a non-degree student will upon matriculation be treated as transfer credits.

ADMISSION FOR NON-DEGREE STATUS

Applications for non-degree status fall into one of 4 categories:
- Special, Visitor and Permit, High School Senior, or Readmit.

All students wishing to enroll at Hunter as non-degree students must file applications directly with the Hunter Admissions Office. Non-degree students are free to choose courses without adhering to the strict academic structure of a degree program. They may register for any course for which space is available at the time of registration, provided they have met the prerequisite, if any. Credits earned as a non-degree student are generally transferable into a degree program at Hunter or other accredited colleges. Applications for all categories of non-degree students must be filed at least one month prior to the start of the semester the student wishes to enter or re-enter Hunter.
I. Special Students

Students who are not interested in earning a degree but who wish to take courses related to their vocation or special interest may be admitted as Special Students. Application fees and academic requirements are explained on the Non-Degree Application.

II. Visitors and Permit Students

Students wishing to take coursework at Hunter College to be used toward a degree at another college must first obtain written approval from their current college. Those matriculated at another unit of CUNY must complete the CUNY Permit Application. Applicants matriculated at a college outside the CUNY system must file a Non-Degree Application.

III. High School Seniors

A few highly qualified students are admitted as freshmen after completing their junior year in high school; others may register as non-degree students while continuing their high school studies.

IV. Non-degree Readmits

Non-degree students who have not maintained their attendance for at least one semester must file a new Non-Degree Application. Application fees and academic requirements are explained on the application.

CREDIT FOR COLLEGE-LEVEL WORK

College Credit Earned While in High School

Students who have completed college-level courses at an accredited institution while still in high school must submit an official transcript from the college where the courses were taken. Students should have this transcript sent to the Hunter College Admissions Office, Evaluations Unit.

Other Ways to Earn Credit toward a Degree

For each of the following, the student must take the initiative in advance by obtaining written approval from the appropriate department at Hunter to ascertain that credit will be granted. Students unable to attend classes at Hunter might take advantage of some of these alternatives. Two words of caution: A maximum of 24 credits may be earned by examination only. To earn a Hunter College degree, 30 credits must be taken at Hunter, including half the major and half the minor.

Transfer of credit  Students taking courses at other accredited institutions while still in attendance at Hunter (taking courses on permit) may transfer course credits to Hunter.

Independent Learning by Achievement Contract  This interdisciplinary program offers students who have earned at least 30 college credits an opportunity to design a part of their curriculum in a program that also satisfies the College’s degree requirements. Students must select a faculty committee and design a written contract that outlines the proposed work, the time it will take, a plan for progress reports, a method for evaluating the work, and the number of credits to be earned. The program itself may entail a performance, an exhibit, a lecture, a laboratory research project, a mock trial, or preparation for a conventional class examination. In some cases students can incorporate a certain amount of life experience into the contract and offer it for evaluation and credit. Students may earn up to 30 credits through this program. Interested students may obtain further information from the Office of Student Services.

College Entrance Examination Board Advanced Placement Tests

A. Students who have had a college-level course in secondary school and who pass the Advanced Placement Tests of the College Entrance Examination Board with grades of 5 or 4 (high honors or honors) are exempt from taking a corresponding course or equivalent requirement at Hunter. If they desire, they can receive college credit for the course.

B. Those who are similarly prepared but whose score is 3 (creditable) are exempt from a corresponding course at Hunter, provided the appropriate Hunter department so recommends, and are excused from substituting an equivalent credit requirement in the field of study, also provided the appropriate Hunter department so recommends. They receive no college credit for the course unless subsequently recommended by the department concerned.

C. Students who have not had college-level courses in a secondary school but who prepare for and pass the Advanced Placement Tests with grades of 5 or 4 are treated like students under “A” above.

College-level Examination Program (CLEP)  Hunter College participates in the College Level Examination Program (CLEP). Up to 24 credits may be earned through outside examination. Names of CLEP subject examinations honored at Hunter and minimum scores needed for credit are available in the Office of Student Services.

College Placement Examination (CPE)  Students who have taken the College Placement Examination (CPE) must set up an interview with an advisor from the department concerned if they wish credit. Awarding of credit is solely up to the individual department.

Exemption Examinations  Some departments give examinations in a course for which student and department advisor believe the student has adequate preparation. Passing these examinations may not always grant credit, but does permit the student to go directly into more advanced study or excuse a student from a required course.

Independent-study Courses  Most Hunter departments have independent-study courses for their majors and especially qualified students. Such courses always require prior departmental approval. The student does not always have to be on campus while completing the work.

US Armed Forces Institute Courses  United States Armed Forces Institute courses may be credited, up to a maximum of 18 credits, upon satisfactory completion including a final examination. If the course is approved by the American Council on Education, credit for a Service course may be granted toward a degree when recommended by the chair of the appropriate department at Hunter.

Graduation-in-Absentia  Students within 15 credits of graduation who have completed the distribution requirement and the major and minor requirements and have demonstrated minimum proficiency may apply for graduation-in-absentia if they must leave the City before completing their studies. They may attend an accredited college in the United States or abroad. The Graduate Audit Division of the Registrar’s Office has further information. Students who must leave before these criteria are met should apply for transfer to another college.
Tuition and Fees as of Fall 1982

UNDERGRADUATE
State Residents — all full-time students registering for at least 12 equated credits — $537.50 per semester
State Residents — all part-time students registering for fewer than 12 equated credits: $40.00 per credit per semester
Out-of-state Residents and Foreign Students
All full-time undergraduates — $787.50 per semester
All part-time undergraduates — $55.00 per credit

FEES
Student Activity/Consolidated Fees are collected from all students in addition to tuition. As of fall 1982, these fees are $25.00 per semester for day-session students and $10.00 per semester for evening-session students. Students taking certain laboratory courses in biology and chemistry are required to pay an additional materials fee of $15.00.

Financial Aid

The Office of Financial Aid (North Building room 241) administers federal, state and city grant, loan, and work-study programs to assist students who need financial help to attend college.

Applications for most programs, as well as information regarding specific application procedures, eligibility requirements, methods of selecting recipients and allocating awards, award schedules, and rights and responsibilities of recipients may be obtained from the Financial Aid Office.

FEDERAL PROGRAMS
Pell Grants (formerly BEOG)
Pell Grants are available to matriculated undergraduate students, US citizens or permanent residents, who enroll for a minimum of 6 credits (half-time). Grants are based on financial need and enrollment status. It is separate from other aid applications. Grants at Hunter range from $200 to $1156 per year (slightly higher for out-of-state residents). Students whose gross annual family income is inadequate to meet school costs (generally such income would not exceed $25,000) may apply. Application may be obtained from the Financial Aid Office or post offices, libraries, and most government offices.

Supplemental Educational Opportunity Grant Program (SEOG)
The Supplemental Educational Opportunity Grant is awarded to students who exhibit an exceptional financial need according to the City University needs analysis. Applicants must be US citizens or permanent residents matriculated and enrolled for a minimum
of 6 credits per semester. Students may be awarded grants for 4 years, ranging from $200 to $1,000 per year, up to a maximum of $4,000 total for the 4 years. These grants may be no more than half the total aid awarded to the student per year. Grants must be matched dollar for dollar with another source of aid, such as college work study or National Direct Student Loan.

Application for each academic year is made through the CUNY Student Aid Form (CSAF), available in the Financial Aid Office.

National Direct Student Loan

The National Direct Student Loan (NDSL) is a federally funded 5 percent loan available to matriculated students, enrolled for at least 6 credits per semester, who are US citizens or permanent residents. An undergraduate student who has completed less than 2 years of a program leading to a bachelor’s degree may borrow up to $3,000; a student who has completed up to 4 years of study toward the bachelor’s degree may borrow up to $6,000 (including any amount borrowed for the first 2 years of study). Awards are made based on a student’s need as established by the CUNY needs analysis and availability of funds in the University. Repayment and accrual of interest on the unpaid balance do not begin until 6 months after the student graduates or leaves school.

Application is made through the CUNY Student Aid Form (CSAF) available in the Financial Aid Office.

College Work Study Program (CWS)

The College Work Study Program is a federally funded program that provides part-time employment to eligible students. Recipients are placed in jobs within the College or at public and nonprofit agencies that have a current work-study contract with the University. To apply for this program, students must be matriculated and enrolled for at least 6 credits. A student’s eligibility depends on his or her need for employment to defray college expenses. A recipient may work up to 20 hours a week while attending classes full-time. During the summer or other vacation periods when the student has no classes, he or she may work full-time, up to 35 hours a week. Hourly rates of pay vary depending on the placement.

Application is made through the CUNY Student Aid Form (CSAF) available in the Financial Aid Office.

Note: The programs described above are derived from statutes and regulations in effect as of April 1982 and are subject to change resulting from legislation that may be enacted in the future.

Social Security Payments to Children of Deceased or Disabled Parents

Application for benefits may be made at any Social Security Administration Office. Eligible undergraduate students must be enrolled for at least 12 credits, be unmarried and between 18 and 22 years old, be financially dependent, and have a deceased or disabled or retired parent who worked long enough to qualify for Social Security benefits. Benefits awarded vary depending on the earnings of the student and/or parent.

Note: Social Security benefits for post-secondary students are being phased out over a 3-year period beginning July 1982 and ending April 1985. In order to be eligible to receive benefits during phase-out, students must meet all of the following criteria:

a. Be entitled to child’s insurance benefits as a child, a disabled child, or student as of August 1981.

b. Be entitled as a student beneficiary during the period of enrollment. (Prior to age 18 an individual is entitled as a child beneficiary, not as a student beneficiary, and is, therefore, not subject to phase-out provisions until he or she attains age 18.)


Students who enroll at a post-secondary institution after May 1982 are ineligible for Social Security educational benefits.

Veterans Administration Educational Benefits

Educational benefits are available to veterans with honorable service discharges and to children, spouses, and survivors of veterans whose deaths or permanent total disabilities were service-connected or who are listed as missing in action. For further information, contact the Veterans Office.

Financial Assistance for Native Americans

State and federal financial programs for native Americans are available. Information and applications may be obtained from:

State:
Native American Education Unit
New York State Education Department
Education Building Annex, Room 671
Albany, NY 12234

Federal:
Career Development Opportunities for Native Americans
US Department of the Interior
Bureau of Indian Affairs
Washington, DC

Traineeships in Communication Sciences (Speech Pathology and Audiology) and Rehabilitation Counseling

A few traineeships are offered through grants by the US Department of Health and Human Services in the programs for rehabilitation counseling and communication sciences (speech pathology and audiology).

Students interested in further information concerning rehabilitation counseling grants should write to: Coordinator, Rehabilitation Counseling Program, 695 Park Avenue, New York City, NY 10021.

For information about communication sciences (speech pathology and audiology) grants, write to: Director, Communications Program, School of Health Sciences, 440 East 26th Street, New York City, NY 10010.

Traineeships in Nursing

Traineeships in nursing education are offered through grants from the US Department of Health and Human Services. Information may be obtained from the Graduate Advisor, School of Nursing, 440 East 26th Street, New York City, NY 10010.

NEW YORK STATE PROGRAMS

The New York State Tuition Assistance Program (TAP)

The New York State Tuition Assistance Program (TAP) is available to full-time (12 or more credits) matriculated students whose not taxable New York State combined family income did not exceed $20,000 for the previous calendar year. (Adjustments are made for number of family household members attending college full-time.)
To be eligible, a student must have been a resident of New York State for at least 12 months immediately preceding the beginning of the term for which the student is applying, a US citizen or permanent resident, and a matriculated full-time (12 or more credits) student. Both graduate and undergraduate students may apply.

Assistance is given according to financial need. Awards at Hunter range from $100 per semester to $537.50 per semester for undergraduates and $50 per semester to $300 per semester for graduate students.

Applications may be obtained from the Office of Financial Aid or the New York State Higher Education Services Corporation, Tower Building, Empire State Plaza, Albany, NY 12255.

Students receiving TAP for the first time as of fall 1981 must meet specific academic criteria in order to be eligible for TAP in subsequent semesters. These criteria include completing a minimum number of credits with a minimum GPA each semester. Detailed information can be obtained in the Office of Financial Aid, Registrar, and Student Services.

Applications should be filed before July 1 for each academic year, but are accepted up to the following March 31. Students entering in the spring term should apply immediately after acceptance. Application must be made annually. Completed applications should be mailed to: The University Application Processing Center, PO Box 136, Bay Station, Brooklyn, NY 11235.

Regents College Scholarships

Regents College Scholarships are awarded competitively based on Scholastic Aptitude Tests or American College Testing Program scores. Scholarship applicants must (1) be in attendance in high school and either be graduated from high school by the end of the school year in which the examination was taken or be accepted as a full-time matriculated student by September of that year; (2) be a legal resident of New York State for at least one year immediately preceding the first term for which application for an award is made; and (3) not previously have competed for a Regents College Scholarship.

The amount of the award is $250 per year. Further information and application forms may be obtained from a student’s high school.

Recipients must reapply each year via a TAP application by March 31.

Regents Award for Children of Deceased or Disabled Veterans

Regents awards to children of deceased or disabled veterans who were or are residents of New York State are awarded regardless of family income or tuition charge and are given in addition to other grants or awards to which the applicant may be entitled. The amount of the award is $450 per year. Information on eligibility and a special application may be obtained from a student’s high school. Application must be filed with the New York State Higher Education Services Corporation, Tower Building, Empire State Plaza, Albany, NY 12255.

Regents Nursing Scholarship

Regents Nursing Scholarships are awarded competitively for full-time study in New York State in an undergraduate program in a college or in a hospital school approved for training registered professional nurses.

The basis of the award is the Scholastic Achievement Test or American College Testing Program score. A total of 600 awards are allocated annually by county.

The applicant must: (1) be a legal resident of New York State for at least one year immediately preceding the effective date of the award; (2) be in attendance in a high school at the time of the examination; (3) be either graduated from high school by the end of the school year in which the examination was taken or accepted as a full-time matriculated student by September of that year; and (4) not previously have competed for a Regents Scholarship.

The amount of the award is $250 per year. Further information and application forms may be obtained from a student’s high school.

Guaranteed Student Loan Program (GSL)

In this program, eligible undergraduate students may borrow up to $2,500 for each academic year up to a total of $12,500, from any participating financial institution. Eligible graduate students may borrow up to $5,000 for each academic year up to a total of $25,000 aggregate undergraduate and graduate loans. Repayment of the loan and accrual of 9 percent interest begin 6 months after graduation. An annual insurance premium of 1 percent, plus a 5 percent origination fee, of the amount of the loan is payable in full at the time the check is issued.

To be eligible, an applicant must be a US citizen, a New York State resident or permanent resident alien, and a matriculated student registered for courses totaling at least 6 credits.

Parent Loans for Undergraduate Students (PLUS)

PLUS enables either natural or adoptive parents of dependent undergraduate students to borrow up to $3,000 per child for each academic year in order to help meet the costs of post-secondary education at federally approved schools. The amount borrowed in any year cannot be greater than the cost of going to school during that year, minus all other financial aid received for the period of the loan. Costs that may be covered include tuition and fees, room and board, books, travel, and an allowance for personal expenses. The total amount borrowed for any one student may not exceed $15,000.

The annual interest rate is currently 14 percent. Repayment of the loan must begin within 60 days after the date funds are disbursed. Borrowers have 10 years to repay. There is an insurance premium of 1 percent, payable at the time of disbursement. Applications may be obtained from participating New York State lending institutions. Parents will be eligible for the same authorized deferments described in the Guaranteed Student Loan Program.

Auxiliary Loans to Assist Students (ALAS)

In this program an eligible independent undergraduate student may borrow up to $2,500 per year up to a total of $12,500 from any participating institution. Eligible graduate students may borrow up to $5,000 for each academic year up to a total of $25,000 aggregate undergraduate and graduate loans.

The limits for independent undergraduates include any amounts borrowed under the GSL Program. Graduate and professional students will be able to borrow the ALAS amounts in addition to their GSL. The total amount borrowed in any year cannot be greater than the cost of going to school in that year, minus all other financial aid received for the period for the loan. Costs that may be covered include tuition and fees, room and board, books, travel, and an allowance for personal expenses.
The annual interest rate is currently 14 percent. Students will be billed quarterly for interest payments while they are in school. Repayment of the loan principal is deferred only while they remain in full-time attendance.

Students may make application using the regular Guaranteed Student Loan Program application forms available from participating New York State lending institutions.

SEEK Program

SEEK (Search for Education, Elevation, and Knowledge), a program of the City University of New York, assists in providing equality of higher-education opportunity for economically and educationally disadvantaged students who otherwise might not attend college (see p.36).

A financial aid stipend for educational expenses is awarded to those SEEK students who exhibit an extreme need as determined by the CUNY needs analysis.

Applications for the SEEK program are available from high school counselors or the University Applications Processing Center, Box 136, Bay Station, Brooklyn, NY 11225. An applicant must be (1) a resident of New York State; (2) academically disadvantaged according to guidelines approved by the Board of Regents and the Director of the Budget; and (3) an applicant for admission to a CUNY 4-year college.

In order to receive financial-aid stipends from the SEEK program, a student must also file an application for a Pelli Grant and an application for the Tuition Assistance Program (TAP).

COLLEGE PROGRAMS

Scholarship and Welfare Fund Grant (S&W)

To be eligible, a student must have filed a CUNY Student Aid Form (CSAF) and exhibit a financial need based on this application. Applicants are recommended to the Scholarship and Welfare Fund of the Alumni Association of Hunter College, Inc., by the Financial Aid Office; and grants are given on the basis of need and academic promise. A separate S&W application is required. It is mailed to the student by the Financial Aid Office. Grants range from $400 to $1,000 annually.

Hunter College Scholars Program

The Hunter College Scholars Program, established by the Scholarship and Welfare Fund, awards $1000 annually for 4 years to students who have shown superior academic achievement in high school and who continue to demonstrate that achievement while at Hunter. High school seniors with an average of at least 90 percent and with minimum SATs of 1200 may apply for this program through the Office of Admissions or through their college advisor.
Merit Award
This award, funded by the Scholarship and Welfare Fund, is granted annually for 4 years to students who have demonstrated high academic achievement in high school and at Hunter College. High school seniors with an average of at least 85 percent and with minimum SATs of 1000 may apply through the Office of Admissions or through their college advisor. The amount of the award is the difference between tuition and the student's TAP award.

Graduating Senior Scholarships
Graduating Hunter College seniors are eligible to apply to the Scholarship and Welfare Fund for special awards to assist them in meeting the cost of continuing their education on the graduate level.

The Hunter Fund
The Hunter Fund was established to assist the College and middle-income students meet the cost of education. The fund is raised and administered through the Scholarship and Welfare Fund.

The Charlotte Newcombe Award
This award is made possible by a private foundation and is designed to assist the mature woman student in pursuing higher education. Awards vary according to academic promise and financial need. Applications are available in the Office of Student Services.

Wald Scholars
Each semester several Wald Scholarships are awarded to undergraduate students who are serving in internships arranged either through the CUNY Internship Program or through the Office of the Dean of Social Sciences. These scholarships were established in memory of Nathalie Sher Wald, Class of '44, by her family.

Belle Zeller Scholarship Program
Created by the Professional Staff Congress—CUNY in 1980 to honor Belle Zeller, its first president, for her contribution to the scholarship, to higher education, and to faculty unionism. This CUNY-wide annual competition is open to all full-time registered students who have completed 16 credits with an overall GPA of 3.75 at a CUNY college. (Graduating seniors are not eligible.) Three letters of recommendation are required attesting to academic performance and service to the college and/or community. Renewable up to 3 years, scholarships of $1000 will be awarded entirely on the basis of merit. Applications are available in the Office of Student Services in late November—early December.

Undergraduate Foreign Student Tuition Waiver
The Foreign Student Tuition Waiver program, which became effective on February 1, 1973, enables the College to waive tuition on a semester basis (exclusive of summer session) for undergraduate foreign students. Awards are in dollar amounts equal to 7 percent of the aggregate tuition chargeable to all full-time and part-time foreign undergraduate students enrolled at the College. The criteria for determining awards are financial need and intellectual and academic promise. Students granted waivers, either partial or total, are required to pay all other fees; colleges are encouraged to match tuition waivers through outside funds.

To be eligible for a Foreign Student Tuition Waiver a student must:
1. hold a non-immigrant but not a Tourist Visa.
2. be a matriculated undergraduate student at Hunter.
3. be registered for at least 12 credits for the coming semester if the student holds a Student Visa, F1, or be registered for at least 6 credits if the student holds a diplomatic or governmental visa.
4. have completed an Undergraduate Foreign Student Tuition Waiver application, which must be signed by the student and notarized by a Notary Public.
5. present the completed application during an interview with the Financial Aid Counselor in Room 241, Hunter College, by June 1 prior to the academic year for which the student is applying for the waiver.

Applications are reviewed according to the CUNY Needs Analysis System with an adjustment for foreign tuition. Recipients receive award letters with vouchers for the entire academic year. Other applicants receive denial letters for one semester, and their applications will be reviewed for the second semester.

Foreign students are ineligible to receive any state or federal aid, but they may work on campus through student aid funding if they have completed their first year in the United States. If students are faced with unforeseen circumstances that affect their financial resources, e.g., death of parents or sponsors, they may file Form I-138 requesting permission to work a maximum of 20 hours per week during the academic year and full-time during the summer vacation period. Students must, however, maintain their full-time status by registering for and completing 12 credits per semester with good academic standing. All work requests must be documented with the Foreign Student Advisor at Hunter College and submitted to the Immigration and Naturalization Service. The INS returns the I-94, granting or refusing permission. The I-94 entry permit, the document issued by the INS to record immigration status, indicates the port of entry, date of arrival, type of visa, and the length of time the student is to remain in the US.

Although most of this information pertains specifically to students who have an F-1 student visa, foreign students who hold a government or diplomatic visa that allows working privileges may also apply for waivers.

Emergency Loan Policy
The emergency loan program was established to assist students with an immediate problem concerning essential needs, such as rent, food, and clothing, occurring during the school year. The program makes provision for emergency loans only as a substitute for financial aid checks not available on distribution dates because of College error. Emergency loans cannot be given unless the student has a visible method of repayment, such as stipends or expected loans, excluding NYSHEC (New York State Higher Education Services Corporation) processed through the Student Financial Aid Payroll System. All loans must be repaid within 6 months from the date of issuance. All students receiving loans must sign a Power of Attorney. Emergency loans cannot be given for the following purposes:
1. Transportation other than to and from school and/or work and home. Long-distance traveling expenses will not be considered for any situation.
2. Cars and related expenses, gifts, vacations.
3. Payment of accumulated bills, e.g., charges to accounts, medical, utilities, rent, etc.
4. Security fees and real estate fees for apartments.
5. Payment of fees and/or tuition.
6. Graduate school application and test fees.

Counselors in the Financial Aid Office will help students faced with such expenses look for viable alternatives. Additional information is available in the Financial Aid Office or the Hunter College Library Reserve.
Program of Study

(For a complete listing of all departmental and interdepartmental degree programs, see pp. 18 and 137.)

The Bachelor of Arts (BA) encompasses the study of science, humanities and the arts, and the social sciences. It prepares students for positions in profit, non-profit, and government organizations, or for graduate programs. Liberal arts programs seek to provide a broad knowledge of the principles and themes involved in the study of the sciences, social sciences, humanities and arts. At Hunter there is a choice of 37 majors and 11 interdepartmental fields leading to the BA degree.

The Bachelor of Science (BS) provides training for a particular career and is therefore considered a professional degree. Hunter offers BS degrees in 10 fields.

The Bachelor of Fine Arts (BFA) is a program concentrating in art for highly qualified students. This program is described in detail in the section devoted to the Art Department.

The Bachelor of Music (BMus) is a program designed for students who intend to perform professionally or to teach the performance of music.

The Bachelor of Arts/Master of Arts (BA/MA) programs are designed for highly qualified students in particular areas of study and enable full-time students to complete both the BA and MA degrees in 4 years.

The Bachelor of Arts/Master of Science (BA/MS) in Sociology and Social Research requires 5 years of full-time study. Interested students should see the department advisor at the earliest possible date.

The CUNY (City University of New York) Baccalaureate degree is a university-wide program. This degree, awarded by CUNY rather than by a specific undergraduate CUNY college, may be a BS or BA degree and is intended for students who have a well-formulated individual academic and career goal. Students who are accepted work out their programs with a faculty committee of their choice which is willing to support the student’s plan of study. Students pursue their studies at one or more colleges in CUNY, according to their interests. Students must complete at least 15 but not more than 90 credits to be considered for admission to this program. Further information can be obtained from the CUNY/BA advisor in the Office of Student Services.

COMPONENTS OF HUNTER BACHELOR’S DEGREES

The program of study for an undergraduate degree at Hunter consists of 3 parts:

1. A distribution requirement of liberal arts courses (approximately 40 credits for a BA, 44–55 credits for a BS).

2. A concentration of in-depth study: 2 chosen subjects, the major and the minor, for the BA degree or one subject of specialization or professional study for the BS degree (approximately 36 credits for BA and 60 for BS). See page 18.

3. Electives or options: courses freely chosen by the student, provided the prerequisites are met, to complete the total for the degree being sought (125 credits for BA and 128–131 for BS). See page 18.

Other requirements are:

Minimum proficiency in reading, written English, and mathematics (see page 18); a minimum GPA of 2.0 in the major and in all courses.

1. The Distribution Requirement

In addition to English composition, the distribution requirement for the BA and BFA degrees includes required courses in science, mathematics, foreign language, literature, humanities, social science, and physical education. The BS degree typically has a large requirement in science/mathematics and either no requirement or an optional requirement in foreign language.

Only one course, English expository writing (ENGL 120) must be passed by every student. An equivalent may be presented. See “Category II English Composition” on the chart on p. 18 for complete details.

Through meeting the distribution requirement, many students eventually find their majors. Those who have an idea of their choice of a major should read the department’s statement to see whether any particular subjects in the distribution requirement are suggested as advantageous for that major.

Students should generally complete the distribution requirement before going on to their major and minor. The following students, however, should begin their major/minor courses and distribution requirement concurrently: (1) majors in departments that have sequential courses—especially mathematics, science, and foreign language, (2) minors in early childhood/elementary education, (3) candidates for the BFA and BS degree programs.

Choice of a Foreign Language. All students in the BA or BFA degree programs are required to meet a level of proficiency in a foreign language. The BS degree in Accounting has a minimal requirement. All other BS degrees have a choice of either foreign language or additional credits in literature.

Students who change from a BS to the BA program must meet the foreign language requirement for the BA degree. Some students in BS programs elect to take foreign language as part of their liberal arts requirement and are thus prepared for either degree.

Those who plan graduate study at the doctoral level should inquire about foreign language requirements and prepare for these in their undergraduate study.
## DISTRIBUTION REQUIREMENT

### CATEGORY I: Science & Mathematical Sciences | 10–12 credits *

<table>
<thead>
<tr>
<th>ASTRONOMY</th>
<th>ASTRO 100, 181, 182</th>
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<tbody>
<tr>
<td>BIOLOGY</td>
<td>BIOL 100, 102 (nonmajors will not be credited for BIOL 100 without completing BIOL 102)</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>CHEM 100, 102–103, 104–105 (or any other courses)</td>
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<tr>
<td>COMPUTER SCIENCE</td>
<td>Any CSCI-prefix course</td>
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<tr>
<td>GEOLOGY</td>
<td>GEOL 101, 102, 210, 211, 231, 252</td>
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<tr>
<td>MATHEMATICAL SCIENCES</td>
<td>Any course except MATH 001, 020, 103, 120, 121</td>
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<tr>
<td>PHYSICS</td>
<td>PHYS 101, 110, 111, 120, 121</td>
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<tr>
<td>PHYSICAL SCIENCE</td>
<td>PHYSC 100, 101</td>
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<tr>
<td>PHYSICAL ANTHROPOLOGY</td>
<td>ANTHP 101, 102</td>
</tr>
<tr>
<td>PHYSICAL GEOGRAPHY</td>
<td>PGEOG 130</td>
</tr>
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### CATEGORY II: English Composition | 3 credits

**ENGL 120 OR EQUIVALENT:** All students required to take ENGL 120 (or its equivalent) must do so no later than the 2nd semester of attendance at Hunter, or no later than the 2nd semester after completing the required remedial course(s) in writing, or—in the case of part-time students—after accumulating no more than 24 credits at Hunter. Transfer students required to take remedial courses must also do so no later than the 2nd semester of attendance at Hunter, or after accumulating no more than 24 credits at Hunter.

### CATEGORY III: Humanities: Foreign Language | 0–12 credits *

When beginning a language, the first-semester language course will not be credited without the completion of the 2nd semester.

<table>
<thead>
<tr>
<th>Chinese</th>
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<th>Greek</th>
<th>(GRK)</th>
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<tbody>
<tr>
<td>French</td>
<td>(FREN)</td>
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<td>German</td>
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<td>Latin</td>
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<td>Spanish</td>
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<td>Polish</td>
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<td>Russian</td>
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<td>Urakinian</td>
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<td>Portuguese</td>
<td>(PORT)</td>
<td>Yoruba</td>
<td>(YOR)</td>
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</table>

1. For students who can demonstrate a competency equivalent to 4 years of high school language, a proficiency examination will be required in the 4 areas of reading, speaking, writing, and oral comprehension.

2. For students who have studied one language for 4 years in high school. An appeal with an attached high school transcript should be filed with the Distribution Requirement Coordinator.

3. For students who continue a language studied for 3 years in high school, 3 credits in conversation, reading for research, literature, or civilization. Literature and civilization will be taught in English with readings in the foreign language.

4. For students who continue a language studied for 2 years in high school, 3 credits in conversation, reading for research, literature, or civilization. Literature and civilization will be taught in English with readings in the foreign language.

5. For students who continue a language studied for 1 year in high school, 6 credits in the foreign language and 3 credits in conversation, reading for research, literature, or civilization. Literature and civilization will be taught in English with readings in the foreign language.

6. For students who begin a new language, 9 credits in the foreign language and 3 credits in conversation, reading for research, literature, or civilization. Literature and civilization will be taught in English with readings in the foreign language.

* Only 2 courses in any single entry may be taken to fulfill requirements.
### CATEGORY IV

**Humanities: Literature**  
6 credits *

1. 3 credits in literature originally written in the English language; ENGL 220, 250, 252, 253, and 254, or a more advanced course with the approval of an English departmental advisor, or any BLPR-prefix Black & Puerto Rican Studies** literature course ending in numbers from -30 to -39.
2. 3 additional credits in literature from one or more of the following categories: (a) literature originally written in English, or (b) literature presented in English translation, or (c) literature written in a foreign language and studied in that language. See departmental listings for specific courses.
3. Students who complete a literature course to fulfill a foreign language requirement are exempted from Part 2.

### CATEGORY V

**Humanities**  
9 credits *

- **ART** — ART H 111 (plus any art history or studio course the student is qualified to take) (ARTCR 107—TTT only)
- **CIVILIZATION AND CULTURE**
  1. **BLACK & PUERTO RICAN STUDIES** — any BLPR-prefix course ending in numbers from -20 to -29 plus BLPR 243, and 276.
  2. **CLASSICS** — any CLA-prefix course except CLA 301
  3. **CHINESE** — CHIN 111
  4. **RUSSIAN** — RUSS 155, 156
  5. **HEBREW** — HEBR 250, 260, 361, 362, 364, 365, 366, 368, 382, 383, 389, 391
- **COMMUNICATIONS** — COMM 160 and MEDIA 160
- **INTERDISCIPLINARY COURSES** — HUM 110, 201, 380, 381
- **MUSIC** — MUSHL 101 or MUSTH 101 may be taken as the first 3 credits in music toward fulfillment of the distribution requirement. Students electing 6 credits in music may offer MUSHL 101 and MUSTH 101 or either of these 2 courses plus an additional 3 credits selected from other music courses for which the student is qualified. For music majors and pre-majors, MUSHL 105 replaces MUSHL 101, and MUSTH 120 replaces MUSTH 101, in satisfaction of the distribution requirement.
- **PHILOSOPHY** — any course except PHIL 492 and 494
- **RELIGION** — any REL-prefix course except REL 410 and 490
- **THEATRE & FILM** — FILM 220, 192, THEA 170, 171 (or any other courses for which prerequisites have been met)

### CATEGORY VI

**Social Sciences**  
12 credits *

- **BLACK & PUERTO RICAN STUDIES** — any BLPR-prefix course ending in numbers from -01 to -19 plus BLPR 100, 141, 181/182, 241/242, 244, 270, 351, 352, 360, and 387
- **CULTURAL ANTHROPOLOGY** — ANTHC 101 and any other course in cultural anthropology
- **ECONOMICS** — ECO 100, 101, 102
- **HISTORY** — all courses with HIST prefix; Groups I and II are open to all students; Group III is not open to freshmen.
- **HUMAN GEOGRAPHY** — all 3- or 4-credit courses with GEOG prefix
- **POLITICAL SCIENCE** — any 100-level course with POLSC prefix (under certain circumstances a 200/300-level course with department permission)
- **PSYCHOLOGY** — PSYCH 100 and one additional—PSYCH course at the 100 level
- **SOCIOLIGY** — SOC 101 (or any other courses for which prerequisites have been met)
- **URBAN AFFAIRS** — URBS 101, 301

### CATEGORY VII

**Physical Education**  
1 credit

**PEDM (MEN)**  
**PEDW (WOMEN)**  
**PEDCO (COED)**

Any activity course as listed in this catalogue. We recommend that this requirement be fulfilled by the time 75 credits have been completed.

** Maximum of 6 cr may be taken in courses in Black & Puerto Rican Studies to meet distribution requirements, with the exception of fulfilling language requirements.
2. Concentration of In-depth Study (Major and Minor)

A major is a concentration of courses in a particular subject area. A minor is a secondary concentration usually related to the student's educational goals. Very few students have any idea of a choice of major or minor when they enter college. As the appropriate time arrives to declare a major (45-60 completed credits), students may seek assistance from counselors and advisors. Talking with faculty in the areas of study being considered may also help. The choice of major and minor is a difficult decision, but it is not irrevocable—students can change their minds.

Departmental Majors—BA degree. These are majors concentrated within one department. The major typically consists of 24 credits. A minor in a related subject is chosen at the same time and usually consists of 12 credits. Both the major and the minor must consist of liberal arts courses.

To earn a Hunter degree, students must complete at least half of their major and minor courses at Hunter College.

In order to be graduated, a student must have a minimum of a 2.0 GPA in the courses designated for the major.

Some departments permit a limited number of credits used for the distribution requirement to be counted also toward the major/minor. Although this does not lessen the number of credits required for the degree, it frees those credits to be used in an elective area.

It is possible to have a double major in the BA degree. The student must complete all of the distribution requirement, satisfy the sequence of study for both majors, fulfill a minor approved by both departments, and file a major/minor form for each approved major. The double major and the minor must consist of liberal arts courses. The Registrar will record a double major on the student's transcript, but the notation of the second major will not appear on the student's transcript until the time of graduation. Two certificates in Support of the Degree should be filed with the Registrar—one from each major department.

Departmental Major — BA Degree

| Anthropology | English | Music |
| Art | French | Philosophy |
| Biology | Geography | Physical Education |
| Black & Puerto Rican Studies | Geology | Physics |
| Chemistry | German | Political Science |
| Chinese | Greek | Psychology |
| Classical Studies | Health Education | Religion |
| Communication | Hebrew | Romance |
| Sciences | History | Languages |
| Communication | Economics | Russian |
| Computer Science | Italian | Sociology |
| Dance | Latin | Spanish |
| Economics | Mathematics | Statistics |
| | | Theatre & Film |

Interdepartmental Fields — BA Degree. The following programs leading to the BA degree involve courses in more than one department. For details and names of advisors, see the listing in the departmental section of this catalogue.

| Archaeology | International Affairs |
| Comparative Literature | Jewish Social Studies |
| English Language Arts | Religion |
| Energy Policy Studies | Urban Studies |
| Environmental Science Studies | Women's Studies |
| Inter-American Affairs |

In addition to the interdepartmental fields of study, the College also offers individual interdisciplinary courses in the humanities, social sciences, and the sciences (see page 99).

3. Elective Credits

These are credits needed to complete the degree beyond those taken to fulfill the distribution requirement and the major and minor. Students may choose as electives any courses for which they have the necessary prerequisites. They may take more courses in their major or minor, study another foreign language they will need for graduate work, or explore new horizons. The choice is the student's.

Other Requirements

Minimum Proficiency Every newly matriculated student must take proficiency examinations in reading, written English, and mathematics before registering. This includes freshmen as well as students with advanced standing (those who have credit for previous college work whether at Hunter, a community college, or another 4-year college). If required scores are not attained, students must include in their program appropriate remediation courses in successive semesters until proficiency is demonstrated.

The Hunter College proficiency examinations in the skills areas include and in some cases add to the CUNY Freshman Skills Assessment Tests (FSAT) in mathematics, reading, and writing. All students who entered Hunter or any other college in the CUNY system as freshmen in or subsequent to fall 1978 are subject to these FSAT requirements. By Board of Trustees ruling, students cannot proceed beyond 60 credits before all of the CUNY Skills Assessment Tests have been passed.

All remedial course work takes precedence over all other course work; therefore:

a. remedial course work should begin as soon as the student enters Hunter College, and

b. all remedial course work should be completed within the first 36 credits or equated credits attempted at Hunter College.

A student who fails to meet these requirements will be placed on probation and is subject to dismissal.

A maximum of 8 credits of remediation course study will be granted toward the degree. No more than 3 credits of remediation will be granted in any one remediation sequence, e.g., English, mathematics, or reading. No credit for remediation courses will be given to students who transfer to Hunter with 64 credits or more. Students with between 8 and 64 credits should pick up an advisory sheet from the Office of Student Services to ascertain the pro-rata number of developmental credits which may be counted toward their degrees.

A student must pass the proficiency examination in mathematics in addition to meeting other departmental requirements before being permitted to enroll in 300- and 400-level science and mathematics courses. A student must pass the proficiency examination in reading and written English before being permitted to enroll in 300- and 400-level courses in education or the social sciences.

Under no circumstances will a student be graduated without having demonstrated proficiency in mathematics, reading, and written English.
PROGRAM PLANNING

All incoming students with the exception of non-degree students must plan their program through the Office of Student Services in August and January.

All students on probation must plan their program through the Office of Student Services.

Students with 61 to 75 credits must plan a program of study through a major department or program in conjunction with the declaration of their major.

Choosing the Major/Minor When the choice is made, the student should obtain a major/minor form from the Office of the Registrar and see the major department advisor. Only the major department is responsible for approving the content and arrangement of both the major and the minor, except in the case of the early childhood/elementary education minor, which requires approval of the Education Division. The student should be familiar with the department requirements and give thought to the optional major and minor courses before meeting with the major advisor.

To change a major, a student should get a change of major form from the Registrar's Office and confer with an advisor in the new major.

Fields of Specialization or Professional Studies — BS, BFA, and BMus. Degrees These programs, each requiring approximately 60 credits in the area of specialization, lead to the BS, BFA, or BM degree. The following programs are available. For details and names of advisors, see the listing in the departmental section of this catalogue.

Accounting Medical Laboratory Sciences
Community Health Education Music (BS and BM)
Environmental Health Science Nursing
Fine Arts (BFA degree—Art) Physical Education
Home Economics Physical Therapy

BA/MA Degrees These programs enable highly qualified students to earn the bachelor and master's degrees in a shorter period of time than required for taking the degrees separately. The following departments offer these programs:

Anthropology History Music
Economics Mathematical Physics
English Sciences

Descriptions of these programs are found in the department listings. Interested students should see the department advisor early in the freshman year because scheduling the program requires careful planning.

BA/MS Degrees The Department of Sociology offers a BA/MS degree program, Sociology and Social Research. See the department program listing in this catalogue for further description.

Pre-professional Programs Hunter College provides certain special programs to prepare students to qualify for careers in law, medicine, dentistry, veterinary medicine, pharmacy, optometry, and engineering. Students are encouraged to maintain a close relationship with the Pre-professional Advising Office to insure adequate preparation for admission to the appropriate professional school.

Professional Option Students preparing for a career in medicine, dentistry, or veterinary medicine may elect the professional option which enables them to earn the Hunter College BA degree by taking the last year of study at an accredited professional school.

Students choosing this option must complete all the distribution requirements and all major and minor requirements at Hunter College prior to entering professional school. Before beginning professional studies, a formal application for a professional option must be submitted to and approved by the Premedical Advisor and Registrar. Further details are available from the premedical advisor.

Pre-engineering The pre-engineering program is organized for students who plan to transfer to an engineering school of another college after two years at Hunter. Students planning to go into engineering should consult the pre-engineering advisor during Pre-admission Conference Days and also at least once each semester. The courses for pre-engineering outlined in the Physics Department section of this catalogue satisfy requirements for the first two years of the City College engineering degree. Students planning to go to an engineering school other than City College should see the pre-engineering advisor to work out a program suitable to their needs.

Pre-health Professions (Premedical) Students preparing for a career in medicine or other health professions (osteopathy, dentistry, optometry, podiatry, veterinary medicine) may elect any major or minor and should consult the premedical advisor during the Pre-admission Conference Days about the choice of science in the first term's program. It is imperative that students maintain a close relationship with the Premedical Advising Office from the time they become interested in such a career so that they are adequately prepared for admission to a professional school.

Pre-law There is no prescribed course of study or major for students planning to enter the legal profession. Legal educators agree that students planning to study law should take courses that best develop ability in comprehension and clear expression, critical understanding of human values and social institutions, and creative and independent thinking. A well-balanced liberal arts education is the best preparation for a successful legal career. Students who are considering such a career should consult with the pre-law advisor so that they can be adequately prepared for admission to law school.

Preparation for Social Work A major in one of the social or behavioral sciences is preferred for students planning to enter the field of social work. Specific entrance requirements vary for the different graduate schools of social work. Most schools recommend a minimum of 24 credits in the social sciences. A major in sociology or psychology is desirable for those interested in casework or groupwork; a major in sociology, political science, economics, or urban affairs is desirable for those interested in community organization. In addition, field placement courses that provide internships in social work agencies are highly recommended. Students planning to go to a graduate school of social work are encouraged to consult in their junior year with the Department of Sociology.

Teacher Education The teacher education program, which combines academic and field experiences, prepares students for careers in elementary and secondary schools. All teacher education programs meet certification and licensing requirements for New York State and New York City. For details, see the description under Programs of Education in this catalogue.
SPECIAL PROGRAMS

Education for Public Service  A new Program of Education for Public Service has been established to encourage Hunter's best students to pursue public service careers. The program runs for a full academic year and combines internship experiences at high levels of government with intensive seminars on issues of concern to public administrators and to New York City. The program is open to any Hunter College student, regardless of major, who has a minimum 3.0 GPA and who is within 45 credits of graduation at the beginning of the fall semester. Selection is competitive. Application is made each spring. Students accepted as Public Service Scholars receive academic credit and a substantial yearly stipend. Because women and minorities have been traditionally underrepresented in public policy-making positions, special efforts are taken to encourage them to apply for the program. Interested students should contact the Department of Urban Affairs.

Inservice Learning Internships  This program permits qualified undergraduates to work for academic credit in off-campus positions of responsibility in their major field of interest. Departments now granting credit for internships include anthropology, art, classics, Chinese, communications, dance, energy policy studies, English, geology and geography, German, history, inter-American affairs, music, philosophy, theatre and film, and women's studies. Host institutions have included the Museum of the City of New York, CBS, Channel 13, the Daily News, Associated Press, Jewish Museum, Asia House, the Manhattan Theatre Club, and the Museum of Modern Art Film Library. Interns have performed curatorial and administrative work in museums, research and production work on TV news shows and newspapers, design work in commercial graphics, booking, managing, and technical work in theatres, and many other jobs.

This program is offered every semester, including the summer session. Students receive from 3 to 15 credits a semester. Approximately 8-10 hours per week are required for 3 credits, 16-20 hours for 6 credits, or full-time involvement for 12-15 credits. The number of credits offered is determined by the department concerned in accordance with the amount of time required in the specific internship. Grades, usually given on a credit/no credit basis by the department, are based on the written evaluation by the supervisor of the intern. Students interested in the program should contact the Inservice Learning Program Office (old) North Building room 733 (new) West Building room 1429.

Internship Program in New York City Government  This university-wide program bridges the gap between academic study and the practical world of City government. For details, see the description in the political science section of this catalogue.

The Junior Year in New York Program  offers students enrolled in colleges outside the Metropolitan Area a carefully planned set of academic, social, and personal experiences that will enrich their degree programs and enlarge their understanding of American society through interaction with the cosmopolitan, international city that is New York.

The Junior Year in New York currently offers four programs: the Arts (theatre, music, film, dance, and visual arts); Communications (mass media and interpersonal); Urban Leadership Studies (political science, sociology, and urban affairs); and the Education of the Gifted and Talented (elementary and secondary).

Special admissions procedures are followed for these visiting students, who return to their home campuses for their senior year. The program is supervised and directed by a coordinator and advisory committee made up of Hunter College faculty. For further information, write to Junior Year in New York, Hunter College, 695 Park Ave., New York City, NY 10021.

Minority Access to Research Careers Program (MARCS)  The National Institute of Health's Division of General Medicine provides a special training program for competitively selected minority students to pursue research careers in science. Students who will go on for the PhD degree rather than to medical school are preferred. Students in the MARCS program receive a stipend of $3,600 per year, and their tuition fees are paid. In addition, travel funds are available for MARCS scholars to attend scientific meetings. The MARCS program is a scholarship program rather than a salary program.

Minority Biomedical Research Support Program (MBRS)  The National Institute of Health's Division of Research Resources provides opportunity for qualified minority students at Hunter College to participate in an experimental research project under the supervision of a member of the science faculty. A salary of approximately $500 per month is available to the student to devote 15-20 hours a week to research. The program is intended to encourage and increase the participation of minority students in biomedical careers.

For both the MARCS and MBRS programs, Hunter College faculty members, representing the Departments of Biology, Chemistry, and Physics, provide research direction in a wide variety of projects that reflect their special expertise. Students interested in these programs should contact the MBRS/MARC Office, North Building room 314.

Social Sciences Data Laboratory  The laboratory serves as a data archive for faculty and student research. Current holdings include the major nationwide voting studies, cross-national surveys, aggregate census data for the United States and most other countries, and congressional roll-call data. In addition to the archive, the laboratory also has various items of data processing and computing equipment, including CRT access to the City University's IBM central computer. Computer software packages
available for statistical analysis of social science data include OSIRIS III, SPSS, SAS, SCSS, and TSP. The laboratory is the repository for data from the Inter-university Consortium for Political and Social Research.

**Special Honors Curriculum** The Thomas Hunter Honors Program provides exceptional students with an individualized course of study, suited to their needs and interests, leading to the BA degree. Open to freshmen and sophomores of high intellectual or artistic ability, it permits them to replace the usual requirements of the College with a special curriculum under the supervision of the Council on Honors. It also offers its participants the chance to study with faculty members who have shown an interest in working with outstanding students. For details, see "Special Honors Curriculum," p. 97.

**Study Abroad Program** Opportunities exist for study abroad in summer and academic year programs. A leaflet, "Study Abroad," and additional information are available in the Office of Student Services.

**The Hunter-Mannes Consortium** Undergraduate music majors at Hunter are permitted to take elective courses in music at the Mannes College of Music (157 East 74th Street) under a consortium arrangement created to enrich the course offerings of both institutions. Students wishing to participate in this program should consult a Music Department advisor for details and approval.

**Marymount-Manhattan College, 221 East 71st Street, Manhattan** Hunter undergraduates may take courses at Marymount-Manhattan College through an exchange program that allows them to experience the atmosphere of a small private college. Interested students should get a bulletin of course descriptions from Marymount, a permit form from the Hunter Registrar’s Office, and then obtain permission from the equivalent subject department at Hunter to substitute the Marymount course for one at Hunter.

**YIVO Institute, 1048 Fifth Avenue, Manhattan** For information about this exchange program with the Max Weinrich Center for Advanced Jewish Studies of the YIVO Institute of Jewish Research, consult the description in the Jewish Social Studies section of this catalogue or the chair of that program.
Academic Policies and Regulations

Students are expected to be familiar with the various requirements and procedures as given in this catalogue and to follow them.

At Hunter, the only source of academic rules and regulations is the Hunter College Senate and its committees, composed of faculty, students, and administrators, whose authority comes from the Board of Trustees. Any exceptions to these rules may be granted only by designated individuals. The Senate constantly studies possible areas of change. New rulings are always published in the Senate News Bulletin. Those affecting large numbers of students are published in the student newspapers and are also available in appropriate offices. For example, information on course changes is available in departmental offices, general and distribution requirement regulations in the Office of Student Services.

Regulations are subject to interpretation according to the specific nature of any individual case. Students are encouraged and expected to make inquiries regarding a possible variance if they believe their circumstances warrant it. In order to avoid misunderstanding, students should not accept statements contrary to what is stated here without getting the exception in writing on a proper form from someone who has the authority to make an exception.

1. The only authority in the area pertaining to distribution requirements and college regulations in general is the appeals coordinator in the Office of Student Services.

2. The only authority in matters pertaining to the major/minor is the chair of the major department or his/her designated representative.

3. The procedure for grade appeals is outlined on page 25.

Students should be especially careful of informally given advice.

Every student is obligated to determine that all requirements for the degree have been met before the date of graduation. No changes may be made to the student record card after the graduation date. Any “STOPS” not cleared by the graduation date will result in the diploma and transcripts being withheld. INC and ABS grades received in the final semester must be completed by the graduation date. If not, an application to graduate for the following semester must be filed with the Graduation Audit Unit of the Registrar’s Office.

Students who are uncertain about the interpretation of any matter may learn under whose authority the matter rests by inquiring in the Office of Student Services.

This catalogue covers the general academic requirements consonant with earning a degree at Hunter. These are the regulations in effect when this catalogue went to press in spring 1982. Students are responsible for knowing all current regulations.
Grading Systems

Students may elect to be graded in courses according to either of two systems: (1) the traditional system of letter grades (A, B, C, D, and F) or (2) the non-letter grades of Credit/No Credit. Course requirements are the same no matter which system a student chooses, but there are certain restrictions about how and when the student may choose the Credit/No Credit system:

a) No more than half of the total credits for the degree may be taken on a Credit/No Credit basis.

b) Credit/No Credit grades are not allowed for students on probation. If given in error by instructors, they will be converted to letter grades by the Student Standing Committee of the Hunter College Senate. (Credit grades will be changed to C; No Credit grades will be changed to F.)

c) Freshmen may request a Credit/No Credit grade in only one course for each 15 credits completed at Hunter until 30 credits have been completed, with the exception of the mandatory Credit/No Credit grades required for certain remedial courses.

d) With approval of the Senate, departments may prohibit the use of Credit/No Credit grades in major courses, especially in those areas in which outside certification is required. Credit/No Credit grades are not permitted in education, nursing, pre-engineering, premedical, health sciences, home economics, and prelaw. All students should check with their departmental advisors for specific policies.

The Credit/No Credit system may be elected by students until the time of the final examination; no requests after the examination will be honored. Requests must be made on a form obtained from the Registrar’s Office. When departmental policies allow, request forms must be accepted by the instructor; they are an agreement solely between the student and the course instructor. Students requesting grading according to this system must continue to attend the class, complete all of the assignments, and take the final examination; otherwise, they will be considered to have withdrawn unofficially from the class despite having filed the form.

Other colleges, graduate schools, professional schools, services, and employers may look with disfavor upon the use of the Credit/No Credit grading option and may even convert Credit to C and No Credit to F for their purposes. If you have questions regarding the Credit/No Credit options, please check with the Office of Student Services.

Retention Standards The Board of Trustees has mandated uniform student retention standards for all the colleges that are part of the City University system. Under these standards, decisions about whether or not students may continue in a CUNY college are made on the basis of the grade point average (GPA). In order to make these decisions, course grades are assigned quality points (which count toward the GPA), as shown in the following table:
<table>
<thead>
<tr>
<th>Grade</th>
<th>Definition</th>
<th>Quality Points (GPA Index)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90–100%</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>80–89%</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>70–79%</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>60–69% (lowest passing grade)</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>Failure</td>
<td>0</td>
</tr>
<tr>
<td>CR</td>
<td>Credit earned (equivalent to A, B, C)</td>
<td>—</td>
</tr>
<tr>
<td>NC</td>
<td>No credit granted</td>
<td>—</td>
</tr>
<tr>
<td>W</td>
<td>Official withdrawal (cannot be assigned by instructor)</td>
<td>—</td>
</tr>
<tr>
<td>WU</td>
<td>Unofficial withdrawal (counts as F)</td>
<td>0</td>
</tr>
<tr>
<td>R</td>
<td>Course must be repeated until minimum level of proficiency is attained (not to be used for unofficial withdrawals)</td>
<td>—</td>
</tr>
<tr>
<td>ABS</td>
<td>Absent from final (make-up exam permitted)</td>
<td>—</td>
</tr>
<tr>
<td>INC</td>
<td>Term's work incomplete</td>
<td>—</td>
</tr>
<tr>
<td>Y</td>
<td>Year's course of study—must continue to completion</td>
<td>—</td>
</tr>
<tr>
<td>AUD</td>
<td>Auditor (registered as &quot;Auditor&quot; during registration period)</td>
<td>—</td>
</tr>
<tr>
<td>Z</td>
<td>No grade submitted by instructor (an administrative grade which cannot be assigned by the instructor)</td>
<td>—</td>
</tr>
</tbody>
</table>

**Retention on the Basis of Grade Point Average**

General scholarship is indicated by a college GPA (also referred to as the "cumulative index" or "index"). Each student is expected to know how to figure the GPA and is expected to compute it each semester.

Students admitted with advanced standing or transfer credits cannot use previous grades earned at other colleges in the computation of the GPA, but the number of their transfer credits will be added to the total Hunter College credits to determine retention. This means that students must have achieved a given GPA by the time they have completed a certain number of credits or else they will be placed on probation, and if insufficient improvement is made within a specified period, they will be subject to dismissal for poor scholarship. The standards guiding these decisions are as follows:

<table>
<thead>
<tr>
<th>Credits Earned</th>
<th>Minimum Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–12</td>
<td>1.50</td>
</tr>
<tr>
<td>13–24</td>
<td>1.75</td>
</tr>
<tr>
<td>25 and over</td>
<td>2.0</td>
</tr>
</tbody>
</table>

**Dismissal from the College and the City University**

Students who fail to achieve the required academic standards will be placed on academic probation. Students who fail to achieve the required academic standards while on probation will be dismissed from Hunter College and the University system.

Students may appeal an academic dismissal and should discuss the preparation of such an appeal with a counselor or advisor in the Office of Student Services. The Senate Committee on Student Standing reviews all appeals and makes the final determinations. Students are notified by mail of the disposition of their appeal.

Tuition and fees will be refunded to a student who is dismissed for failure to meet the required academic standards after having registered.

Students who withdraw from the College when their GPA is below the required academic standards will be automatically dismissed from the University. Students who have been dismissed or who have withdrawn when their GPA is below required academic standards may not be readmitted until they have been separated from the University system for at least one fall or spring semester. Students who wish to apply for readmission after separation of one or more semesters must file an application in the Office of Admissions. Applications must be filed at least one month prior to the beginning of the semester in which the student plans to re-enter. Until such time as they are eligible to apply for readmission, students who are separated from the University may not enroll for credit-bearing courses in any unit of the University in any status. Applications for readmission must be filed at least one month prior to the beginning of the semester in which the student plans to re-enter.

**Final and Absentee Examinations**

A final examination is required in each course at the College during the examination period scheduled by the Registrar, except in those courses in which the department has ruled that no examination is given.

A student who misses a final examination for valid reasons may, after consultation with the course instructor, be given a make-up final examination. Absentee examinations will be administered only to students whose work in the course has averaged C or better. The make-up examination must be taken before the 1st Monday of the 7th week of the following semester, whether or not the student is in attendance. Unless the examination is taken and passed, the grade automatically becomes an F.

The Registrar's Office mails applications for the Absentee Examination, approximately one month after the end of the semester, to all students who receive an ABS grade. Students who have not received their grade notices by this time should inquire in the Registrar's Office. Students are responsible for knowing whether they have an ABS grade and for completing and filing the application for the examination before the deadline date given in the College calendar.

**Incomplete Work in Course**

When a student has taken the final examination but has not completed the classwork (e.g., required papers have not been handed in), the instructor may assign a grade of INC (incomplete). The instructor will use this grade only when convinced that the student's reasons for not completing the work at the proper time are adequate and the student's other work in the course is not less than C. The missing work must be made up by Monday of the 8th week of the following semester (fall or spring).

Students may appeal to the instructor for an extension of time in which to complete the work, but this extension can last only until the end of the semester following the semester in which the course was taken. If the work is not handed in and a grade turned in by the instructor by that time, the INC will turn into an F. No appeal for a further extension is permitted. The extension, which must be agreed to in writing, is solely between the instructor and the student. Forms for these agreements may be obtained from the Office of Student Services.

**Repeating Courses with Grades of D, F, WU, or No Credit**

1. Students are not permitted to repeat courses, other than those officially designated as repeatable, in which they have previously received a grade of A, B, C, or CR. If a student elects to repeat a course in which a grade of D has been received, and this course is part of a sequence, the student may repeat the course only before, or at the same time as, the next course in the series is taken.

2. Letter grades in repeated courses shall also be counted in the GPA.

3. A student who has received a grade of D, F, or NC twice in the same course (no matter what the order of receipt) will not be allowed to register for that course again except by permission of both the department in which the course is taught and the stu-
dent’s advisor (the major advisor for students who have declared a major or the general academic advisor for students who have not declared a major).

In instances where the course is not offered again, the grade received stands. The College is not obligated to offer the course again.

Other Regulations

Academic Calendar and Sessions The fall semester starts after Labor Day, the spring semester starts in early February, and a summer program of 6 weeks begins in June.

Courses are offered from early morning to late evening each semester and in the summer. Students are expected to attend both the fall and spring semesters; students who do not must apply for readmission.

Attendance in the summer program is optional. Students who receive financial aid under the New York State Tuition Assistance Program (TAP) should realize that these awards are available for no more than a total of 6 semesters. TAP assistance for a summer session will count as one-half a semester; the other half may be used only in a subsequent summer session.

Academic Honesty

Plagiarism Any deliberate borrowing of the ideas, terms, statements, or knowledge of others without clear and specific acknowledgment of the source is plagiarism. It is, in fact, intellectual theft. Serious students, scholars, and teachers agree that they cannot tolerate plagiarism.

It is not, of course, plagiarism to borrow the ideas, terms, statements, or knowledge of others if the source is clearly and specifically acknowledged. Any conscientious student will, from time to time, consult critical material and may wish to include some of the insights, terms, or statements encountered. When this happens, the source must be given full credit.

Plagiarism will result in disciplinary proceedings. A more detailed explanation of plagiarism and the accepted procedures for acknowledging sources is available from the Department of English or the Office of the Hunter College Senate.

Purchase of Written Assignments and “Cheating” Sale of term papers, student essays, reports, and other written assignments for use in credit courses is a misdemeanor under Section 213-b of the Education Law. This law is interpreted to include material advertised to be used for “research purposes.” The use of material (whether or not purchased) prepared by another and submitted by students as their own will result in disciplinary proceedings. Similarly, the copying or otherwise obtaining another’s answers to questions on examinations or assignments (commonly called “cheating”) will result in disciplinary proceedings.

Appeals Students who feel they have received an unfair grade in a course should first consult with the instructor of the course. A student who still feels aggrieved after discussing the matter with the instructor should follow the grade appeal procedure adopted by the Senate, Fall 1977. Copies of this procedure may be obtained in the Senate Office, the Office of Student Services, or departmental offices. The appeal must be submitted in writing no later than 6 weeks into the semester following receipt of the final grade.

Appeals for administrative exceptions to academic rules and regulations—including such matters as exceptions to approved program loads (except credits), variations of the distribution requirement, extension of time to take absentee exams, and other academic situations involved with classwork—are heard in the Office of Student Services.

The Review Commission on the Distribution Requirement of the Hunter College Senate The purpose of this commission is to consider specific proposals by individual students to substitute a prescribed course of study in order to more nearly meet their own special academic career requirements. The Commission does not consider appeals customarily reviewed by the Office of Student Services or appeals from students who are near graduation and have not completed the distribution requirement. Any student who wishes to formulate an individual distribution requirement should apply for an application form to Hunter College Senate’s office.

Absence from Final Examination See sections on “Final Examinations” and “Absence Examinations.”

Absence of Instructor If a class finds that the instructor is still absent after 10 minutes of the period has elapsed, a representative should be sent to the appropriate department office for instructions. The class should remain until the representative returns.

Auditing Students are required to file an application in the Registrar’s Office, at the time of registration, to obtain permission to audit a course. Auditors must register in the normal manner and pay required tuition and fees. No credit or grade will be given for audited classes. Auditor status cannot be changed to credit status after the closing date for late registration. Likewise, credit status cannot be changed to auditor status after registration.

Class Attendance All students (even those for whom attendance is optional) must report to classes during the first week of classes. Students who fail to do so will lose their place in some science laboratory classes if they do not attend the first class meeting. (See the "Notes" for biology and chemistry in the Schedule of Classes.)

Except for students who have earned less than 15 credits, the limitations on class cuts were removed in 1969. This fact does not preclude the keeping of attendance records by instructors, nor can absence from class be offered as an excuse for not fulfilling all requirements for passing a course. In cases where class participation is necessary to evaluate progress, students must attend class regularly. Attendance as a course requirement is always the prerogative of the instructor. Students who have earned less than 15 credits of college-level work are limited in the number of cuts they may take in a course without loss of credit:

- 1 cr course — 2 hrs of cuts
- 2 cr course — 4 hrs of cuts
- 3 cr course — 6 hrs of cuts
- 4 cr course — 8 hrs of cuts

Final Examinations A warning bell will be rung 10 minutes before the time set for an examination. There will be a bell to indicate the beginning and a bell to indicate the end of each examination.

Students in an examination room may not have in their possession or within their reach any books or papers except those permitted by the instructor for use in the examination. Notes normally carried in pockets or handbags should be placed completely out of reach. Students taking a drawing examination should bring
their own implements. Students are not to possess an examination book at any time except during the examination period. Students should carefully fill out all information asked for on the front cover of every examination book used. If scratch paper is needed, students should use the back pages of the examination book; no other paper of any kind is to be used. All matter that is not intended to be read and marked by the examiner should be crossed out (but not torn out) before the examination book is handed in. No pages are to be torn from examination books.

The student is responsible for making sure that the instructor receives the examination book. Students may leave the examination room as soon as they finish. Quiet should be maintained in passing through the halls.

Students obliged to withdraw from an examination because of illness will be counted as absent from the examination and are permitted to take an absentee examination, as explained in the section on final and absentee examinations.

**Suspension of Classes**  Announcements concerning emergency suspension of classes will be made on the following radio stations:

- WINS 1010 AM
- WNYC 93.9 FM
- WADO 1280 AM (Spanish speaking)
- WOR 710 AM
- WNEW 1130 AM and 102.7 FM
- WCBS 880 AM and 101.1 FM

The NYC telephone information number, 999-1234, will also carry the announcement. Do not call College offices or broadcasting stations for information.

**Withdrawal from Part of Program**  The Board of Trustees has ruled that students have until the end of the 3rd week of classes to withdraw from a class without penalty. This period coincides with the refund period. No grade, not even W, will be assigned to students for courses they withdraw from during this period.

To withdraw between the end of the 3rd week of classes through Monday of the 7th week of classes, the student should request a withdrawal form from the Registrar’s Office. After that, withdrawals will be assigned the grade of W (withdrawn officially) only when it is clear that the student has good and sufficient reason for withdrawing and the coursework has been of passing quality. After the 10th week of the semester (or the 4th week of the summer session), official withdrawal will be granted only for the most serious reasons and will require withdrawal from the total program of study. Students who withdraw either when failing or without approval will receive a grade of WU. The WU counts as an F in the GPA.

Students who receive TAP and other financial aid that requires completing 12 or more credits per semester must get clearance from the Office of Financial Aid before they may process any withdrawal from classes. After obtaining clearance from the Financial Aid Office, a student should make an appointment with an advisor or counselor in the office of Student Services before proceeding with the withdrawal process. The problem often has other solutions.

**Withdrawal from College**  Students who become ill, or who experience personal difficulties or a lack of interest that prevents their concentrating on college work, are encouraged to withdraw completely from college. Failure under such conditions can only make an eventual return to college more difficult. Deadlines for such withdrawals are the same as for withdrawals from part of the program (see above).

Such students should make an appointment to see a counselor in the Office of Student Services. Students must return books to the library and all college equipment to the department to which it belongs. Students who are unable to return to Hunter to withdraw in person should write or have someone else write to the Office of Student Services. The letter should contain (1) the name under which the student is registered at Hunter, (2) the social security number, (3) the return address and telephone number, (4) the reason for withdrawal and the last date of attendance, and (5) a copy of the Bursar’s receipt.

Students who just stop attending without following the above procedures are considered to have withdrawn unofficially and will receive WU’s, which are equivalent to an F in computing the GPA.

Students whose GPA at the time of withdrawal is below the minimum required for continued matriculation shall be considered as having been dropped for poor scholarship.

Students withdrawing from the College, officially or unofficially, must apply for readmission in the Admissions Office at least one month prior to the semester in which they wish to reenter.
Academic Honors

Deans’ List  The academic deans issue a list of students with excellent academic records. The rules for inclusion in the Deans’ List are available in the Office of Student Services. Students should note, however, that they cannot be considered for the Deans’ List for a semester during which they have received an ABS or INC grade.

Graduation with General College Honors  A student who has completed 80 credits of traditional letter grades at Hunter College may be considered for graduation honors. Students with a cumulative GPA of 3.800 or higher will be graduated Summa Cum Laude. Students with a GPA from 3.600 to 3.799 will be graduated Magna Cum Laude. Students with a GPA from 3.250 to 3.599 will be graduated Cum Laude.

Graduation with Department Honors  On recommendation of any department or interdepartmental field, students with at least 24 credits in the department or field may be graduated “With Honors” in that department or field, provided they graduate in the term for which they file for honors. Of these credits, 21 (or in exceptional cases 18) must be taken at Hunter. Students who participate in the Study Abroad Program or the Exchange Program within the United States may be considered for departmental honors even if they have earned fewer than 16 credits at Hunter in courses approved for the major.

Students are eligible for departmental honors if their GPA in the major or field is not less than 3.5 and if their cumulative GPA is not less than 2.7 at the time of graduation. The student must also elect at least 2 credits (but no more than 6 credits) in honors courses offered in that department or field and present to the department’s Committee on Honors a piece of independent work. Honors courses include include seminar, laboratory, reading, and tutorial courses and independent study projects established for the instruction of honors students.

Honor Societies  Two kinds of honor societies are recognized at Hunter College: academic and professional. In general the require-
ments for nomination are: for academic societies, a cumulative GPA of 3.0 and a departmental GPA prescribed by the department concerned, although in no case less than 3.0; for professional societies, a cumulative GPA of 2.8 and a departmental GPA and professional qualifications that meet departmental requirements.

All honor societies except Phi Beta Kappa and Sigma Xi are subject to the rules and regulations established by a committee of the Hunter College Senate.

Students may qualify for the following honor societies:

- Dobro Slovo
- Eta Beta Rho
- Kappa Delta Pi
- Kappa Mu Epsilon
- Kappa Pi
- Omicron Delta Epsilon
- Omicron Nu
- Phi Alpha Theta
- Phi Sigma
- Phi Upsilon Omicron
- Pi Delta Phi
- Pi Kappa Delta
- Pi Mu Epsilon
- Pi Sigma Alpha
- Psi Chi
- Sigma Delta Pi
- Sigma Epsilon Phi
- Sigma Pi Sigma
- Sigma Theta Tau
- Slavic Language and Literature
- Hebrew
- Education
- Music (academic)
- Art
- Economics
- Home Economics
- History
- Biological Sciences
- Home Economics
- French
- Communications
- Mathematics
- Political Science
- Psychology
- Spanish
- German
- Physics
- Nursing

Phi Beta Kappa is a national honor society. Students do not apply for membership; they are elected on the basis of academic excellence. Eligibility is calculated on the basis of liberal arts courses under Phi Beta Kappa rules, which differ from those used in awarding other honors at Hunter College.

The Society of the Sigma Xi has as its purpose the encouragement of original investigation in pure and applied science. The Society now has about 190,000 living members, organized in chapters at colleges and universities across the United States. These men and women have been elected to membership by their respective chapters because of their engagement in and commitment to the promotion of scientific research. The Hunter chapter was installed in May 1969.
Miscellaneous Regulations

- Students may not have personal or business mail or telegrams addressed to them at the college.
- The College cannot deliver messages to students except in cases of grave emergency.
- If a student has a visitor, a visitor's pass from the Office of Student Services is required.
- Students are required to present proper identification (Hunter ID Card) upon the request of any College official.
- The College does not provide a check-cashing service.
- No student or outsider may use any part of the College buildings (including bulletin boards) for soliciting or selling any merchandise without written permission from the Dean of Students.
- No student may be a self-appointed representative of the College.
- No pets or animals (except seeing-eye dogs) may be brought into College buildings.

College Name The official name of the College, which must be used in correspondence and on application forms for employment, admission to graduate school, and transfer to other institutions, is "Hunter College of The City University of New York." Merely referring to "The City University of New York" or "CUNY" will result in the correspondence or application being sent to the Board of Trustees, thereby causing delay in processing.

Change of Name and Address Students should report to the Registrar's Office all changes of name and address to receive forms for change of name or address. Allow at least one term for the change to be processed, and for 3 months after filing continue to use your former name and address for registration and other official College purposes. Change of address should also be filed with the student's local US Post Office.

Financial Obligations The Board of Trustees has ruled that students delinquent in their financial accounts (e.g., breakage fees, tuition, loans, library fines) may not be issued grades, transcripts, or degrees.

Access to College Files Board of Trustees guidelines and the Federal Education Rights and Privacy Act of 1974 permit the following information concerning current and former students to be made available to those parties who have a legitimate interest in the information: name, attendance dates, most recent address, major field of study, degrees received, and date.

By filing a letter with the Office of the Registrar, a student or former student may request that any or all of the above information not be released without the student's prior written consent. This letter may be completed, withdrawn, or modified at any time.

Students may have access to their College records by completing a request form available in the Office of the Registrar. The office informs students when and where records may be inspected. Students are charged a fee for the duplication of a requested record.

The parent(s) of a student who is younger than 18 and who is a dependent within the definition of Section 152 of the United States Internal Revenue Code of 1954, have right of access to those student records to which the student has right of access. When a student has waived access right to a particular document or record, the parent(s) have no access right. Dependency status may be demonstrated by submitting a copy of the last filed federal income tax form or other appropriate documents. Parent(s) of a student 18 years of age or older have no right of access, regardless of the child's dependent status, without the consent of the student.

Further information may be obtained from the Dean of Students.

Health Regulations

Health Standards The following are the general health standards for admission, readmission, and continuing attendance at Hunter College:

1. The student's health status shall not constitute a danger to any individual or group at Hunter College.
2. The health condition shall not be such that it may be aggravated or intensified by the demands of attendance at the College.
3. Any limitations of activity necessitated by a health problem shall be such that program adjustments will still enable the student to conform with the College's academic requirements.
4. A student's health status shall be such that the student may be expected to continue his/her College work taking a reasonable number of hours on a continuing basis.

Medical Records and Examinations Matriculated students (including transfer students) are required to submit a medical report by a recognized physician upon application for admission and at other times if required. If a student's medical report or other factors indicate a health problem, the College may require from the student's physician a report from a medical specialist in the area of the student's disability.

Student Physical Activity Cards Permission for physical education and similar activities is obtained in the Medical Office at Hunter College. As noted above, the prerequisite for issuance of approved cards is a completed medical report on file. These cards are valid for 2 years; then they must be renewed.

College Government

Hunter College has several governing assemblies, most of which provide for student participation.

The Hunter College Senate (Old North Building room 626 (new) East Building room 1018)

The Hunter College Senate was established in 1971 as the legislative body of the College with authority for determining college policy in matters related to:
1. Curriculum
2. Academic requirements and standards
3. Instruction and the evaluation of teaching
4. College development
Representatives of the faculty, student body, and administration constitute the voting membership of the Senate. Faculty senators are elected by the individual departments and serve for a term of 2 years. The elected officers of the Senate include the Chairperson, Vice-chairperson, Secretary, and the Chairperson of the Evening Session Council—who are the members of the Senate Administrative Committee. Twelve standing committees and a varying number of ad hoc committees accomplish much of the work of the Senate. Membership on committees is open to all faculty and students and is elected by the full Senate from recommendations of the Nominating Committee and by nominations from the Senate floor.

Regular meetings of the Senate are planned for 2 hours and are held once a month. Additional monthly meetings are called as needed.

Election of faculty and student membership to the Senate occurs during the spring semester.

Faculty members and students are encouraged to become involved in the meetings of the Hunter College Senate and its committees. Further information may be obtained by visiting the Senate Office.

The Evening Session Council of the Hunter College Senate
(Old) North Building room 526 (new) East Building room 1018

Composed of one faculty member and one student from each department, the Council makes recommendations to the President and the Hunter College Senate on matters of concern to the evening session.

Faculty Personnel and Budget Committee (FP&B)

Composed of the President, the Provost, and the chairs of departments, FP&B is concerned with appointment, reappointment, promotion, and other faculty personnel matters. College deans and other senior administrators sit on the FP&B as nonvoting members.

Departmental Committees

Each department has by-laws approved by the Senate. These by-laws provide for a number of committees, most of which are open to student members. Further information is available in the appropriate departmental office.

The Faculty Delegate Assembly
(Old) North Building room 726 (new) East Building room 1415

The Faculty Delegate Assembly is the official faculty organization of the College. Composed of two faculty members elected from each department as well as the 10 representatives of the College to the University Faculty Senate, it works closely with the President, the Provost, and the Hunter College Senate to maintain the academic standing of the College and to implement the suggestions of the faculty.

The Student Governments

Day North Building room 121
Evening North Building room 139
Graduate North Building room 314

These elected student groups have an essential role in the life of the College by controlling the "student activity fee," by chartering of student organizations, and by serving as representatives of students on matters of College policy.
In place of a card catalogue, Hunter's new open-shelf library makes use of public-access computer terminals that allow users to search the catalogue by touching a screen. The library also houses piano practice rooms, listening stations, microform facilities, and well over 800 carrels, in some of which students and faculty can view slide projections and video cassettes.
Services Available to Students

The hours during which each of the offices serving students is open vary during the year. Specific information is available in the Information Office (old) North Building room 119 or in the office involved.

HUNTER COLLEGE OMBUDSMAN
(Old) North Building (new) East Building room 1015

The Ombudsman is empowered by the Hunter College Governance Charter to investigate complaints and grievances by any member of the College community (student, faculty, staff, or administration) about a problem or condition in the College. When requested and where possible, the anonymity of a complainant will be protected, and names will not be used in any reports the Ombudsman may make.

When someone feels unfairly treated or unjustly disadvantaged, the Ombudsman can advise the person of the available appeals procedures, recommend corrective action to be taken by the appropriate College officials, or recommend changes in College procedures or regulations that would eliminate such injustices in the future.

OFFICE OF STUDENT SERVICES
(Old) North Building room 108 (new) East Building room 1119

This office offers advice to all students on questions regarding procedures and regulations, course requirements, and curricula. It receives student appeals for exceptions to academic regulations. It provides information on graduate schools, on scholarships and fellowships in the United States and abroad, and on opportunities to study in other countries. It advises on special programs, including preprofessional preparation, the CUNY Baccalaureate and the BA/MA and BA/MS degrees. Applications for credit through special examinations, such as Advanced Placement, CLEP, and CPE are made in this office. Awards of departmental honors and designation of Deans' List recipients are also handled by this office.

Counseling Services
(Old) North Building room 108 (new) East Building room 1119

Personal and psychological counseling are available to all students. Specialist also counsel and can approve special program hours for students who must attend class within restricted times. Counselors will be glad to talk with students about anything that is bothering them, ranging from information questions to requests about the most suitable types of counseling for their problem. Students who wish to drop a course after the eighth week of the semester must see a counselor for possible approval of "withdrawal without penalty" (W). Students who are considering withdrawing from school altogether are encouraged to see a counselor before reaching a decision.

Counselors offer a variety of short workshops in such areas as study skills, test anxiety, test-taking skills, assertiveness training, and choosing a major/Minor. Students may attend as many of these workshops as they wish. Information about the dates and content of the workshops to be offered each semester is available in this office.

Career Counselling and Placement
(Old) North Building room 108 (new) East Building room 812

Career counseling on choice of major, choice of long-range and short-range career and job goals. Counselors assist students with information on job opportunities and help them to relate their own qualifications and interests to these opportunities.

Job placement services include:
a. part-time jobs during the academic year, either on or off campus
b. summer jobs, both part-time and full-time, either on campus or away
c. full-time jobs during the academic year for part-time students in the evening session
d. entry-level jobs for graduating seniors. Students are urged to make appointments in the beginning of their senior year so that they may discuss their plans with a counselor and arrange for appropriate interviews.

Workshops on locating job opportunities, interviewing, and resume preparation are held each semester. Information about dates and places is sent to each senior and is also posted outside the Career Counseling Office.

Financial Aid
North Building room 241

Financial aid is available to matriculated students, both full-time and part-time.

Information about workshops, outlining details of eligibility, application procedures, and deadlines, is available in the Financial Aid Office. For types of aid available, see page 10.

Information, Message, and Package Center
(Old) North Building room 119 (new) East Building 7th floor

The Center is a source of up-to-date information about all College facilities, activities, and events. It maintains a directory of departments and services and their office hours, and it directs inquiries to the proper office. The Center also handles messages and packages.

Office of the School of General Studies (Evening Students)
(Old) North Building room 116 (new) East Building room 815

This office, under the direction of an associate dean, helps evening and part-time students to locate the Hunter offices which can give them information on admissions and registration procedures, counseling and academic advising, financial aid, department majors and interdisciplinary programs, and the Independent Learning by Achievement Contract. Students in the School of General Studies who have special problems concerning any College program, procedure, or facility should consult the associate dean.

Special Services
(Old) Thomas Hunter room 403 (new) East Building room 802

The Special Services Program is a federally funded program designed to provide cultural enrichment and help students deal with College life. It offers a variety of free services: personal counseling and tutoring, noncredit workshops in the use of video and photographic equipment, and instruction in creative writing and in piano and guitar. The program is open to all Hunter College students.
Tutoring
(Old) Thomas Hunter room 407 (new) East Building room 802
Free tutoring is available in all subjects. Students should not wait until they are hopelessly behind in their course work but rather come early in the semester if they experience difficulty in any subject. Tutors arrange both individual and group sessions. Tutoring may consist of a few brushup meetings or a series of intensive workshops, depending upon the nature of the students' problems.

Veteran's Counseling Service
North Building room 331
The Veteran's Counseling Service is funded through the Department of Health and Human Services. It is staffed by counselors who are veterans themselves and helps students who are veterans with benefits and other matters. The Service has funds for tutors and welcomes those who wish to tutor as well as those who desire tutoring.

Office of Educational Services
(Old) North Building room 612 (new) West Building 10th floor
Counselors are available to students who wish information about preparation for teaching, standards for acceptance into the teaching sequence, the standards for retention in the teaching sequence, courses appropriate to various levels of teaching, New York City license and New York State certification requirements.

Office of Teacher Placement
(Old) North Building room 612 (new) East Building 12th floor
Graduates of Hunter College who meet all New York State certification requirements, including student teaching, and Hunter graduate students in education who have 12 or more graduate credits are welcome to use this placement service. Seniors planning to use the service should register during the semester in which they take student teaching.

Departmental Advising
Each department has advisors to help students with such matters as course content, when a course is expected to be given, how a course is conducted (lecture, discussion), and the textbook(s) to be used. Students may want to discuss majoring in a subject before they make their official decision or to inquire about graduate schools. Majors should see the department advisors frequently to discuss their interests.

Bursar's Office
North Building (old) room 238 (new) 2nd floor
This office collects all tuition and fees and issues the "Bursar's receipt" (the student copy of the Fee Card). This office also distributes all payroll and financial-aid checks. The Bursar's receipt is the only valid proof of registration in courses.

The Bursar's Office will issue a duplicate Bursar's receipt to replace a lost one for a fee of $1.00. The office also accepts cash and issues receipts for payments to other Hunter offices which do not have the facilities to accept cash. For example, readmission application and transcription fees are paid here.

The Registrar's Office
North Building (old) room 217 (new) 2nd floor
This office prepares and maintains student academic records. Each semester, the Registrar's office mails a grade report form to each student. Students should review these carefully and report any errors immediately. A student who does not receive one should inquire here.

The Registrar's Office issues the Schedule of Classes prior to each registration period and sends registration materials to each student. This office also accepts and/or issues:
- notices to students with ABC grade notations with instructions concerning absentee examinations;
- withdrawals from part of a program during the first 8 weeks of class;
- permit forms to attend classes at other colleges;
- major/minor forms to be approved by the major department and then filed here;
- forms for change of name, address, and forms for recording new or corrected Social Security numbers;
- certification of attendance for any valid reason;
- application for graduation and final evaluation and certification for graduation.

Requests for transcripts are made through this office. Transcripts are sent outside of the office only on the signature of the student. There is a fee of $4.00 per transcript, except for transcripts sent to other units of The City University, which are free.

The Writing Center
(Old) Thomas Hunter room 320
Monday, Tuesday, and Thursday: 9:00 AM–5:00 PM
Wednesday: 9:00 AM–5:00 PM
Friday: 9:00 AM–4:00 PM
The Center offers students from all departments help in developing their writing skills. Workshops, skills seminars, and weekly tutoring sessions are available each term.

The Library
When this catalogue went to press, the College's central library was housed on the 10th and 11th floors of the North Building, and significant branch libraries were housed at the School of Social Work and the Schools of Health Sciences and Nursing, where they will remain. In the very near future, the central library of almost half a million volumes will move into the new East Building. There, it will occupy 9 floors (2 below street level). The 3rd floor (entrance floor) will house the circulation desk, reference collection, and central catalog. Reserves and special collections will be on the 2nd floor. The Education Library will be on the 1st floor. Current journals, government publications, and microforms will be on the 4th floor, with bound volumes on the 5th. Floors B2, B1, 6, and 7 will hold the main book collection, arranged on open shelves.

The Language Laboratory
North Building (old) room 1239 (new) 2nd floor
Hours, except during intersession and holidays:
Monday–Thursday: 9:00 AM–5:00 PM
Friday: 9:00 AM–5:00 PM
Saturday: 10:00 AM–5:00 PM
The language laboratory serves students taking foreign language courses as well as students enrolled in courses in communications and English as a second language. Its holdings include a thousand tapes designed to assist elementary and intermediate students in the preparation of their daily assignments and, for more advanced students, a library of taped literary works performed by great European acting companies.
CAMPUS SAFETY & SECURITY

Building Hours
In order to improve security services, the following schedule and procedures have been adopted for the Hunter College complex of buildings:

Fall and Spring Semesters
Monday through Thursday 7:00 AM–10:00 PM
Friday 7:00 AM– 6:00 PM

Summer Session and between Sessions
Monday through Friday 7:00 AM–10:00 PM

Entry into the buildings at times and days other than those scheduled above is governed by the following security procedures:

1. Everyone must show proper identification to the security officers on duty. A sign-in and sign-out log will be maintained by the security officers.

2. Advance written notice, approved by a department head or a faculty member, should be submitted to the Security Office. The note should include the name(s) of the student(s) or, if a class, the number of students entering the building, the room and floor to be visited, and the approximate duration of the visit. If for any reason a written notice is not possible, a phone call to the Security Office with the same information is acceptable, provided it is followed up by a letter of confirmation.

Information and Complaints
Requests for information and complaints concerning security services should be made to Desmond B. Eaton, Director, Campus Safety & Security, (old) North Building room 142 (new) West Building room 1114.

Security and Emergencies
A security unit functions in each building in which Hunter holds classes. The phone number is posted prominently at each building. The security unit should be notified first in case of health or security emergencies. Persons other than those authorized should not call an ambulance unless they are prepared to pay for it.

The Medical Office
North Building room 419
The Hunter College Medical Office provides emergency care and infirmary facilities for individuals whose condition may require rest for a short period of time. The staff includes certified emergency medical technicians who are specifically trained in emergency first aid.

College Bookstore
The bookstore stocks required, supplementary, and recommended textbooks (new and used), regulation school supplies, special course requirements, and other academic and nonacademic items. The bookstore also purchases used student textbooks.

Banking Service
A banking service is available to all registered student organizations. Consult the Business Manager for information on this and other options concerning the handling of organization funds.

Lost and Found
Lost articles should be returned as follows:
College library books — to the Library
College physical education equipment — to the Physical Education Dept.
All other articles should be returned to the Lost and Found Office in the West Mezzanine Lounge, or, after the move, on the 7th floor lobby of the East Building.

ID Card Office
North Building room 146
To obtain an ID card, bring a validated (stamped "paid") Bursar’s receipt for the current semester and other proof of identification, such as a Social Security card or a driver’s license, to the ID Card Office.

Reservation of Space in College Buildings
All reservations by students, faculty, and staff for temporary use of space during the day and evening (including weekends) should be made through the Central Reservation Desk in the West Lounge, or, after the move, on the 7th floor of the East Building.
The initial assignment of rooms for scheduled classes and change of these rooms during the first 3 weeks of a semester are made directly by the Registrar’s Office. Beginning with the fourth week of the semester, change of class rooms will be made at the Central Reservation Desk. Assignment of offices and other "permanent" space is not affected by this procedure.

Assembly and Meeting Hours
Several periods are set aside each week during which no classes are scheduled. These periods, called "Dean’s Hours," are reserved for official college assemblies, guidance meetings, and other academic and administrative purposes, and for student organization meetings.
COURSE DESIGNATIONS

Numbering System  Each course in the curriculum is defined by an alphabetical prefix and a 3-digit number. The 3-digit number indicates the level of study: 100- and 200-level courses are lower division, and 400-level courses are upper division; 500-, 600-, and 700-level courses are graduate.

000-level course designation  Remedial courses; placement determined by College-wide testing of entering students.

100-level course designation  Courses with no prerequisites, survey courses, or courses defining basic concepts and presenting the terminology of a discipline.

200-level course designation  Courses of intermediate college-level difficulty, courses with 100-level course(s) as prerequisite(s), or survey courses devoted to particular areas or fields within a discipline.

300-level course designation  Courses of advanced college-level difficulty taken by majors and upper-division students; these are often considered to be courses in the major, offered for students clearly interested in and qualified in the subject.

400-level course designation  Advanced upper-division courses and/or seminars, tutorials, and honor courses for majors and upper-division students.

Alphabetical Prefixes  The following prefixes are used, preceding the 3-digit number, to designate the field of study. They are listed here alphabetically, with the field and department or program to which they pertain. Specific departments and programs appear alphabetically in the table of contents, the index, and the HEGIS Code section.

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Field</th>
<th>Department/Program</th>
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<tbody>
<tr>
<td>ACSK</td>
<td>Academic skills</td>
<td>Academic Skills</td>
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<tr>
<td>ANTHC</td>
<td>Cultural anthropology</td>
<td>Anthropology</td>
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<tr>
<td></td>
<td>(anthropological linguistics, archaeology)</td>
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<tr>
<td>ANTHP</td>
<td>Physical anthropology</td>
<td>Anthropology</td>
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<td></td>
<td>(genetics, paleontology, primate ecology, human evolution)</td>
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<tr>
<td>ARTCR</td>
<td>Art (creative)</td>
<td>Art</td>
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<tr>
<td>ART H</td>
<td>Art (theory and history)</td>
<td>Art</td>
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<td>ART T</td>
<td>Art (technical)</td>
<td>Art</td>
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<tr>
<td>ASTRO</td>
<td>Astronomy</td>
<td>Physics &amp; Astronomy</td>
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<tr>
<td>BIOL</td>
<td>Biological sciences</td>
<td>Biological Sciences</td>
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<tr>
<td>BLPR</td>
<td>Black &amp; Puerto Rican studies</td>
<td>Black &amp; Puerto Rican</td>
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<td>Studies</td>
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<td>CHEM</td>
<td>Chemistry</td>
<td>Chemistry</td>
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<td>CHIN</td>
<td>Chinese</td>
<td>Classical &amp; Oriental</td>
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<td>Studies</td>
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<td>Abbreviation</td>
<td>Course Description</td>
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<tr>
<td>CLA</td>
<td>Classical culture and archaeology</td>
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<td>COMHE</td>
<td>Community health science</td>
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<td>COMM</td>
<td>Interpersonal communications</td>
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<td>COMPL</td>
<td>Comparative literature</td>
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<td>COMSC</td>
<td>Communication science</td>
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<td>COUNS</td>
<td>Counseling</td>
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<td>CSI</td>
<td>Computer science</td>
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<td>CUNBA</td>
<td>CUNY independent study/fieldwork</td>
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<td>DAN</td>
<td>Dance</td>
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<td>ECO</td>
<td>Economics and accounting</td>
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<td>EDFDN</td>
<td>Educational foundations</td>
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<td>EDUC</td>
<td>Curriculum &amp; teaching</td>
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<tr>
<td>EHS</td>
<td>Environmental health science</td>
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<td>ENGL</td>
<td>English</td>
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<td>ENVSC</td>
<td>Environmental science studies</td>
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<td>EPS</td>
<td>Energy policy studies</td>
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<td>FILM</td>
<td>Film</td>
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<td>FREN</td>
<td>French</td>
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<td>GEOG</td>
<td>Geography</td>
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<td>GEOL</td>
<td>Geology</td>
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<td>GERMAN</td>
<td>German</td>
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<td>GRK</td>
<td>Greek</td>
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<td>HEBR</td>
<td>Hebrew</td>
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<td>H ECO</td>
<td>Home economics</td>
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<td>HED</td>
<td>Health education</td>
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<td>HIST</td>
<td>History</td>
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<td>HONS</td>
<td>Special honors curriculum</td>
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<tr>
<td>HUM</td>
<td>Humanities — interdisciplinary</td>
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<td>IAA</td>
<td>Inter-American affairs — interdisciplinary</td>
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<tr>
<td>ILBAC</td>
<td>Independent learning by achievement contract</td>
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<td>ITAL</td>
<td>Italian</td>
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<td>JSS</td>
<td>Jewish social studies — interdisciplinary</td>
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<td>LAT</td>
<td>Latin</td>
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<tr>
<td>MATH</td>
<td>Mathematics</td>
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<tr>
<td>MEDIA</td>
<td>Media studies (including journalism)</td>
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<td>MLS</td>
<td>Medical laboratory science</td>
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<td>MODGK</td>
<td>Modern Greek</td>
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<td>MUSHL</td>
<td>Music (history &amp; literature)</td>
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<td>MUSIN</td>
<td>Music (individual study project)</td>
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<td>MUSPF</td>
<td>Music (performance)</td>
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<td>MUSTH</td>
<td>Music (theory)</td>
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<td>MVMT</td>
<td>Movement</td>
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<td>NURS</td>
<td>Nursing education</td>
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<td>ORSEM</td>
<td>Orientation seminar</td>
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<td>PEDCO</td>
<td>Physical education (coed)</td>
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<td>PEDM</td>
<td>Physical education (men)</td>
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<td>PEDW</td>
<td>Physical education (women)</td>
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<td>PGEOG</td>
<td>Physical geography and cartography</td>
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<td>PHILO</td>
<td>Philosophy</td>
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<td>Physics</td>
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<td>Physical science</td>
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<td>Polish</td>
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<td>POLSC</td>
<td>Political science</td>
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<td>PORT</td>
<td>Portuguese</td>
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<td>PSYCH</td>
<td>Psychology</td>
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<td>PT</td>
<td>Physical therapy</td>
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<tr>
<td>REL</td>
<td>Religion — interdisciplinary</td>
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<tr>
<td>RLNH</td>
<td>Romance language honors</td>
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<td>RUSS</td>
<td>Russian</td>
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<td>SHS</td>
<td>Health Sciences — interdisciplinary</td>
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<tr>
<td>SOC</td>
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Academic Skills/SEEK

Department Office  (old) North Building room 708 (new) East Building room 919

Chair/ Director Andrew Robinson
Professor Robinson
Associate Professors Baxter, Sowande
Assistant Professors Garcia, Krishnamchari, Moss, Pemberton, Sherman, Superville
Lecturers Bowers, Evans, Frederikens, Fuentes, Gibbs, Gordon, Greesley, Hidaru, Johnson, Jost, Lerner, Maldonado, M. Manley, Martinez, McCullough, Monteague, Quiroga, M. Robinson, Rose, Rubenfeld, Sawyer, Smoke, Stanley, Teang, Wimberly

The Department of Academic Skills offers a pre-college-level skills development curriculum as well as counseling and tutoring services designed to prepare students for entry into college-level courses. The course of instruction includes remedial and developmental sequences in writing, reading, speaking, mathematics, and the sciences.

The Department also offers a variety of supportive services including seminars on career planning, Orientation for Success courses, group and individual tutoring, personal and academic counseling.

The courses, special seminars, and services of the Department are available only to eligible students who choose to enroll in the SEEK program, which, except for financial aid distribution, is administered through the Department of Academic Skills, Division of Programs in Education.

COURSE LISTINGS

ACSK 003 Pre-Anatomy and Physiology I 4 hrs, 0 cr. The body as a whole; lomotion and support; body maintenance: distribution of energy sources and nutrients.

ACSK 004 Pre-Anatomy and Physiology II 4 hrs, 0 cr. Prereq: ACSK 003. Awareness and response to environment; body maintenance: processing, utilization of nutrients; homeostasis of body fluids, perpetuation of the species.

ACSK 005 Pre-Concepts of Health Care 4 hrs, 0 cr. Course designed for individuals preparing to be informed and conscientious adults on functions of health care delivery system.

ACSK 008 Orientation to Health Sciences 2 hrs, 0 cr. Educational and occupational information on a wide variety of health careers.

ACSK 011 Elementary Mathematics 4 hrs, 3 cr. Basic skills, arithmetic and algebra format. Modular system.

ACSK 012 Intermediate Mathematics 4 hrs, 3 cr. Prereq: Placement test or ACSK 011. Application of basic arithmetical and algebraic skills to problems in the sciences. Modular system.

ACSK 018 Basic Skills for Physics 4 hrs, 0 cr. Prereq: ACSK 012. Math tools applied to problem-solving in dynamic light, electricity, and magnetism.

ACSK 019 Basic Skills for Chemistry 4 hrs, 0 cr. Prereq: ACSK 012. Math tools applied to problem-solving, bonding, stoichiometry, properties of solutions, nuclear chemistry, chemistry of elements.

ACSK 020 Developmental Writing I 6 hrs, 3 cr. Grammar, sentence structure, paragraphs, and introduction to basic essay structure.

ACSK 021 Developmental Writing II 6 hrs, 3 cr. Review of grammar; narrative and descriptive essay writing; thesis, body, and conclusion. CUNY Writing Assessment Exam as final.

ACSK 030 Developmental Writing I/English as a Second Language 6 hrs, 3 cr. Development of basic English-as-a-second-language skills. Emphasis on grammar through paragraph development.


ACSK 032 Developmental Writing III/English as a Second Language 6 hrs, 3 cr. Prereq: ACSK 031 or perm. dept. Development of advanced English-as-a-second-language writing skills, editing, and rewriting of essays. Emphasis on structure, style, and clarity of expression.

ACSK 040 Speech for the Development of College-level English 3 hrs, 0 cr. Provides practical knowledge of essential skills for improvement of oral communication. Improved speech should enhance students' chances of success in prescribed writing courses and facilitate class participation in subsequent courses.

ACSK 050 Remedial Reading 4 hrs (+ 1 hr lab), 3 cr. Vocabulary expansion, basic comprehension skills, and some study techniques.

ACSK 051 Developmental Reading I 4 hrs (+ 1 hr lab), 3 cr. Prereq: ACSK 050 unless exempted. Vocabulary development, literal and interpretive comprehension, study techniques.

ACSK 052 Developmental Reading II 4 hrs (+ 1 hr lab), 3 cr. Critical comprehension, vocabulary expansion, study skills, fluency, and reading rate.

ACSK 165 Orientation for Success 2 hrs, 1 cr. Required for all SEEK freshmen. Emphasis on adjustment to college, personal growth, and development of academic skills.

Anthropology

Department Office North Building 7th floor

Chair Daniel G. Bates (on leave, Fa '82) Francis P. Conant (acting, Fa '82)
Professors Conant, C. Ember, M. Ember, Gross, Lees, McLendon, Pasternak, Szalay
Associate Professors Bates, Bendix, Firschein, Gropper, Johnson, Oates
Assistant Professors Lennihan, McGovern
Advisors (day) Carol Ember (evening) Rena Gropper
BA/MA Program Carol Ember

Anthropology is the scientific study of past and present peoples. As a major in a liberal arts curriculum, it overlaps the humanities, social sciences, and natural sciences by providing students with basic and advanced training in all 4 branches of the discipline: cultural anthropology (ethnology), archaeology, physical anthropology, and anthropological linguistics. Major and minor programs are designed to prepare students for post-graduate activities, which include graduate studies and research, teaching, social work, and work in museums, government, and industry, both domestic and overseas. Many use anthropology as a pre-law or premedical degree. Hunter College also offers a Master of Arts degree in anthropology; a doctoral degree in anthropology is offered by The City University of New York, of which Hunter is a senior member.

The MARC Program The Departments of Psychology, Anthropology, and Sociology jointly offer a program called MARC (Minority Access to Research Careers). This interdisciplinary research training program for talented minority juniors and seniors is funded by the Alcohol, Drug Abuse, and Mental Health Administration of the National Institute of Mental Health. Participants receive a monthly stipend, tuition and fee remission; they take a special curriculum and get individualized research training in a variety of areas under the supervision of a faculty mentor. The program has several levels of participation, and all minority students—especially freshmen and sophomores—intending to pursue a research-related career in the participating disciplines are urged to register with the program. Additional
details and descriptive literature are available from the MARC program advisor in the Psychology Department.

Distribution Requirement Two physical anthropology courses, ANTHC 101 and 102, can be used toward the science distribution requirement, and any cultural anthropology course with an ANTHC prefix can be applied toward the social science distribution requirement. Two courses of the major may be offered toward the distribution requirement. Up to 6 credits (or 2 courses of a science) of the minor may also be offered toward the distribution requirement.

Major The anthropology major is designed to give students a grouping in all 4 fields of the subject (archaeology, cultural anthropology, ethnology, anthropological linguistics, and physical anthropology). The anthropology major consists of 25 credits as follows:

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Minor The minor consists of 12 credits. Sociology, history, education, languages, biology, geology, psychology, art, art history, and classics are often selected as minor concentrations, but they are not the only suitable choices. The minor for the anthropology major should be selected after consultation with the undergraduate advisor or the departmental chair.

It is also possible for the major to minor in one of the 4 fields of anthropology by combining relevant courses from other departments:

Anthropological Linguistics relevant courses in anthropological linguistics (in the Department of Anthropology), and in the departments of classics, communications, English, German, Hebrew, philosophy, romance languages, Russian, and theatre & film.

Archaeology relevant courses in prehistoric archaeology (in the Department of Anthropology), and in the departments of art, chemistry, classics, geology & geography, history, mathematics, and physics.

Cultural Anthropology or Ethnology relevant courses in cultural anthropology (in the Department of Anthropology), and in the departments of art, classics, education, economics, English, geology & geography, inter-American affairs, mathematics, music, philosophy, political science, psychology, sociology, and foreign languages.

Physical Anthropology relevant courses in physical anthropology (in the Department of Anthropology) and in the departments of biological sciences, chemistry, geology & geography, mathematics, and physics.

Honors Work Honors work is possible in each of the major branches of anthropology. The emphasis is on independent student research under the supervision of a faculty member. In order to graduate with departmental honors in anthropology, a student must (1) have taken at least 2 credits of ANTHC 400; (2) have a GPA in the major of not less than 3.5 and a GPA of not less than 2.8 at the time of graduation; and (3) complete a departmental honors form available from the departmental undergraduate advisor.

ANTH 400 Honors Project (available to students in each of the 4 fields of anthropology) Open to qualified juniors and seniors every semester. Research under supervision of a faculty member. From 2 to 3 credits per semester, depending on the nature of the student’s work. May be taken for 1, 2, or 3 semesters for a maximum of 6 credits. To apply, students must (1) present a research plan prepared in conjunction with a faculty member, (2) have this plan approved by the undergraduate advisor and the department chair, (3) obtain approval prior to pre-registration.

Interdepartmental Fields Students wishing to do work in anthropology as part of an interdepartmental field such as energy policy studies, international affairs, urban affairs, and women’s studies, should refer to descriptions under the department or field of their interest.

Four-year BA/MA Program in Anthropology For a limited number of outstanding students, the department offers a 4-year BA/MA Program in Anthropology. The program is designed for freshmen, but in certain circumstances sophomores can be considered. Interested and qualified students should consult the program’s advisor or the chair of the department at the earliest possible date.

COURSE LISTINGS

Physical Anthropology, Genetics, and Paleontology

Most courses are not offered every semester but will be offered at least once in the 1982-84 schedule. Courses which are offered every semester or every other semester are noted below in the course description.

ANTH 101 Human Evolution 6 hrs (3 leo, 3 lab), 4 cr. Offered every semester. Ethology, morphology, paleontology, and genetics pertaining to living and extinct hominids.

ANTH 102 Human Variation 6 hrs (3 leo, 3 lab), 4 cr. Offered O and E/Sp. Genetic and racial analysis of contemporary human populations. Lab experiments and demonstrations.

ANTH 214 Theory of Evolution 3 hrs, 3 cr. Prereq: ANTH 101 or 102 or BIOL 100 or 102. Survey of recent developments in evolutionary theory, including population genetics, natural selection, and study of adaptation.

ANTH 301 Human Fossil Record 3 hrs, 3 cr. Prereq: ANTH 101, 102, or equiv. The hominid fossil record of Africa, Asia, and Europe. Human evolution as evidenced in fossil record.

ANTH 302 Human Genetics 3 hrs, 3 cr. Prereq: ANTH 101 or 102 or BIOL 100 or 102. Human chromosomal variability; gene expression; transmission of genetic information; analysis of genetic markers.

ANTH 303 Racial Biology of Humans 3 hrs, 3 cr. Prereq: ANTH 101 or 102 or BIOL 100 or 102. Genetic and phenotypic adaptations to climate, diet, altitude, disease, and selected cultural aspects.

ANTH 310 Primate Ecology and Behavior 3 hrs, 3 cr. Prereq: ANTH 101 or 102 or BIOL 100 or 102. Examination of ecological factors responsible for the distribution and behavior of living primate species.

ANTH 311 Primate Evolution 3 hrs, 3 cr. Prereq: ANTH 101 or perm. inst. Evolution of primate behavior and morphology; interdependence of ecology, behavior, and morphology.

ANTH 313 Experimental Approach to Human Evolution 3 hrs, 3 cr. Prereq: ANTH 101 or 102 or BIOL 100 or 102. Analysis of experimental approach to physiological and morphological problems in human evolution.

ANTH 316 Human Evolutionary Adaptations 3 hrs, 3 cr. Prereq: ANTH 101 or 102 or BIOL 100 or 102. Studies adaptive significance of distinctive biological features of human species, including brain size, secondary sexual characteristics, sparse body hair, and use of complex language.

Cultural Anthropology and Ethnology

ANTH 100 Cultural Diversity 1 hr, 1 cr. Lectures and readings about 5 different societies at different levels of technical development.

ANTH 101 Introduction to Cultural Anthropology 3 hrs, 3 cr. Offered every semester. People in relation to natural and cultural environments, with examples from a broad range of societies.
ANTHC 102 Contemporary Issues in Anthropological Perspectives 3 hrs, 3 cr. Anthropological perspectives on current issues such as crime, war, sex differences, cults, and energy crisis.

ANTHC 200 Ethnology of Africa 3 hrs, 3 cr. Traditional and contemporary types of communities, subsistence systems, and ecological adaptations.

ANTHC 201 Ethnology of the Middle East 3 hrs, 3 cr. Peasant, nomadic, and urban society; kinship, ethnic, religious, and ecological diversity; colonialism and modernization.

ANTHC 202 Ethnology of Central Asia** 3 hrs, 3 cr. Peoples of Inner Asia, analyzing kinship, social and political organization, ecological adaptations, culture history.

ANTHC 203 Ethnology of South Asia** 3 hrs, 3 cr. India, Pakistan, and adjacent areas; tribal, peasant, and urban civilizations; castes, religious traditions, change.

ANTHC 204 Ethnology of China 3 hrs, 3 cr. Historical and regional variation in pre- and post-Communist Chinese society; family, kinship, community, national minorities.

ANTHC 205 Ethnology of Southeast Asia 3 hrs, 3 cr. Explores history and development of tribes, villages, and cities.

ANTHC 206 Ethnology of Oceania** 3 hrs, 3 cr. Introduction to peoples and cultures of Pacific with particular attention to native societies of Pacific islands, New Guinea, and New Zealand.

ANTHC 207 Ethnology of Japan** 3 hrs, 3 cr. Rural and urban Japanese society today with emphasis on community change and its effects on family structure and kinship.

ANTHC 208 Ethnology of Australia** 3 hrs, 3 cr. History, culture, and social organization of native peoples of Australia, including consideration of present status within Australian society.

ANTHC 209 Ethnology of Europe** 3 hrs, 3 cr. Changing patterns of rural and urban life in Europe with attention to traditional sources of community organization, family, and kinship. Course also treats ethnicity and distribution of languages and dialects.

ANTHC 210 Ethnology of Circumpolar Region** 3 hrs, 3 cr. Native societies of Arctic, with emphasis on different Eskimo populations and present status within their national societies.

ANTHC 211 Ethnology of Native North America 3 hrs, 3 cr. Adaptive strategies and cultural variations in pre- and post-contact periods; problems in contemporary societies.

ANTHC 212 Ethnology of Meso-America** 3 hrs, 3 cr. Indigenous peoples of Mexico and Central America, their history, effects of colonization, and problems they face in various national societies.

ANTHC 213 Ethnology of South America 3 hrs, 3 cr. Development and organization of tropical forest Indians, hacienda and plantation economies, peasant and urban societies.

ANTHC 214 Ethnology of the Caribbean Area 3 hrs, 3 cr. Indigenous peoples, colonization, and slavery; minorities, race relations; family, religion, and economy.

ANTHC 301 Sex and Gender in Anthropological Perspective* 3 hrs, 3 cr. Human sexual dimorphism, males and females in contrasting societies; division of labor; socialization.

ANTHC 302 Dynamics of Cultural Change* 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Theories of cultural change, including migration, ecology and demography, urbanization, contact and acculturation.


ANTHC 304 Economic Anthropology* 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Varying systems of production and exchange; relationship to politics and ecology; tribal and peasant societies.

ANTHC 305 Culture and Personality 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Offered every semester. Male-female relations; sex differences in behavior; initiation ceremonies; folktales and games.

ANTHC 306 Folklore and Myth* 3 hrs, 3 cr. Cultural and psychological functions and symbolic meanings.

ANTHC 307 Anthropology of Religion* 3 hrs, 3 cr. Emphasis on non-Western societies; theories on religion, magic; functions and symbolic meaning.

ANTHC 308 Cultural Ecology* 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Relationship between human populations and environment; ecosystems, population interactions, research strategies.

ANTHC 309 Peasant Societies* 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. In colonial, agrarian, and industrializing states; family life, religion, economy, political institutions.

ANTHC 310 Political Anthropology* 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Leadership, decision-making, and law in different societies; emphasis on tribal and peasant communities.

ANTHC 311 Anthropology of Art* 3 hrs, 3 cr. Symbolic forms of human behavior; paleolithic cave art, tribal art, ethnomusicology.

ANTHC 315 Applied Anthropology* 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Application of theory and methods to contemporary social problems; community development; intercultural relations.

ANTHC 316 Quantitative Methods in Anthropology* 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Principles of anthropological statistics; problems of measurement and hypothesis testing.

ANTHC 317 Field Methods in Cultural Anthropology* 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Student projects in data collection, sampling, use of still photography, film, videotape, sound recording.

ANTHC 318 History of Anthropological Theory 3 hrs, 3 cr. Prereq: ANTHC 101 or perm. Inst. Offered once a year either Sp or F. History and critique. It is recommended that all introductory courses required for majors be taken before this course.

ANTHC 320 Problems in Anthropology 3 hrs, 3 cr. Perm. Inst. Offered every semester. Topic to be announced. Recent courses have looked at energy policy, women and economic development, and international migration.

ANTHC 325 Special Projects and Independent Research in Anthropology 3 hrs, 3 cr. Perm. Inst. Offered every semester.

ANTHC 400 Honors Projects Perm. chair. Offered every semester.

ANTHC 401 Seminars in Selected Topics Topics to be announced.

Linguistics

ANTHC 151 Introduction to Linguistics 3 hrs, 3 cr. Offered every semester. Structure and analysis of human languages; language history; language in society, culture, and mind; language universals.

ANTHC 251 Languages and Cultures of Africa** 3 hrs, 3 cr. Linguistic analysis and sociocultural background of African languages.

ANTHC 254 Languages and Cultures of South Asia 3 hrs, 3 cr. Linguistic analysis and sociocultural background of South Asian languages.

ANTHC 255 Languages and Cultures of China** 3 hrs, 3 cr. Linguistic analysis and sociocultural background of Chinese languages.

ANTHC 256 Languages of Southeast Asia** 3 hrs, 3 cr. Linguistic analysis and sociocultural background of Southeast Asian languages.

ANTHC 257 Languages and Cultures of Oceania** 3 hrs, 3 cr. Linguistic analysis and sociocultural background of Oceanian languages.

ANTHC 258 Languages and Cultures of Japan** 3 hrs, 3 cr. Linguistic analysis and sociocultural background of Japanese languages.

ANTHC 260 North American Indian Languages and Cultures* 3 hrs, 3 cr. Linguistic analysis and sociocultural background of North American Indian languages.

ANTHC 261 Languages and Cultures of Meso-America** 3 hrs, 3 cr. Linguistic analysis and sociocultural background of Central American languages.

ANTHC 262 Languages and Cultures of South America** 3 hrs, 3 cr. Linguistic analysis and sociocultural background of South American languages.

ANTHC 263 Afro-New World Languages and Cultures* 3 hrs, 3 cr. Linguistic analysis, history, sociocultural background of Caribbean Creole languages, other Afro-American speech forms.
ANTHC 284 Languages and Cultures of European Minorities** 3 hrs, 3 cr. Linguistic analysis and sociocultural background of the languages of European minorities.

ANTHC 351 Language and Culture* 3 hrs, 3 cr. Semantics; uses of languages in culture, cognition, society; linguistic archaeology; structural models in social science.

ANTHC 352 Language in Society 3 hrs, 3 cr. Offered once a year either Sp or Fa. Language, dialect, bilingualism in social and political life; language and ethnic identity; anthropology of communication.

ANTHC 353 Phonological Analysis and Theory 3 hrs, 3 cr. Prereq: ANTHC 151 or equiv. Phonetics of diverse languages, their phonemic analysis at different levels of theory, including distinctive feature analysis and phonological links to grammar.

ANTHC 354 Grammatical Analysis and Theory 3 hrs, 3 cr. Prereq: ANTHC 151 or equiv. Methods of syntax and morphology in work with diverse languages; syntactic theories and their development relative to universals, semantics, pragmatics, discourse.

Archaeology

ANTHC 126 Introduction to Prehistoric Archaeology 3 hrs, 3 cr. Offered every other semester. Human social and cultural evolution from the earliest humans to the rise of the first civilizations.

ANTHC 127 Introduction to Archaeological Techniques* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Strategies of data collection; determination of age of deposits, environmental reconstruction, examination of artifacts.

ANTHC 228 Archaeology of Africa* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Prehistory; origins, adaptations, cultural evolution of early hominids; origins of agriculture, early complex societies.

ANTHC 227 Archaeology of Europe* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Prehistory; early hunting and gathering adaptations, beginnings of sedentary village life, development of complex societies.

ANTHC 228 Archaeology of the Near East to 2000 BC* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Sociocultural development of Near East from early hunter-gatherers to first states and empires.

ANTHC 229 Archaeology of the New World* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Survey of cultural development from early hunter-gatherers to pre-Hispanic states and empires.

ANTHC 230 Prehistory of North American Indians* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Examination of adaptation and change in prehistoric cultural systems, employing archaeological and ethnographic sources.

ANTHC 231 Archaeology of Mesoamerica* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.

ANTHC 232 Archaeology of South America and the Caribbean* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Sociocultural development from early hunter-gatherers to first pre-Hispanic states and empires.

ANTHC 326 Rise of Old and New World Civilizations 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Offered every other semester. Theoretical and empirical examination of development of urbanism and state, in Old and New Worlds.

ANTHC 327 Prehistoric Cultural Ecology* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Survey of selected problems in human evolution and adaptation from an ecological perspective.

ANTHC 328 Technology and Material Culture* 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Topical survey of developments in prehistoric technology, techniques of material analysis.

ANTHC 346 Theory and Analysis in Archaeology* 5 hrs (3 lec, 2 lab), 4 cr. Prereq: ANTHC 126 or perm. Inst. Theory and methods of analysis of materials recovered from archaeological excavations and surveys.

ANTHC 426 Seminar in Archaeological Field Methods 3 hrs, 3 cr. Prereq: ANTHC 126 or perm. Inst. Offered on demand. Introduction to field methods and techniques in survey and excavation; involves weekend fieldwork on nearby sites.

* Not offered regularly. ** Probably not offered '82-'84
Art

Department Office  North Building room 1608
Chair  Sanford Wurmfeld
Professors  D’Ancona, DeCarava, Feldstein, Goosen, Humphrey, Kennedy, Kipp, Krauss, Longo, Mason, Morris, Olson, Parker, Peterson, Rearick, Swain, Wurmfeld
Associate Professors  Bates, Dynes, Goldstein, Huet, Milkowski, Moore, Wells
Assistant Professors  Gorchov, Hofmann, Panzera, Stapelford, Vergara
Advisors  See department bulletin board

The Department of Art offers a wide variety of courses for majors and non-majors. In studio art, 2 academic degree programs are offered: the BA and the BFA. In art history, we offer a BA degree.

Art history is the study of works of art and architectural monuments in their cultural environment. Students learn first to develop their powers of critical visual analysis. Then, by concentrated study of certain significant periods in the history of Western and non-Western art, they learn to relate the forms of art to contemporary historical, political, economic, religious, social, and cultural phenomena.

The department’s broad range of studio courses begins with the Introduction to Visual Studies and Beginning Drawing, which are prerequisites for all advanced studio courses except ARTCR 203, 204, and 261. In the beginning classes, the student learns the basic principles in various media; the advanced courses emphasize individual exploration.

STUDIO ART

The 24-credit Major  The standard major is available to the student interested in a liberal arts education. It consists of 8 courses in the major subject, normally one 3-credit course per semester, and includes ARTCR 101 and 221 followed by an additional 18 credits selected from 200- and 300-level courses.

Minor  We recommend that the minor associated with the 24-credit studio major consist of 12 credits in art history.

The 42-credit Major (BA)  An intensive major is available for the student who prefers a greater concentration in studio art and particularly for the student who plans to do graduate study in art. It consists of 11 courses in the major, including ARTCR 101 and 221, plus a concentration of 9 credits in one study area (e.g., painting, sculpture, drawing, graphics, applied design, ceramics, photography). Nine credits of study in art history are required, including at least one course beyond the 100 level.

Students should consult with a department advisor for guidance in the selection of 200-level courses. The plan for the area of concentration should be submitted to an advisor for tentative approval at the beginning of the junior year and for final approval in the lower senior term.

A maximum of 35 credits in studio art may be applied toward the BA degree. There is no minor associated with the 42-credit major.

The 60-credit Major (BFA)  This degree is open to students who wish to extend their work in studio art beyond the 42-credit major, and particularly students who wish to terminate their formal education at the college level. Students follow the regular distribution requirement for the BA degree, except that no course in art can fulfill category V (humanities).

A total of 60 credits in art must be earned toward the BFA degree. Some of these credits may, with approval, be earned in other departments. The basic required courses are the same as for the 42-credit major: ARTCR 101 and 221, plus 9 credits in art history, including at least one course beyond the 100 level. Six additional credits are to be selected from 200- and 300-level art history courses. The senior year of this curriculum includes professional preparation in the chosen field of concentration: either 10 credits Professional Experience in Art (ARTCR 449 and 460) or 9 to 15 credits Inservice Program (ARTCR 493), earned in outside institutions.

Departmental approval of the 60-credit concentration is required. During the upper sophomore or lower junior term, the candidate will submit an essay and study plan to the department committee on the BFA for tentative approval. Each candidate will be interviewed by the committee and final approval determined before the beginning of the student’s senior year. Application forms may be obtained from the department office.

Preparation for Teaching  In cooperation with the Division of Programs in Education, the Department of Art provides opportunities for students to prepare for a career in teaching at the elementary and secondary levels.

The courses EDUC 360 and 362 are designed to prepare students to meet both New York City and New York State requirements. Twenty elective credits in education are required: EDFDN 266, 268, 272, 272, 362 and EDUC 352, 385, 390, 490.

Further information about the teacher education program, including complete course descriptions, can be found in the Education statement in this bulletin.

Students qualifying for a license to teach art on grade levels K through 12 in New York State and/or New York City must take 18 credits as follows: ARTCR 101, 204, 221, 236, 255, and 9 credits in art history as follows: ART H 121, 122, and either ART H 249 or 250. (ART H 111 may be substituted for 121 and 122, in which case an additional 3-credit art history course must be taken to fulfill the 9-credit requirement.) The remaining 15 credits are to be chosen from ARTCR 206, 208, 225, 257, 261, 271, 309, 315, 322, and either 336 or 352.

Note: All art materials are to be supplied by the student. The College is not responsible for work left in the studios beyond the date assigned for removal. The department reserves the right to retain students’ work for purposes of exhibition and for illustrative material for classroom use. This work may be returned at graduation upon application to the instructor.

ART HISTORY

The Department of Art offers introductory, intermediate, and advanced courses in art history. It offers a choice of either a 24-credit standard major or a 42-credit intensive major. A 12-credit minor in art history is also available; it is planned in consultation with the student’s major advisor and an art history advisor.

The 24-credit Major (BA) in art history is available to students interested in a liberal arts education in the humanities. A broad range of courses from different fields, rather than specialization in one area, is encouraged. Students who have completed 9 credits in art history are eligible to take the required advanced Research Seminar (ART H 398), to be programmed in consultation with an art history advisor. A minor of 12 credits is required, but it may be
COURSE LISTINGS

Studio Art

ARTCR 101 and 221 are prereq for all studio courses except 203, 204, and 261. (Prereq may be waived by perm. inst.)

ARTCR 101 Introduction to Study of Visual Experience 6 hrs, 3 cr, + 3 hrs open studio. Introduction to conceiving and formulating ideas for visual experience. Students work in 3 different areas in day session, 2 in evening session.

ARTCR 107 TTT Introduction to Studio Art Experience 3 hrs, 3 cr. Open only to students in the Training Tomorrow's Teachers program. Offered D. Exploration of various basic concepts and processes involved in production of visual art.

ARTCR 203 Visual Studies I 4 hrs, 3 cr, + 6 hrs open studio. Variables of visual experience as they apply to visual expression. Lecture, criticism, and assigned studio problems in 2-dimensions.

ARTCR 204 Visual Studies II 4 hrs, 3 cr, + 6 hrs open studio. Prereq: ARTCR 203. Continuation of ARTCR 203 in 3-dimensions.

ARTCR 206 Fabric and Fiber Design 4 hrs, 3 cr, + 5 hrs open studio. Not currently offered.

ARTCR 208 Lettering and Typography 4 hrs, 3 cr, + 5 hrs open studio. Offered D. History and development of styles in lettering and typography; comparison of humanistic and machine styles. Studio practice.

ARTCR 221 Drawing 4 hrs, 3 cr, + 5 hrs open studio. Prereq: ARTCR 101 or perm. inst. before end of preceding semester. Basic principles in various media and subjects. Eye-hand coordination, perceptual acuity, spatial organization; interpretation of directly observed subjects.

ARTCR 225 Graphic Arts Workshop 4 hrs, 3 cr, + 5 hrs open studio. Techniques of woodcut, intaglio, lithography, silkscreen, and related media.

ARTCR 235 Painting 4 hrs, 3 cr, + 5 hrs open studio. Basic principles of painting. Studio practice using varied paint media, varied paint surfaces, paper, and canvas.

ARTCR 240 Watercolor Painting 4 hrs, 3 cr, + 5 hrs open studio. Basic principles of watercolor painting.

ARTCR 251 Sculpture 4 hrs, 3 cr, + 5 hrs open studio. Basic principles of sculpture. Studio practice in varied materials.

ARTCR 257 Ceramics 4 hrs, 3 cr, + 5 hrs open studio. Introduction to pottery and ceramic sculpture, including hand forming, throwing on the wheel, glazing, and kiln operation.

ARTCR 261 Technical Drawing 4 hrs, 3 cr, + 5 hrs open studio. Recommended for pre-engineering students and art majors. Elementary architectural and engineering drawing; use of drafting equipment, lettering and dimensioning.

ARTCR 271 Principles of Photography 3 hrs, 3 cr, + 6 hrs open studio. Black and white photography as creative medium; camera and its functions; exposure and film development, contact printing and enlarging.

ARTCR 280 Design in Light and Motion 3 hrs, 3 cr, + 6 hrs open studio. Basic aesthetics and mechanics of film and related materials. Making visual experience in time.

ARTCR 301 Advanced Studio 3 hrs, 3 cr, + 5 hrs open studio. Student projects with emphasis on contemporary methods such as video, film, tape, conceptual art, environmental art, earth art.


ARTCR 309 Graphic Communication 4 hrs, 3 cr, + 5 hrs open studio. Offered D. Prereq: ARTCR 203, 208. Word and image and their use in graphic communication; studio practice in graphic design; layout and rendering.

ARTCR 311 Clothing Design 4 hrs, 3 cr, + 5 hrs open studio. Prereq: ARTCR 322, or clothing construction experience. Use of varied materials for body covering. Studio practice: theory and criticism, varied historical developments, contemporary views and structural devices.

ARTCR 322 Advanced Drawing 4 hrs, 3 cr, + 5 hrs open studio. Prereq: ARTCR 221. May be repeated once. Continued experience in drawing with emphasis on drawing from life.
ARTCR 326 Advanced Graphic Arts Workshop 4 hrs, 2 cr, + 5 hrs open studio. Prereq: ARTCR 225. May be repeated once. Advanced study of one or more graphic art methods. Individual exploration emphasized.

ARTCR 336 Advanced Painting 4 hrs, 3 cr, + 5 hrs open studio. Prereq: ARTCR 235. May be repeated once. Continued experience in painting with possible concentration upon one medium and theme. Individual exploration emphasized.

ARTCR 352 Advanced Sculpture 4 hrs, 3 cr, + 5 hrs open studio. Prereq: ARTCR 251. May be repeated once. Continued experience in sculpture with possible concentration in one material. Individual exploration emphasized.


ARTCR 360 Special Projects 3-9 hrs, 3 cr, + 5 hrs open studio. Advanced students only. May be repeated once. Advanced projects are announced prior to registration each term.

ARTCR 372 Advanced Photography 3 hrs, 3 cr, + 6 hrs open studio. Prereq: ARTCR 271. May be repeated once. Techniques and aesthetics of black and white photography; self-expression and exploration; classroom critiques.

ARTCR 381 Advanced Design in Light and Motion 3 hrs, 3 cr, + 6 hrs open studio. Prereq: ARTCR 280. Cinema as an extension of still photography. Basic methods and structural principles of non-narrative films.

ARTCR 402 Independent Study in Studio Art 1-3 hrs, 1-3 cr per semester. Prereq: perm. inst.

ARTCR 459 Professional Experience in Art I 1 hr, 5 cr, + 5 hrs open studio. Prereq: perm. BFA Committee at end of Jr yr; BFA majors, senior only. Not credited toward BA degree. Advanced projects may include activities outside the college, as well as within the department.

ARTCR 460 Professional Experience in Art II 1 hr, 5 cr, + 5 hrs open studio. Continuation of ARTCR 459.

ARTCR 498 Inservice Learning Program 1-5 crs, hrs to be arranged. Prereq: perm. dept. Qualified undergraduates work for academic credit in professional and community art institutions.

ART H 205 Egyptian Art 3 hrs, 3 cr. Offered DiFa, EISp. Geographical, historical, and social conditions of the Nile. Influence of Egyptian art.

ART H 215 Greek Art 3 hrs, 3 cr. Offered E/Fa, DiSp. Sculpture and painting from the geometric period to the Hellenistic (ca. 750-100 BC). Emphasis on architectural sculpture, monumental free-standing sculpture, and vase painting, in their stylistic and narrative contexts.

ART H 216 Roman Art 3 hrs, 3 cr. Offered DiSp, E/ Fa. Roman sculpture and painting from Republican period to Age of Constantine (ca. 100 BC-315 AD). Emphasis on historical reliefs, portraits, and wall painting.

ART H 220 Early Medieval Art 3 hrs, 3 cr. Offered E/Sp, DiSp. Sculpture, painting, mosaics, and minor arts in West from dissolution of Roman Empire through Carolingian Renaissance, including early Christian and Byzantine art.

ART H 221 Later Medieval Art 3 hrs, 3 cr. Offered E/Sp, DiSp. Ottonian, Romanesque, and Gothic art; sculpture, painting, and minor arts.


ART H 227 Northern European Painting 3 hrs, 3 cr. Late 14th-16th centuries with emphasis on early Netherlandish painting and later masters such as Durer, Bosch, Brueghel.


ART H 235 Southern Baroque 3 hrs, 3 cr. Offered DiSp, E/Fa. Sculpture, painting of 17th-century Italy, France, Spain; Carracci, Caravaggio, Reni, Bernini; Ribera, Velasquez, Zurbaran, Murillo; Poussin, C. Lorraine.


ART H 243 Eighteenth-century Art 3 hrs, 3 cr. European painting and sculpture; Watteau, Fragonard, and Houdon in France, Hogarth and Reynolds in England, Tiepolo in Italy.

ART H 244 Neo-classicism and Romanticism: the Age of Revolution, 1789-1848 3 hrs, 3 cr. Neo-classicism and romanticism in France, Germany, England, Spain; David, Ingres, Delacroix; Friedrich, Runge, the Nazarenes; Blake, Reynolds, Constable; Goya.


ART H 246 American Art 3 hrs, 3 cr. Offered DiFa. Nineteenth-century American painting, architecture, sculpture, graphics, photography in social, historical, and environmental background of period.

ART H 249 Twentieth-century Art I 3 hrs, 3 cr. Art to World War II.

ART H 250 Twentieth-century Art II 3 hrs, 3 cr. Art since World War II.

ART H 252 Ancient Architecture 3 hrs, 3 cr. Major architectural styles with emphasis on Greece and Rome. Technical, cultural, and aesthetic significance of the monuments.
ART H 253 Medieval Architecture 3 hrs, 3 cr. Major styles and buildings in West from ancient world through Middle Ages; technical, cultural, and aesthetic significance.

ART H 254 Architecture: Renaissance to Neo-Classical 3 hrs, 3 cr. Architecture in West from Renaissance through the 19th century; baroque, rococo, and neo-classical styles.

ART H 255 Twentieth-century Architecture 3 hrs, 3 cr. Architecture since 1850; leading architects' works; history of structural theory as it relates to architectural form and new building types.

ART H 260 Islamic Art 3 hrs, 3 cr. Art and architecture of Islamic world from 7th to 17th century, covering both East and West.

ART H 262 Oriental Art I 3 hrs, 3 cr. Art in India and Southeast Asia based primarily on Hindu and Buddhist painting, and temple architecture.

ART H 263 Oriental Art II 3 hrs, 3 cr. Chinese and Japanese art from prehistoric pottery and grave images through Buddhist and dynastic architecture, painting, ceramics.

ART H 270 Art of Africa and Oceania 3 hrs, 3 cr. Survey of African and Oceanic arts; function, subjects, forms, and styles of the arts in these cultures.

ART H 299 Special Topics in History of Art 3 hrs, 3 cr. Examination of broad general topics, stylistic or cultural. Topics vary each semester.

ART H 368 Research Methods of Art History 3 hrs, 3 cr. Prereq: perm. inst. and 9 cr in advanced history courses. Training in bibliographical methods and research methods through examination of a problem in art history. Preparation for advanced work.

ART H 369 Advanced Studies in Art History 3 hrs, 3 cr. Prereq: perm. inst. Study of special topics. Individual research under direction of an instructor; meetings, conferences, and reports.

ART H 370 Advanced Studies in Ancient Art 3 hrs, 3 cr.

ART H 375 Advanced Studies in Medieval Art 3 hrs, 3 cr. Study of special topics. Lectures, readings, and reports dealing with various facets of one significant aspect of medieval art.

ART H 380 Advanced Studies in Renaissance and Post-Renaissance Art 3 hrs, 3 cr. A study of one significant aspect within fields of Renaissance and post-Renaissance art (14th and 18th centuries).

ART H 382 History of Film as a Visual Art 3 hrs, 3 cr. Not currently offered.

ART H 390 Advanced Studies in Oriental Art 3 hrs, 3 cr. Study of special topics of oriental art from India, Southeast Asia, China, Japan, or Islamic world.

ART H 399 Special Topics in History of Art 3 hrs, 3 cr. Prereq: perm. art history advisor. Combination undergraduate/graduate course. May be used to fulfill honors requirements. Specific topic varies each term.

ART H 402 Independent Study in Art History 3 hrs, 3 cr. Prereq: perm. inst.

ART H 498 Inservice Learning Program Hrs. to be arranged, 1-6 cr. Prereq: perm. of advisor and Inservice Dept. Qualified undergraduates work for academic credit in professional and community art institutions.

Biological Sciences

Department Office  North Building (old) room 819 (new) 8th floor

Chair  Audrey E.V. Haschemeyer

Professors  Brody, Cheppell, Cohen, Haschemeyer, Herskowitz, Krakow, Lyster, Martin, Mawe, Ozer, Rudin

Associate Professors  Balboni, Fray, Friedman, Grant, Raps, Shahn, Wyche

Assistant Professors  Lipke, Piccioni

Advisors  Consult schedule on bulletin board outside dept. office

During the past decade the Department of Biological Sciences at Hunter College has moved rapidly toward excellence in teaching and research. Twenty fully equipped laboratories were established with major federal grant support; recent awards have provided a cell culture facility and a computer-assisted instructional center. Today, its internationally recognized faculty is at the forefront of modern biology.

The core curriculum in biological sciences prepares students for careers in biology, biomedical sciences, medicine and dentistry, advanced study, and teaching. The curriculum emphasizes molecular and cellular biology as a basis for understanding the physiology and pathophysiology of organisms.

Research experience is available in the areas of control of hereditary information transfer, viruses and cancer, cell structure and biochemistry, energy transformation, hormones, development and neuropharmacology. Students also may participate in field projects at the Marine Biological Laboratory, Woods Hole, and in Antarctica.

Distribution Requirement  BIOL 100, 102, required but not included in the major, may be used for the distribution requirement. No more than 6 credits of the minor may also be offered toward the distribution requirement.

Majors  The Department of Biological Sciences offers 2 major programs: Major I is designed for students who intend to prepare for advanced study, secondary school teaching, or careers in biology, medicine, and dentistry. Major II is designed for those students who are preparing for elementary school teaching.

MAJOR I

This plan consists of 26 credits, including a 16-credit core of required courses and 10 credits of electives.

Prerequisites or corequisites  CHEM 102, 103, 104, 105; PHYS 110, 120 (or 111, 121); MATH 150, 155. Additional recommended courses are CHEM 249, STAT 213, C SCI 100.

Core (16 cr)  BIOL 204, 300, 320, 332 (BIOL 100, 102 are required but not credited toward Major I)

Electives (10 cr)  Students may select the remainder of their credits toward Major I from advanced courses in the biological sciences. (Ordinarily only one course from the 200 level may be selected for Major I. Advisors must be consulted for exceptions.) Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval of the Biology Department.

Graduate Courses  Qualified seniors may register for graduate courses with the consent of the instructor and permission of the chair.
Undergraduate Research

Honors Work Outstanding students who wish to do individual research under the direction of a member of the department should register for BIOL 490. This course is also required for students who wish to qualify for departmental honors at graduation.

Experimental Biology Students who do not qualify for honors work but who are motivated to undertake a research problem under the supervision of a faculty member are directed to BIOL 480-483.

Students Teach Students BIOL 460 provides qualified majors with a unique opportunity to do laboratory teaching.

Minor for Major I 12 cr from one of the following fields: chemistry, physics, public health, mathematics, anthropology, psychology. Other minors by special permission of department advisor. All minors must consist of at least 2 courses beyond the basic requirements.

Preparation for Teaching In cooperation with the Division of Programs in Education, the Department of Biological Sciences offers opportunities for students to prepare for a teaching career in the secondary schools. Students who wish to teach biology and general science at the secondary level should select Major I. BIOL 206 and 460 are strongly recommended as electives.

Curriculum Guide for Major I

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<tr>
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<th>Fall</th>
<th>Spring</th>
</tr>
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<tbody>
<tr>
<td>Year 1</td>
<td>BIOL 100</td>
<td>BIOL 102</td>
</tr>
<tr>
<td></td>
<td>CHEM 102, 103</td>
<td>CHEM 104, 105</td>
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<td>Year 2</td>
<td>BIOL 204</td>
<td>BIOL 300</td>
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<td>CHEM 222, 223</td>
<td>CHEM 224, 225</td>
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<td>Year 3</td>
<td>BIOL 320</td>
<td>BIOL electives</td>
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<td>BIOL 332</td>
<td>(300 and 400 level)</td>
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<td>BIOL electives</td>
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* recommended during the first year

MAJOR II (for students planning to teach in elementary school)

The plan for this major includes the following:
A. BIOL 100, 102 (9 cr);
B. Courses approved by the departmental advisor selected from the 200 or 300 level (17 cr). BIOL 208 is recommended as an elective.

Minor for Major II The minor is in education. For details on course requirements, consult the Education statement in this catalogue.

Prerequisites or corequisites CHEM 102, 103, 104, 105; PHYS 101 (or PHYS 110, 120); MATH 103.

Graduate Study Biology majors are encouraged to register for graduate courses in their senior year. Students who plan to enter graduate school should consult a departmental advisor early in their college careers. A reading knowledge of one or two foreign languages is usually required. Recommended languages are French and German. Examine the catalogues of the graduate schools of your choice for specific entrance requirements.

COURSE LISTINGS

| BIOL 100 Principles of Biology I 7 hrs (3 lec, 3 lab, 1 disc), 5 cr. Offered Fa. Fundamental concepts: evolution, genetics, cell theory, development, integration at organismal level. |
| BIOL 102 Principles of Biology II 6 hrs (2 lec, 3 lab, 1 disc), 4 cr. Prereq: BIOL 100 or equiv. Offered Sp. Comparative physiology of plants and animals, behavior and ecology. |
| BIOL 120 Anatomy and Physiology I 6 hrs (3 lec, 3 lab), 4½ cr. Prereq: BIOL 120 or equiv. Offered Fa. Cell structure and function, histology, nervous, muscular, and skeletal systems, integument. (Recommended for pre-Nursing) |
| BIOL 122 Anatomy and Physiology II 6 hrs (3 lec, 3 lab), 4½ cr. Prereq: BIOL 120 or equiv. Offered Sp. Structure and function of digestive, excretory, endocrine, and reproductive systems. Basic concepts metabolism, embryology. (Recommended for pre-Nursing) |
| BIOL 200 Environmental Microbiology 3 hrs (lec and demo), 3 cr. Prereq: BIOL 100, 102, or equiv. Offered Fa. Microorganisms in normal and polluted environments—spills, waste and water treatment, metallic pollutants. |
| BIOL 204 Cell Biology 6 hrs (2 lec, 3 lab, 1 disc), 4 cr. Prereq: BIOL 100, 102, or equiv., CHEM 102, 103, 104, 105. Offered Fa. Cells and organisms; assembly and division, experimental techniques, microbial populations; control, metabolism. |
| BIOL 208 Ecology 3 hrs (lec or field trips), 3 cr. Prereq: BIOL 102. Offered Fa. Biotic communities, biogeochemical cycles, populations, rates, competition, predations, major biomes. |
| BIOL 210 Advanced Physiology 2 hrs (lec), 2 cr. Recent advances in cellular and molecular medicine and human physiology. (Open to RN Pathway students only) |
| BIOL 211 Advanced Physiology 3 hrs (lab), 1½ cr. Laboratory experiments relevant to human physiology. (Open to RN Pathway students only) |
| BIOL 220 Topics in Genetics and Evolution 3 hrs (lec), 3 cr. Prereq: BIOL 100 or 120. Genetic principles, implications in evolution, agriculture, nursing and medicine, behavior, politics, law, and religion. |
| BIOL 230 Fundamentals of Microbiology 5 hrs (2 lec, 3 lab), 3 cr. Prereq: BIOL 100, 102 or 120, 122, or equiv., CHEM 100, 102 or 120, 103, 104, 105, or equiv. Microorganisms, structure, function, distribution: importance in health, sanitation, and industry; viruses. (Recommended for pre-Nursing) |
| BIOL 252 Comparative Anatomy of the Vertebrates 6 hrs (2 lec, 4 lab), 4 cr. Prereq: BIOL 102 or equiv. Chordate evolution: morphology and development of organs and organ systems. Dissection of dogfish, cat. |
| BIOL 274 Physiology of Activity 4 hrs (2 lec, 2 lab), 3 cr. Prereq: BIOL 100, 102. Muscle contraction, work and mechanical efficiency, exercise, circulatory and respiratory adaptations. |
| BIOL 276 Introduction to Endocrinology 3 hrs (lec), 3 cr. Prereq: BIOL 100, 102 or 120, 122. Hormones, mechanism of action, control and regulation influence on metabolism, reproduction, Neurosecretion, behavior. |
| BIOL 279 Physiology of the Nervous System 3 hrs (lab), 1 cr. Prereq: BIOL 100, 102, coreq: BIOL 278. Neurophysiological experiments, histology, anatomy, and development of nervous system. Sensory processes. |
| BIOL 280 Biochemistry of Health and Nutrition 3 hrs (lec, 1 demo), 3 cr. Prereq: BIOL 100, 102 or 120, 122, CHEM 100, 120. Basic biochemistry in areas related to human health and nutrition. Designed for students in dietetics and RN Pathway. |
| BIOL 300 Molecular Biology 7 hrs (3 lec, 4 lab), 5 cr. Prereq: BIOL 204, CHEM 222, 223, coreq: CHEM 224, 225. Offered Sp. Amino acids, proteins, carbohydrates, lipids, nucleic acids; genetic regulation of protein synthesis; thermodynamics. |

*A $15 materials fee is required.
BIOL 320 Genetics 3 hrs (lec), 3 cr. Prereq: BIOL 300. Offered Fa. Transcription, translation, coding problems, control mechanisms. Molds, viruses, bacteria, higher organisms.


BIOL 332 Cell Physiology 6 hrs (2 lec, 4 lab), 4 cr. Prereq: BIOL 300. Offered Fa. Biological transport, excitation, motility, and bioenergetics. Plant and animal cells.


BIOL 400 Laboratory in Cell Fine Structure 4 hrs (lab), 2 cr. Prereq: BIOL 300. Offered Sp. Electron microscopy techniques, transmission microscopy; thin sectioning, negative staining. Darkroom procedures.

BIOL 480 Introduction to Planning and Teaching of Laboratory Work in Biology 5 hrs (2 planning, 3 lab), 2 cr. Prereq: 16 cr in BIOL, 12 cr in CHEM, 2 letters faculty rec. Participate in discussions and teaching of experiments that will best demonstrate biological concepts.

BIOL 470, 471 Special Topics in Biology 2 hrs (lec), 2 cr per sem. Prereq: BIOL 300. Specific area of contemporary interest in biology. Topics change from term to term.

BIOL 480-483 Introduction to Experimental Biology 1 or 2 hrs, 1 or 2 cr per sem. Prereq: 18 cr in BIOL, 3.2 GPA or letter faculty rec. Individual laboratory investigation for advanced students, with guidance of faculty member. Non-honors research.

BIOL 490 Introduction to Research 1 or 2 hrs, 1 or 2 cr per sem. Prereq: 18 cr in BIOL, 3.2 GPA in BIOL, 2.8 overall GPA, 2 letters faculty rec. Honors research in biology. Faculty supervision. Candidates for honors must take this course.

Students majoring in nursing or the health sciences, psychology, political science, communications, sociology, history, and many other subject areas often choose to minor in Black & Puerto Rican Studies, particularly when their career interests include working in urban areas with Black and Puerto Rican constituents. Similarly, students preparing to teach, and therefore minoring in education, often choose to major in Black & Puerto Rican Studies.

Students may concentrate their program of study in the social science or humanities offerings of the department or in a combination thereof. This concentration may be pursued in the African or Puerto Rican concentration or in a combination of both.

Distribution Requirement No courses offered toward fulfillment of the major may also be offered toward the distribution requirement. We suggest, but do not require, that students who are thinking of continuing the study of this subject on the doctoral level elect French or Spanish, Swahili or Yoruba to meet the foreign language portion of the distribution requirement.

Major The major consists of 30 credits, not including departmental courses taken to fulfill the distribution requirement. Courses to be taken are as follows:

1. 6 credits from among the courses BLPR 201.1-201.2, 202.2, 241, 242
2. 3 credits from BLPR 281.1, 281.2
3. 21 credits, of which at least 12 must be taken in 300- and 400-level courses. At least 3 credits must be taken in Puerto Rican studies if the student's concentration is in African studies and vice-versa.

Minor The minor should be chosen in consultation with the student's department advisor. A student may choose 12 credits from any discipline in the humanities or social sciences, or 6 credits from each of any 2 disciplines in either the humanities or social sciences. Students who wish to use the education sequence for a minor should file notice of their intention on the Registrar's Choice of Major-Minor Concentration form not later than the upper sophomore semester.

Preparation for Teaching In cooperation with the Division of Programs in Education, the Department of Black & Puerto Rican Studies provides opportunities for students to prepare for careers in teaching at the secondary and elementary level. Students who wish to qualify for licensing in New York City or certification in New York State should consult the Education statement in this bulletin. Additional information can be obtained from the department's coordinator of Teacher Education Program.

Black & Puerto Rican Studies

Department office (old) Thomas Hunter room 101 (new) West Building 11th floor

Chair (acting) David J. Hodges (on special assignment from the Department of Educational Foundations)

Professors Clarke

Associate Professors Pierce, Torres-Santiago

Assistant Professors Richards, Zentella

Instructors Mendez, Sears

Lecturers Bain, Kassamali

Advisors (day) Dona Richards (evening) Jaffer Kassamali

Unique among the academic departments at Hunter College, the Department of Black & Puerto Rican Studies was established originally at the initiative of both students and faculty.

The department is multidisciplinary with a faculty whose expertise encompasses the disciplines of anthropology, history, literature, linguistics, political science, et al. Its curriculum provides creative, new approaches to the history, culture, and politics of Africanders and peoples of African descent, through the world, as well as of Puerto Ricans in Puerto Rico and the United States.

In keeping with recent developments in the field, the department emphasizes an action-oriented curriculum that prepares students for graduate study and research in the social sciences and humanities, for entrance into professional schools such as law, social work and urban studies, and for careers in government and with community agencies.

Graduates of the department have gone on to careers in journalism, counseling, teaching; some work in museums, others have entered politics, still other have careers in private industry.

COURSE LISTINGS

BLPR 100 Introduction to Black Politics 3 hrs, 3 cr. Offered D/ Fa. General survey of politics of African world with major emphasis on politics in Black America.

BLPR 141 Puerto Rican Folklore 3 hrs, 3 cr. Study of Puerto Rican folklore: traditional beliefs, legends, religious rites, and typical music.

BLPR 143 The Image of the Puerto Rican National Identity in Its Literature 3 hrs, 3 cr. Prereq: reading knowledge of Spanish. E/Fa. Analysis of literary work of Puerto Rican authors and image of Puerto Rican society which it portrays.

BLPR 181 Language and Ethnic Identity 3 hrs, 3 cr. Role of language in perception of self and world.

BLPR 182 Culture and Ethnic Identity 3 hrs, 3 cr. Acquaints students with social structure and world view as aspects of culture.

BLPR 201.1 African History from the Origin of Man to 1600 AD 3 hrs, 3 cr. African history as part of world history; role Africans played in development of other nations and civilizations.
BLPR 201.02 African History from 1600 AD to Present 3 hrs, 3 cr. Main currents of African history from 1600 AD to present.


BLPR 211 Black Economic History 3 hrs, 3 cr. Survey of economic behavior of Black Americans since 1619, with African background.

BLPR 220 Afro-American Humanism 3 hrs, 3 cr. Investigation into nature and expression of unique ethos which made for survival of Afro-American humanity.

BLPR 222 African Civilization to 1900 3 hrs, 3 cr. Introduction to study of African civilization from Afro-centric perspective.

BLPR 235 African Literature 3 hrs, 3 cr. Introduction to contemporary African literature written both in English and in French.

BLPR 236 Afro-American Literature 3 hrs, 3 cr. Introduction to Afro-American writing, from earliest expressions to present.

BLPR 237 Afro-Caribbean Literature 3 hrs, 3 cr. Introduction to poetry, novels, and "protest" literature of the English, French, and Spanish-speaking islands of Caribbean.

BLPR 241 Puerto Rican History I 3 hrs, 3 cr. Puerto Rican history from Taino culture in 15th century to end of Spanish colonialism in 19th century.

BLPR 242 Puerto Rican History II 3 hrs, 3 cr. Analysis of socio-historical processes of 20th-century Puerto Rican history.

BLPR 243 Puerto Rican Culture 3 hrs, 3 cr. General study of Puerto Rican culture and ethnic mixtures that went into making of that culture.

BLPR 244 The Puerto Rican Ethnic Community in New York 3 hrs, 3 cr. Survey of research in problems of adaption, mobility, and social change in New York's Puerto Rican community.

BLPR 245 Puerto Rican Literature I & II 3 hrs, 3 cr each. Prereq: reading knowledge of Spanish. Critical historical survey of Puerto Rican literature from its origin to modernism.

BLPR 246 Spanish Language In Puerto Rico 3 hrs, 3 cr. Prereq: reading knowledge of Spanish. Survey of literature through structural analysis of Puerto Rican Spanish, including basic linguistic concepts.

BLPR 255 The Puerto Rican Child in American Schools 3 hrs, 3 cr. Survey of educational system viewed as an encouraging institution.

BLPR 270 Economic History of Puerto Rico 3 hrs, 3 cr. Stages in development of Puerto Rican economy. Economic structures and institutions from pre-colonial days to present.

BLPR 276 The Puerto Rican Family 3 hrs, 3 cr. Investigation of structure and function of Puerto Rican family on island and mainland.

BLPR 290 Selected Topics in Black and Puerto Rican Studies 3 hrs, 3 cr. Experimental course. Topics change according to instructor.

BLPR 304 Men and Movements ofBlack Urban Ghetto 3 hrs, 3 cr. Prereq: BLPR 202.1, 202.2 Personalities and movements that have influenced Black ghettos of United States; focuses mainly on 20th century.


BLPR 313 Slavery 3 hrs, 3 cr. Prereq: BLPR 202.1 or perm. Inst. Historical overview of slavery from antiquity to slavery in Americas. Evolution as critical factor.

BLPR 314 Blacks in Labor and Politics 3 hrs, 3 cr. Prereq: BLPR 202.2, 205, or perm. Inst. Black labor from emancipation to present. Emphasis on period between New Deal and present.

BLPR 318 Women in Africa 3 hrs, 3 cr. Prereq: BLPR 222 or perm. Inst. Examination of African womanhood in traditional setting during colonialism and neo-colonialism, independence, and revolution.

BLPR 319 Afro-American Woman 3 hrs, 3 cr. Prereq: BLPR 222 or perm. Inst. African American woman in Black experience; struggle for liberation, Black family, and sustaining of Black culture.

BLPR 322 African World View: Philosophy and Symbolic Thought 3 hrs, 3 cr. Prereq: BLPR 222 or perm. Inst. Offered every other year. In-depth examination of African metaphysical thought with emphasis on philosophical and religious concepts which underlie African civilization.

BLPR 323 Islam and Christianity in Africa 3 hrs, 3 cr. Prereq: BLPR 222 or perm. Inst. Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.

BLPR 324 Cultural Dynamics of Afro-American Heritage 3 hrs, 3 cr. Prereq: BLPR 220 or perm. Inst. Ethno-historical survey of development of Black culture in the diaspora; reinterpretation of African forms in Western European environment.

BLPR 330 Autobiography as a Special Theme in Black Literature 3 hrs, 3 cr. Offered every other year. Treatment of autobiographical works of Black authors in US, Caribbean, and Africa during 19th and 20th centuries.


BLPR 352 Power Structure in Puerto Rico 3 hrs, 3 cr. Historical survey of colonial policies since 16th century; Puerto Rican political movements and parties.

BLPR 355 Spanish Afro-Antillean Poetry 3 hrs, 3 cr. Prereq: Reading knowledge of Spanish. The Black theme in Antillean poetry through its main figures.
Chemistry

Department Office  North Building room 1407

Chair  M. H. J. Wijnen
Professors  Barrett, Reveridge, Dannenberg, Hecht, Hoyer, Lichter, Massa, Santor, Tomasz, Wijnen
Associate Professors  Grohmann, Grossman, Lavallee, Sweeney
Assistant Professors  Barton, Day, Diem
Advisors  (day) William Grossman  (evening) Charles Hecht

The Department of Chemistry offers courses to prepare the science major for professional work and further study in chemistry and other fields of pure and applied science. Courses for the non-science major are designed to present those essentials of chemical fact and theory which will contribute to the student’s understanding of present-day scientific knowledge.

Distribution Requirement  No more than 2 chemistry courses may also be offered toward the distribution requirement. We suggest, but do not require, that students who are thinking of continuing the study of chemistry on the doctoral level elect German, French, or Russian to meet the foreign language portion of the distribution requirement. We also recommend that majors elect courses in physics and mathematics.

No chemistry course can satisfy the distribution requirement unless credit has been earned in both lecture and corresponding lab.

Major  There are two chemistry majors: Major I, a 40-credit concentration, is designed to prepare the student with intensive training for professional research and graduate study. Major II, a 26-credit concentration, when combined with a 12-credit approved allied minor, will prepare the student for a career in medicine, dentistry, industry, or teaching.

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

Chemistry Major  The requirements for this major consist of 40 credits in chemistry. There is no allied minor. This major is recommended for students preparing for admission to graduate school or for careers in chemical research. It will also be useful to students seeking a position in the chemical or allied industries, as it is accredited by the Committee on Professional Training of the American Chemical Society.

The 40-credit major consists of CHEM 222 with 223, 224 with 225, 249, 252, 254 with 255, 257, 349, and 366. In addition, 2 additional lecture courses must be chosen from among the following: CHEM 322, 352, 376, 377, and 345. Also acceptable for completion of Major I are PHYS 330, PHILO 362 or 368. Students should be aware, however, that if either of the philosophy courses is used to complete the Major I requirements, the major will not be eligible for accreditation by the American Chemical Society. One year of physics, PHYS 111 and 121, and 4 semesters of mathematics, MATH 150, 155, 250, and 254, are also required for this major; CHEM 249, MATH 150 and 155, and PHYS 121 are prerequisites for CHEM 252 and should be completed by the end of the sophomore year. College Russian or German sufficient to meet Hunter’s distribution requirement in foreign languages is required.

Major I is required of all students who wish to be considered for certification to the American Chemical Society upon graduation. It is recommended for all students intending to enter the profession.
of chemistry either via graduate study or via employment in industry or government.

Students who can attend only in the evenings should consult the department advisor regarding the feasibility of completing chemistry major I.

Chemistry Major II  The requirement for this major consists of 26 credits in chemistry with 12 credits of an approved minor. The 26 credits are obtained from the following courses: CHEM 222 with 223, 224 with 225, 249, 252, 254 with 255, and 257. One year of physics, PHYS 111 and 121, and 3 semesters of mathematics, MATH 150, 155, and 250, are also required for Major II. Majors may satisfy the College foreign language requirement with any language of their choice. Major II is recommended for those preparing for admission to medical and dental schools, certification as secondary school teachers of chemistry, and positions in the chemical industry.

Minors for Major II  Any combination of the required physics and math courses, totaling 12 credits, may be used as a minor. If students prefer to elect a minor in biological sciences, economics, or geology, they must consult with the department chair.

Honors Work  Opportunity for individual research experience is provided by an honors course, CHEM 481—Introduction to Research.

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

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

Preparation for Teaching  In cooperation with the Division of Programs in Education, the Department of Chemistry provides opportunities for students to prepare for careers in teaching at the secondary level in the areas of chemistry and general science. Students who wish to qualify for the New York City licensing and/or New York State certification for teaching in secondary schools should consult the Programs in Education statement in this bulletin.

EDUC 362, a course in methods of teaching chemistry in secondary schools, is provided as an option for accepted seniors.

In addition to a course in methods of teaching chemistry or general science, students preparing to teach in secondary schools must take 16 credits in education. Details of these requirements and all descriptions of education courses, including the courses in methods, will be found in the Programs in Education statement in this catalogue.

COURSE LISTINGS

NOTE: No student may receive credit for both CHEM 100–101 and 102–103, or for CHEM 120–121 and 222–223.

CHEM 100  Essentials of General Chemistry Lecture*  3 hrs, 3 cr. Course presents essential facts, laws, and theories of general chemistry.

CHEM 101  Essentials of General Chemistry Laboratory*  3 hrs, 1½ cr. Prereq or coreq: CHEM 100. Experiments designed to illustrate fundamental laws and techniques of general chemistry.

CHEM 102  General Chemistry I**  3 hrs, 3 cr. Coreq: CHEM 103. In-depth introduction to stoichiometric calculations, thermodynamics, redox reactions, electrochemistry, and chemical equilibrium.

CHEM 103  General Chemistry Laboratory I**  4 hrs (3 lab, 1 recit), 1½ cr. Coreq: CHEM 102. Study of experiments designed to illustrate fundamental laws and techniques of chemistry.

CHEM 104  General Chemistry II*  3 hrs, 3 cr. Prereq: CHEM 102 and 103, or CHEM 100; perm. chair; coreq: CHEM 105. In-depth introduction to atomic and molecular structure and chemical bonding.

CHEM 105  General Chemistry Laboratory II*  3 hrs, 1½ cr. Prereq: CHEM 103; coreq: CHEM 104. Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.

CHEM 120  Essentials of Organic Chemistry Lecture*  3 hrs, 3 cr. Prereq: CHEM 100; prereq or coreq: CHEM 101. Course presents essential facts, laws, and theories of organic chemistry.

CHEM 121  Essentials of Organic Chemistry Laboratory*  3 hrs, 1½ cr. Prereq or coreq: CHEM 120; prereq CHEM 101. Experiments designed to illustrate fundamental laws and techniques of organic chemistry.

CHEM 222, 224  Organic Chemistry Lectures I and II  3 hrs, 3 cr. each. Prereq: CHEM 104 and 105; for CHEM 224, CHEM 222. Structure, bonding, and reactions of organic molecules. Synthesis, stereochemistry, spectroscopy, reaction mechanisms.

CHEM 223  Organic Chemistry Laboratory I  5 hrs, 2½ cr. Prereq: CHEM 105; prereq or coreq: CHEM 222. Offered E/F, DiFa,Sp. Various organic syntheses, crystalization, distillation, extraction, chromatography, qualitative analysis, spectroscopy.


CHEM 249  Quantitative Analysis  9 hrs (3 lec, 6 lab), 6 cr. Prereq: CHEM 104 and 105. Offered E/Fa, DiSp. General survey of modern quantitative methods, emphasizing acid-base and redox equilibria and chemical separations.

CHEM 252  Physical Chemistry I  3 hrs, 3 cr. Prereq: CHEM 249, MATH 155, PHYS 121. Ideal and real gases, laws of thermodynamics, examination of thermodynamic properties of chemical systems.

CHEM 254  Physical Chemistry II  3 hrs, 3 cr. Prereq: CHEM 252 and MATH 250; coreq: CHEM 255. Phase equilibria, kinetics, dielectric properties, electrochemistry, transport processes, phenomena at interfaces.

CHEM 255  Physical Chemistry Laboratory I and II  3 hrs, 1½ cr each. Prereq: CHEM 249; prereq or coreq: CHEM 252. Laboratory course involving experiments based on topics covered in CHEM 252 and 254 on chemical systems.

CHEM 291  Chemical Investigations  4 hrs, 1 cr or 8 hrs, 2 cr. Prereq: CHEM 224 and perm. chair; coreq or prereq: CHEM 249. Original chemical investigations under supervision of faculty member. Written report required. Enrollment for maximum of 2 semesters.

CHEM 322  Organic Chemistry Lecture III  3 hrs, 3 cr. Prereq: CHEM 224 and perm. Inst. Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy.

CHEM 345  Computers in Chemistry  5 hrs (2 lec, 3 lab), 3 cr. Prereq: CHEM 252 or perm. Inst. Laboratory data acquisition, reduction, instrument control. Graphics. Hands-on laboratory. No previous programming experience necessary.

CHEM 349  Instrumental Analysis  8 hrs (2 lec, 6 lab), 5 cr. Prereq: CHEM 254 with 255. Offered DiFa. Principles of modern instrumental techniques; emphasis on spectroscopic and electrometric methods.

CHEM 352  Physical Chemistry III  3 hrs, 3 cr. Prereq: CHEM 254. Offered DiSp. Introduction to quantum chemistry, with application to atomic and molecular structure and chemical bonding.

* CHEM 100–101 and 120–121 are primarily for nursing, home economics, and health science students.

** CHEM 102–105 are primarily for pre-med, medical laboratory technician, and science majors.

† These courses require a $15 materials fee.
CHINESE DIVISION OF CLASSICAL AND ORIENTAL STUDIES

Division Office  (old) North Building room 741 (new) West Building room 1326

Director Lionel Tsao
Associate Professor Tsao
Lecturer Huang
Advisors (day) Lionel Tsao (evening) Kenny Huang

The Chinese Division offers courses in Chinese (Mandarin) language and literature and in Chinese culture. It participates in interdisciplinary programs and works closely with these programs in curricular planning. Many majors go on to graduate school, in the United States or abroad, upon completing their bachelor's degree. Others find their knowledge of Chinese useful in a variety of careers, e.g., government service, business, journalism, or bilingual education.

Distribution Requirement Chinese language courses may be used to fulfill the foreign language requirement. CHIN 111 and 211 may be used to fulfill Category IV of the distribution requirement.

Major The major consists of 24 credits chosen from the following CHIN-prexified courses: 201, 202, 207, 301, 302, 303, 304, 401, 402.

Minor The minor consists of a minimum of 12 credits beyond CHIN 101-102.

Allied Minor A Chinese major may take a minor in any department or program but may not apply to the minor more than 6 credits also offered for the distribution requirement.

Advanced Placement Students who elect Chinese as their required language and have studied the language abroad or at home must consult the head of the Chinese Division for advanced placement or exemptions.

Electives All courses, unless otherwise stated in course descriptions, are open to qualified students majoring in other disciplines.

COURSE LISTINGS

CHIN 101, 102 Elementary Chinese I & II 3 hrs, each sem., 6 cr. Offered D/F, F/E. Beginning course in Mandarin. First 8 weeks devoted to pronunciation and basic structure, in Yule romanization only; characters introduced thereafter. CHIN 101 not creditable without 102.

CHIN 103 Elementary Chinese Conversation I 2 hrs, 2 cr. Intensive practice in Mandarin; emphasis on pronunciation and basic sentence patterns. Sister course to CHIN 101. Especially recommended to non-Mandarin speakers.

CHIN 104 Elementary Chinese Conversation II 2 hrs, 2 cr. Prereq: CHIN 103 or equiv. Continuation of CHIN 103. Sister course to CHIN 102.

CHIN 105 Chinese Calligraphy I 2 hrs, 1 cr. Theory and practice of Chinese calligraphy as an art. No knowledge of Chinese required; open to all students.

CHIN 106 Chinese Calligraphy II 2 hrs, 1 cr. Prereq: CHIN 105 or equiv. Continuation of CHIN 106. May be repeated for additional semesters.

CHIN 107 Intensive Elementary Chinese 15 hrs, 6 cr. Offered D/Su. Equiv. of CHIN 101 and 102 in 6 weeks.

CHIN 111 Chinese Culture I 3 hrs, 3 cr. Offered D/F, F/E. Sp. Introduction to Chinese cultural tradition with emphasis on pre-Chin period.

CHIN 112 Chinese Culture II 3 hrs, 3 cr. Emphasis on period from Neo-Confucianism to Communism.

CHIN 201 Intermediate Chinese I 3 hrs, 3 cr. Offered D/E/F, F/E. Prereq: CHIN 102 or equiv. Reading of literature in pai-hua (vernacular style) with emphasis on structural use of "function words" and vocabulary-building.

CHIN 202 Intermediate Chinese II 3 hrs, 3 cr. Offered D/E/F, F/E. Prereq: CHIN 201 or equiv. Continued reading of literature in pai-hua; introduction to literature in journalistic style.


CHIN 204 Intermediate Chinese Conversation II 2 hrs, 2 cr. Prereq: CHIN 203 or equiv. Intensive practice in Mandarin at 4th-level semester.

CHIN 207 Intensive Intermediate Chinese 15 hrs, 6 cr. Offered D/Su. Equiv of CHIN 201 and 202 in 6 weeks.

CHIN 211 Topics in Chinese Culture 3 hrs, 3 cr. Topics include Chinese religion, Buddhism, archaeology, Taoism, and theatre.

CHIN 301 journalistic Chinese Literature I 3 hrs, 3 cr. Prereq: CHIN 202 or equiv. Intensive reading and translation of literature written in journalistic style.

CHIN 302 journalistic Chinese Literature II 3 hrs, 3 cr. Prereq: CHIN 301 or equiv. Extensive reading and translation of literature written in journalistic style.

CHIN 303 classical Chinese Literature I 3 hrs, 3 cr. Prereq: CHIN 301 or equiv. Intensive study of literature written in Wen-yen or classical style, with attention to basic problems of syntax and literary styles.

CHIN 304 classical Chinese Literature II 3 hrs, 3 cr. Prereq: CHIN 303 or equiv. Continuation of CHIN 303. Selections from Men-chen and Ku-chen-chen among other works written in Wen-yen or classical style.

CHIN 307 classical Chinese Poetry 3 hrs, 3 cr. Prereq: CHIN 303 or equiv. Close textual and stylistic analysis of texts selected from standard verse forms, with emphasis on Tang shih and Sung Tzu.

CHIN 355 classical Chinese Fiction in English Translation 3 hrs, 3 cr. Introduction to Chinese fiction written from early times to 19th century, e.g., Dreams of the Red Chamber, Monkey, All Men Are Brothers, Romance of the Three Kingdoms.

CHIN 357 Chinese Poetry in English Translation 3 hrs, 3 cr. Major poets from the earliest times to the present day, with emphasis on the Tang period.

CHIN 401 Advanced Studies in Chinese Literature 3 hrs, 3 cr. Prereq: CHIN 302 or equiv., majors only; perm. chair. Including 20th-century literature, poetry; vocabulary building; selected advanced materials in literature.

CHIN 402 Independent Study in Chinese Literature 3 hrs, 3 cr. Prereq: CHIN 401 or equiv., majors only, perm. chair. Independent study and research in Chinese literature under supervision of a faculty member.
The ancient cultures of Greece and Rome have shaped much of our own civilization; our government, education, and even our ways of thinking. The themes and ideas of classical mythology and literature deeply influenced the development of the art, music, and literature of Western Europe; classical studies thus can provide the keys to understanding both other cultures and our own.

The Classics Division offers a full range of studies in the worlds of ancient Greece, Rome, and the Mediterranean, from a single course in classical mythology or Egyptian archaeology to majors in Greek, Latin, classical archaeology, or classical studies. Students who want to know about the classical world without learning its languages can choose from courses in civilization, literature, myth, and religion, and archaeology. In addition, the division participates in Hunter's interdepartmental programs in religion, comparative literature, archaeology, and women's studies.

Careers in research, government, and education use skills developed in classical studies, and a major in classics provides an excellent foundation for many professional programs, such as law. In addition, specialized careers—college and high school teaching, museum work, library cataloging—are open to professional classicists and archaeologists.

Distribution Requirement Greek or Latin may be taken to fulfill the foreign language component (III) of the distribution requirement. Classics courses in English may be taken to fulfill the Humanities component (IV) of the distribution requirement. Literature courses in translation, CLA 250, 251, and 253, may be taken to fulfill part of the literature component (IV) of the distribution requirement.

Majors Students who wish to major in classics have 5 choices:
1. Greek 24 credits of Greek above 101-102, and a corequisite of 6 credits of Latin.
2. Latin 24 credits of Latin above 101-102, and a corequisite of 6 credits of Greek.
3. Greek and Latin 18 credits each of Greek and Latin (may include 101-102).
4. Classical Studies 12 credits of either Greek or Latin, including 101-102, and 12 credits of classics courses given in English (CLA prefix).
5. Classical Archaeology 24 credits from the interdepartmental course pool, including CLA 220, 221, and 222 with a corequisite of 12 credits of Greek or Latin. Offered within the interdepartmental archaeology major.

Minors 12 credits in Greek, Latin, classical studies, or classical archaeology. Courses used for the distribution requirement may also be used for the major or minor where applicable. Each course is credited separately, with the exception of GRK 101-102 and LAT 101-102.

Honors, Tutorials, Preparation for Secondary School Teaching Consult the department chair for these special programs.

COURSE LISTINGS

Ancient Culture
CLA 101 Classical Mythology 3 hrs, 3 cr. Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.
CLA 110 The Greek and Latin Roots of English 3 hrs, 3 cr. Offered every semester. Elements of language structure; how languages work; Greek and Latin to help vocabulary building and clear writing.
CLA 201 Greek Civilization 3 hrs, 3 cr. Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.
CLA 202 Hellenistic Civilization 3 hrs, 3 cr. The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.
CLA 203 Roman Civilization 3 hrs, 3 cr. Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.
CLA 202 Comparative Backgrounds of Classical Mythology 3 hrs, 3 cr. Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
CLA 301 Religion of Ancient Greece 3 hrs, 3 cr. The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.
CLA 302 Paganism and Christianity 3 hrs, 3 cr. Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.
CLA 303 Women and Slaves in Classical Antiquity 3 hrs, 3 cr. Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.
CLA 304 Special Studies in Ancient Greek Culture 3 hrs, 3 cr. Offered every year. Examination of specific areas of Greek life. Topics vary from year to year.
CLA 306 Special Studies in Ancient Roman Culture 3 hrs, 3 cr. Offered every year. Examination of specific areas of Roman life. Topics vary from year to year.

Classical Literature (in English)
CLA 250 Greek and Roman Tragedy 3 hrs, 3 cr. A study of plays of Aeschylus, Sophocles, Euripides, and Seneca in their literary, religious, and social contexts.
CLA 251 Ancient Comedy 3 hrs, 3 cr. Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.
CLA 252 The Greek and Roman Theatre 3 hrs, 3 cr. Components and functions of classical theatre: myth and ritual; mask and costume; staging and production; buildings.
CLA 253 Homer and Vergil 3 hrs, 3 cr. Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.

Archaeology
CLA 220 Aegean Archaeology 3 hrs, 3 cr. Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.
CLA 221 Greek Archaeology 3 hrs, 3 cr. Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life; Delphi, Olympia, Athens.
CLA 222 Roman Archaeology 3 hrs, 3 cr. Etruscans, Roman Italy, and the Empire. Pompeii, Rome, Roman cities overseas: glass, mosaics, sarcophagi, pottery.
CLA 321 Archaeology of Egypt 3 hrs, 3 cr. Sites, cultures, and styles of ancient Egypt. Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

CLA 322 Archaeology of Mesopotamia 3 hrs, 3 cr. Sites, cultures, and styles of ancient Mesopotamia. First villages, tombs of Ur, ziggurats, palaces, tablet literature.

CLA 323 Archaeology of Iran and Anatolia 3 hrs, 3 cr. Anatolia; Troy, Hittites, royal tombs of Lydia and Phrygia. Persia: Elamite civilization and Susa; Persepolis.

CLA 324 Archaeology of Western Mediterranean 3 hrs, 3 cr. Ancient Sicily, Sardinia, Malta, Spain, and Italy, chiefly in Bronze Age. Main sites and cultures.

CLA 327 Celtic Archaeology 3 hrs, 3 cr. Celts 500 BC-500 AD: Ireland to Czechoslovakia; main sites, artifacts, and texts. Religion, art, and daily life.

CLA 325 Archaeology of Eastern Mediterranean 3 hrs, 3 cr. Cyrus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age.

CLA 329 Problems in Archaeology 3 hrs, 3 cr. Exploration in depth of particular area or period in Old World archaeology. Topics vary.

CLA 330 Field Seminar in Archaeology maximum 6 cr. Fieldwork, undertaken during a school semester or summer, under auspices of department or in an approved program, teaching excavation, or field school.

Special Courses

CLA 240 Topics in Classics 3 hrs, 3 cr. Offered every year. Examination of specific areas of classical culture, such as literature, language, or numismatics.

CLA 301 Research Methods in Classical Studies 1 hr, 1 cr. Perm. dept. Methods of research, including criticism, papyrology, epigraphy, historiography, numismatics, and archaeology.

CLA 330 Independent Study in Modern Greek 3 cr. Prereq: knowledge of modern Greek. Offered every year. Independent reading in modern Greek literature; research paper and translation examination.

Greek

GRK 101, 102 Beginning Greek 8 hrs, 8 cr. 101 offered every Fa, 102 offered every Sp.

GRK 107 Beginning Greek Intensive 6 cr. Offered summer only.

GRK 110 Greek Reading 3 hrs, 3 cr. Prereq: GRK 102 or equiv. Offered every Fa.

GRK 202 Plato 3 hrs, 3 cr. Prereq: GRK 110 or equiv.

GRK 203 Homer 3 hrs, 3 cr. Prereq: GRK 110 or equiv.

GRK 220 Koine Greek 3 hrs, 3 cr. Prereq: GRK 110 or equiv. Offered summer only.

GRK 301 Plato II 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 302 Euripides 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 303 Greek Lyric Poetry 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 304 Aristophanes and Menander 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 305 Attic Orators 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 307 Sophocles 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 308 Aeschylus 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 309 Herodotus 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 310 Thucydides 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

GRK 311 Advanced Readings in Greek Literature 3 hrs, 3 cr. Prereq: GRK 202 or equiv.

Latin

LAT 101, 102 Beginning Latin 8 hrs, 8 cr. 101 offered every Fa, 102 every Sp.

LAT 107 Beginning Latin, Intensive 6 cr. Offered summer only.

LAT 110 Latin Reading 3 hrs, 3 cr. Prereq: LAT 102 or equiv. Offered every Fa.

LAT 201 Ovid's Metamorphoses 3 hrs, 3 cr. Prereq: LAT 110 or equiv.

LAT 202 Roman Biography 3 hrs, 3 cr. Prereq: LAT 110 or equiv.

LAT 203 Vergil's Aeneid 3 hrs, 3 cr. Prereq: LAT 110 or equiv.

LAT 204 Cicero's De Senectute 3 hrs, 3 cr. Prereq: LAT 110 or equiv.

LAT 220 Medieval Latin 3 hrs, 3 cr. Prereq: LAT 110 or equiv. Offered summer only.

LAT 302 Roman Letters 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 303 Roman Comedy 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 304 Roman Satire 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 305 Vergil's Eclogues and Georgics 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 306 Cicero 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 307 Lucretius' De Rerum Naturae 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 308 Roman Epic 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 309 Lyric Poetry of the Golden Age 3 hrs, 3 cr. Prereq' LAT 201 or equiv.

LAT 310 The Roman Novel 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 311 Elegiac Poets 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 312 Livy 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 313 Caesar 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 314 Tacitus 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 315 Anthology of Latin Verse 1 hr, 1 cr. Prereq: LAT 201 or equiv.

LAT 316 Advanced Readings in Latin Literature 3 hrs, 3 cr. Prereq: LAT 201 or equiv.

LAT 103 Latin Composition 2 hrs, 2 cr. Prereq: LAT 201 or equiv.

LAT 104 Latin Composition 2 hrs, 2 cr. Prereq: LAT 201 or equiv.

LAT 205 Latin Composition 2 hrs, 2 cr. Prereq: LAT 201 or equiv.

LAT 206 Latin Composition 2 hrs, 2 cr. Prereq: LAT 201 or equiv.
Communications

Department Office  North Building (old) room 334 (new) 4th floor
Chair  John D. H. Downing
Professors  Aronson, Downing, Rosenfield, Stanley
Associate Professors  Ewen, Gibbons, Mader, Ross
Assistant Professors  Batruck, Egle, Newman, Ramay, Roman
Instructors  Shore
Lecturers  Ayerwaman, Fleishman
Advisors  Linda Eagle, Larry Shore (graduate) Stuart Ewen

The Department of Communications offers 2 programs of study: human communications studies and media studies. The department also anticipates that its Master's Program will be once more in operation by fall 1983; the graduate advisor should be contacted for further information.

Courses in human communication studies provide theoretical perspectives and practical applications in such areas as small group analysis, psychological and intercultural processes of communication, organizational communication, nonverbal messages, conflict resolution, and public address and debate. The media studies program examines the interplay among media organizations and other institutions of social power. Media control and responsibility, international communication, mass culture, media technology and production, public broadcasting, telecommunications policy, journalism skills, and media history and criticism constitute the major areas of study within the media studies curriculum. In addition to their classroom activities, students are given the opportunity to experience the real world of the communications field through Hunter College's in-service learning program. The list of institutions participating in this program includes newspapers, television networks and stations, public relations and advertising firms, municipal government agencies, and alternative media.

Distribution Requirement  COMM 160 and MEDIA 180 are the only courses in communications that fulfill the distribution requirement. No more than 3 credits of the major or minor may be applied toward the distribution requirement.

Major  Students majoring in communications must select either the human communications studies sequence or the media studies sequence.

Those selecting the human communications studies sequence must take a minimum of 24 cr as follows: COMM 160 (prerequisite to all 200- and 300-level courses in the human communications studies sequence, with the exception of COMM 240 and 385), and 21 cr from the following courses: COMM 206, 210, 215, 250, 302, 318, 320, 325, 326, 330, 332, 354, 355. Two or 3 200-level courses must be taken and at least 4 300-level courses.

Those selecting the media studies sequence must take a minimum of 24 cr as follows: MEDIA 180 (prerequisite for all 300-level courses), and 18 cr from the following courses: MEDIA 285 (recommended), MEDIA 270, 360, 381, 382, 383, 384, 387, 398, 389, 399, 391, 392, 393, 394, 595, 596. One of the following courses may be substituted for 3 of the above 18 cr: MEDIA 281, 282, 283, 284, 292, 293. All students following the media studies sequence must take POLS 111, which may be used toward the social science requirement (category VI).

Majors are encouraged to take creative courses (MEDIA 281-284, 282, 293, and COMM 101, 110) as electives in the major, that is, above the minimum 24 cr requirements. We strongly recommend that majors in one sequence take courses from the other sequence as fulfillment of their elective credits.

Minor  Students whose special interest is human communication studies should consider a minor in anthropology, English, languages, philosophy, political science, sociology, or theatre. Students whose emphasis is media studies should consider a minor in Black and Puerto Rican studies, film, economics, English, history, philosophy, political science, psychology, or sociology. The minor area and course selection must be approved by the departmental advisor.

Honors Work  The department offers COMM 499 or MEDIA 499 as part of the requirement for graduation with departmental honors. The courses are open to outstanding seniors and juniors who satisfy the GPA requirements (major GPA 3.5, cumulative GPA 3.2). Permission of chair is required. Further details concerning application are available in the Communications Department.

Independent Study  The department offers an opportunity to qualified students who have completed at least 6 cr in media studies or human communication studies at the advanced level, and who satisfy the GPA requirements (major GPA 3.0, cumulative GPA 2.8), to engage in independent research: COMM 402 and MEDIA 402. Additional details and application forms are available in the department.

Electives  All courses in the department may be taken as electives by students with majors in any other department, provided that the necessary prerequisites have been met.

COURSE LISTINGS

Human Communication Studies**

COMM 160 Introduction to Human Communication 3 hrs, 3 cr. Introduction to process of interpersonal communication: structure, rules of order, functions.

COMM 205 Critical Thinking and Language 3 hrs, 3 cr. Training in informal reasoning that is audience-centered.

COMM 210 Communication Theory 3 hrs, 3 cr. Theoretical contributions to study of communications.

COMM 215 Phonetics 3 hrs, 3 cr. Sounds of standard and dialect English; notation of International Phonetic Alphabet; social aspect of speech patterns.

COMM 250 Small Group Communication 3 hrs, 3 cr. Exploration of major theories and research findings in area of small group communications.

COMM 302 Patterns in Verbal Interaction 3 hrs, 3 cr. Structure and role of speech and language variables in human communication.

COMM 318 Organizational Communication 3 hrs, 3 cr. Exploration of role of communication consultant in contemporary organization.

COMM 320 Psychology of Communication 3 hrs, 3 cr. In-depth theoretical exploration of multiple aspects of interpersonal communication.

COMM 325 Nonverbal Communication 3 hrs, 3 cr. Study of relationship between nonverbal and verbal communication; major focus on forms, functions, effects of nonverbal messages in various situations. Theory and application considered. Extensive fieldwork, student participation, reviews of current research.

COMM 326 Semantics 3 hrs, 3 cr. Approaches to study of meaning in human communication.

COMM 330 Communication in Conflict Resolution 3 hrs, 3 cr. Characteristics of conflict situations and theoretical approaches to their resolution.

COMM 332 Communication and Social Order 3 hrs, 3 cr. Role of communication in establishing patterns in social, bureaucratic, and corporate organizations.

** All 200-, 300-, and 400-level courses in human communication studies require COMM 160 as prerequisite.
COMM 354 Persuasion and Attitude Change 3 hrs, 3 cr. Major emphasis on construction and analysis of persuasive messages.

COMM 355 Argumentation and Debate 3 hrs, 3 cr. Study of theories and techniques in argumentation and debate.

COMM 401 Seminar 3 hrs, 3 cr. Perm. inst. Readings, discussion, and papers on significant problems in field of interpersonal communication.

COMM 402 Independent Research 1-6 hrs, 1 cr per hr. Prereq: 2 advanced-level courses and perm. chair. Directed research or creative endeavor.

COMM 498 Inservice Learning Program 1-6 hrs, 1 cr per hr. Prereq: Jr/Sr only; perm. chair and host institution. Opportunity to study at professional institutions. One additional cr. may be gained by attending an inservice seminar.

COMM 499 Honors Project 3 hrs, 3 cr. Prereq: 3 advanced-level courses; Jr/Sr only; perm. chair. Supervised individual research and reading culminating in honors essay or presentation.

Creative Courses in Interpersonal Communication

COMM 101 Voice and Articulation 3 hrs, 3 cr. Development of awareness of articulation patterns, rhythm, inflection, and voice quality.

COMM 110 Effective Listening 3 hrs, 3 cr. Introduction to study of listening process. Students help examine theories and principles of communication that help illuminate various aspects of effective listening. Students engage in exercises aimed at identifying styles of listening and improving listening skills.

Media Studies

MEDIA 180 Introduction to Media Studies 3 hrs, 3 cr. Social, political, and economic factors which determine products of media organizations, and societal influence of mass media.


MEDIA 299 Special Topics in Media Studies 3 hrs, 3 cr. Prereq: variable. Not offered all times. Specific topics will be listed in Schedule of Classes for given semester.

MEDIA 370 The Press and the Public 3 hrs, 3 cr. Analysis and discussion of relationship between press and public issues of our time.

MEDIA 380 History of Broadcasting 3 hrs, 3 cr. Broadcasting's roots in industrialization, and influence on modern society.

MEDIA 381 Propaganda and the Mass Media 3 hrs, 3 cr. Study of mass media (broadcast, print, and film) as integral forms for propaganda.

MEDIA 382 Myths and Images in the Media 3 hrs, 3 cr. Study of media as decisive vehicles of myth, imagery, and aesthetics in an advanced industrial society.

MEDIA 383 Popular Music and the Music Industry 3 hrs, 3 cr. Exploration of social and cultural significance of popular music; history, structure, and economics of music industry. Particular emphasis on popular music from fifteenth to present.

MEDIA 384 Women and Media 3 hrs, 3 cr. Examination, from historical and formal perspective, of ways in which women have been represented by mass media in America since mid-19th century. Exploration of how feminists for 100 years have challenged these images and poised alternative modes of cultural representation and production.

MEDIA 387 Third World Images: Media of Resistance 3 hrs, 3 cr. Focuses on challenges by third world films and film-makers to Western media stereotypes of Third World.

MEDIA 388 Public Telecommunications 3 hrs, 3 cr. Programming, philosophy, conflicts, and funding problems in instructional and public television.

MEDIA 389 Contrasting Media Systems 3 hrs, 3 cr. Contrasts media systems in selected foreign countries from point of view of (1) degree to which system satisfies individual and social needs, (2) the degree of government and private control, (3) degree of sophistication and diffusion.

MEDIA 390 Broadcast Journalism 3 hrs, 3 cr. Structure and operations of radio and television news in relation to social, political, and economic institutions.

MEDIA 391 History of Print Journalism 3 hrs, 3 cr. Development of newspapers and magazines as social force.

MEDIA 392 Communications: Technology and Change 3 hrs, 3 cr. Examination of media technologies, their development, and their impact on quality and organization of human life.

MEDIA 393 Media Literacy 3 hrs, 3 cr. Introduction to concept and application of media literacy.

MEDIA 394 Mass Communications and the Law 3 hrs, 3 cr. Relationship of mass media to significant constitutional problems.

MEDIA 395 Mass Media in Developing Countries 3 hrs, 3 cr. Exploration of impact of transnational corporations on developing countries and issues of cultural domination.

MEDIA 396 Policy Issues in International Communication 3 hrs, 3 cr. Examination and analysis of policy issues raised by structures, flows, and contents of international communication.

MEDIA 399 Special Issues in Media Studies 3 hrs, 3 cr. Prereq: variable. Not offered all times. Specific issues will be listed in Schedule of Classes for given semester.

MEDIA 401 Seminar 3 hrs, 3 cr. Prereq: perm. inst. Readings, discussion, and papers on significant problems in field of media studies.

MEDIA 402 Independent Research 1-6 hrs, 1 cr per hr. Prereq: 2 advanced-level courses and perm. chair. Directed research or creative endeavor.

MEDIA 498 Inservice Learning Program 1-6 hrs, 1 cr per hr. Prereq: Jr/Sr only; perm. chair and host institution. Opportunity to study at professional institutions. One additional cr. may be gained by attending an inservice seminar.

MEDIA 499 Honors Project 3 hrs, 3 cr. Prereq: 3 advanced-level courses; Jr/Sr only; perm. chair. Supervised individual research and reading culminating in honors essay or presentation.

Creative Courses in Media Studies

MEDIA 281 Television Production I 3 hrs, 3 cr. Introduction to fundamentals of video production.

MEDIA 282 Television Production II 3 hrs, 3 cr. Prereq: MEDIA 281. Advanced course designed to enhance skills and techniques developed in MEDIA 281. Projects expected to reflect greater degree of sophistication.

MEDIA 283 Television Production III 3 hrs, 3 cr. Prereq: MEDIA 281, 282. Post-production course that focuses on developing skills necessary for completion of a professional video program. Electronic video editing and production will focus on non-studio video techniques.

MEDIA 284 Television Production IV 3 hrs, 3 cr. Prereq: MEDIA 281, 282, 283. Most advanced course in television production, eventually to be taught with color facilities. Focus will depend upon instructor, present focus on elements of television drama.

MEDIA 292 Basic Reporting 3 hrs, 3 cr. Workshop and discussion to provide basic skills of newspaper writing.

MEDIA 293 Advanced Reporting 3 hrs, 3 cr. Prereq: MEDIA 292. Intermediate course to advance knowledge and skills in writing and reporting.

* Courses so marked require MEDIA 180 as prerequisite.
Comparative Literature

Program Office (old) North Building room 728 (new) West Building room 1201

Chair: Gerald Pinciss
Committee: Pinciss (English), Alexander (Russian), Hoffman (German), Mades (Spanish)

The interdepartmental major-minor in comparative literature is designed for students who are interested in a broad view of literature, in the interrelationships among literatures, and in a more flexible course of study than that offered by the individual literature departments. The study of comparative literature entails not simply comparing of related works in different languages or the tracing of influences among writers from different countries. It also considers literary movements and genres as well as techniques and recurring themes in world literature.

Students who major in comparative literature are especially well qualified for careers, such as teaching or translating, that make use of their language training. They are also well prepared for those professions, such as law and medicine, that recognize the importance of a broad humanistic education.

Distribution Requirement: No more than 6 credits in either the major or minor in comparative literature may also be offered toward the distribution requirement. Students who are thinking of continuing the study of comparative literature on the doctoral level should try to gain proficiency in not less than two foreign languages representing rich literary traditions, e.g., French, Italian, German, Spanish, or Russian.

Major-Minor Requirements: Because the study of at least 2 literatures in different languages is essential, students must elect a combined major-minor in comparative literature. Moreover, a good knowledge of one major foreign language, modern or classical (i.e., the ability to take 300-level courses), is a prerequisite. A reading knowledge of a second foreign language is helpful.

All majors take a core course in methodology, but the remaining classes in a student's program are arranged with the advisor in an effort to work out a balance between two different literatures, two different literary periods, and two different genres. In addition to comparative literature courses in prose fiction, drama, myth and folklore, literary movements, and literature and the arts, majors may also elect appropriate classes from such disciplines as history, philosophy, art, and anthropology.

Upon becoming a major, students will, in consultation with the chair, choose one member of the comparative literature committee as their advisor and plan a coherent, individualized program. All majors are required to review their programs with the advisor once a semester.

The major-minor consists of 36 credits distributed as follows:

A. Concentration in at least 2 periods, one of them before 1830, and in two genres (e.g., the novel and drama).

B. At least 6 cr. and no more than 9 cr. in COMPL-prefix courses. COMPL 301 is required of all majors.

C. 21-24 cr. in literature courses at the 300-level, distributed so that at least 9 cr. are in one or more foreign literatures studied in the original language, and 12 cr., constituting a minor, in a single literature. A meaningful balance between at least 2 literatures must be achieved.

D. 6 cr. chosen from among the following: CLA 250, 251, 252, 253, ENGL 381, 382; HEBR 361; CHIN 111; BLPH 201.1, 220; HIST 312, 331; ANTHC 303; PHILO 202, 204, 206, 208, 210, 212, 215, 228, 234, 314, 316, 318; HUM 380, 381.
COURSE LISTINGS*

The offerings of the comparative literature program are determined by the needs of students in the program and the faculty available. For specific information, consult the advisor.

COMPL 301 Seminar: Approaches to Comparative Literature 3 hrs, 3 cr. Study of selected major works to demonstrate scope and variety of approaches of comparative literature. Focus on conscious imitation, treatment of similar themes, use of well-defined genres and conventions as well as of concepts from history of ideas. Emphasis on close reading of texts and on development of critical vocabulary. Required of all majors in comparative literature.

COMPL 320, 321 Comparative Studies in Prose Fiction 3 hrs, 3 cr each. May be taken more than once when topic varies.

COMPL 330, 331 Comparative Studies in Drama 3 hrs, 3 cr each. May be taken more than once when topic varies.

COMPL 340 Perspectives on Literature and the Arts 3 hrs, 3 cr. May be taken more than once when topic varies.

COMPL 350, 351 Comparative Studies in Literary Movements 3 hrs, 3 cr each. May be taken more than once when topic varies.

COMPL 370, 371 Comparative Studies in Myth and Folklore 3 hrs, 3 cr each. May be taken more than once when topic varies.

COMPL 380, 381 Selected Topics in Comparative Literature 3 hrs, 3 cr each. May be taken more than once when topic varies.

COMPL 390, 391 Honors Project 3 hrs, 3 cr each. Prereq: completion of 9 cr in COMPL-prefixed courses.

*ENGL 220 is a prerequisite for all comparative literature courses.

Computer Science

Department Office  North Building (old) room 1238 (new) 10th floor

Chair  Thomas Wesselkamper
Professors  Simoes-Pereira, Wesselkamper
Associate Professors  Cohen, Tannenbaum
Assistant Professors  Rosenberg, Rubin, Strauss, Teller, Zamfirescu
Addressers (day) Howard Rubin (evening) Jose Simoes-Pereira (old) Founding Hospital room 352

Computer Science is a new, rapidly developing scientific field which has an impact on the lives of most people in technically developing societies. The Department of Computer Science offers introductory courses designed to give the student understanding and literacy in the computer field.

The department offers a major that prepares students for professional careers in business, government, or industry, or for graduate study in computer science and related fields. Because the demand for training in computer science exceeds the department's current capability, only about 80 out of nearly 500 interested students can be accepted into the major each year. Good written skills and mathematical maturity are essential to success in computer science.

Distribution Requirement  All CSCI courses apply (up to 6 credits) toward category I of the distribution requirement.

Major (39 cr)

Preliminary Courses  Before being accepted as a computer science major, a student must complete the following courses with a B average or better:

C SCI 130 Introduction to Computer Science
C SCI 200 Assembly Language Programming
C SCI 204 Discrete Structures
MATH 150 Calculus I
MATH 155 Calculus II

This sequence introduces students to the mathematical and programming concepts necessary for further study.

Required Courses  All computer science majors must successfully complete the following courses:

C SCI 201 Operating Systems
C SCI 205 Data Structures
C SCI 230 Computer Logic
C SCI 300 Formal Languages
MATH 211 Linear Algebra
STAT 213 Applied Statistics

Electives  In addition to the preliminary and required courses, each major chooses 18 hours of elective courses from 200- and 300-level CSCI courses. Of these, at most 6 may be from among CSCI 351, 352, 353, 381, 382, 385. With departmental permission, certain appropriate electives from other academic departments may be substituted.

Minor  Examples of sequences which might appropriately constitute minors would be: CSCI 130, 204, 205, and 310; or CSCI 126, 250, 350, and 355.

COURSE LISTINGS

C SCI 120 Introduction to Computers for Humanities and Social Sciences 3 hrs, 3 cr. Prereq: Passing grade in English and math proficiency exams. Intended for the nonscientist. Discussions of history, organization, and social impact of computers; introduction to art of programming in a high-level language.


C SCI 130 Introduction to Computer Science 3 hrs, 3 cr. Prereq: Passing grade in English and math proficiency exams. First course for prospective majors. Computer organization and problem-solving approaches through structured programming language.

C SCI 150 FORTRAN 1 hr, 1 cr. Prereq: CSCI 120, 130. Not for credit if student has taken CSCI 125. FORTRAN language. Data representation; numerical applications; sources of error; numerical methods. Students required to run programs on College's computing facility.

C SCI 155 PL/I 1 hr, 1 cr. Prereq: CSCI 120 or 125. Not for credit if student has completed CSCI 130. PL/I language. Structured programming; non-numerical applications; recursion; dynamic storage allocation. Introduction to data structures and operating systems.

C SCI 160 COBOL 1 hr, 1 cr. Prereq: CSCI 130 or 125 or 120. COBOL language. Introduction to data processing and commercial problems. Students required to run programs on the College's computing facility.


C SCI 165 Miscellaneous Programming Languages 1 hr, 1 cr. Prereq: CSCI 120 or 125 or 130. May be repeated once if different language is studied. Study of programming languages such as SNOBOL, LISP, APL, RPG, and Pascal. Appropriate concepts and applications. Students required to run programs on College's computing facility.

C SCI 200 Introduction to Assembly Language Programming 3 hrs, 3 cr. Prereq: CSCI 120, 125, 130. Computer structure, machine representation of information, machine language, an assembly language. Bit and byte manipulation, subroutine linkage, macros.
C SCI 201 Operating Systems and Systems Programming 3 hrs, 3 cr. Prereq: C SCI 200. Definition of functions and components of operating systems. Survey of contemporary multiprocessing/multiprogramming systems. Exploration of systems programs; their design, internal structure, and implementation.

C SCI 204 Introduction to Discrete Structures 3 hrs, 3 cr. Prereq: Passing grade in math and English proficiency exams. Mathematical background required for computer science. Sets, relations, symbolic logic, binary arithmetic, Boolean algebra, truth tables, circuits, introduction to graph theory, combinatorics.

C SCI 205 Data Structures 3 hrs, 3 cr. Prereq: C SCI 130, 204. Representation of information on computer. Storage management, accessing, and techniques of processing. Lists, linked lists, matrices, trees, graphs, digraphs. Recursive programming.

C SCI 210 Systems Analysis and Simulation 3 hrs, 3 cr. Prereq: STAT 212 and C SCI 125 or 130 or 155. Systems analysis techniques for computer system designs, computer simulation of dynamic systems, modeling concepts, elementary queuing theory, discrete simulation.


C SCI 295 Topics in Computer Science 3 hrs, 3 cr. Prereq: C SCI 130. Additional prereq vary with specific topics and are announced prior to registration. Topics include graph theory, data communications, microprocessors, complexity.

C SCI 300 Introduction to Formal Languages 3 hrs, 3 cr. Prereq: C SCI 230, 205. Recursion, regular sets, regular expressions, finite automata, context-free grammars, pushdown automata, predicate calculus.

C SCI 301 Introduction to Compilers 3 hrs, 3 cr. Prereq: C SCI 300. Basic elements found in modern compilers: BNF, Polish notation, parsing, lexical scan, syntax scan, code generation, optimization. Automatic compiler generators, loaders, and debuggers.


C SCI 320 Artificial Intelligence 3 hrs, 3 cr. Prereq: C SCI 300. Heuristic versus algorithmic methods of problem solving. Description of cognitive processes and approaches to mathematical invention. Simulation of cognitive behavior and self-organizing systems.

C SCI 322 Advanced Programming Languages 3 hrs, 3 cr. Prereq: C SCI 300. History of programming languages. Features of programming languages ALGOL, PL/I, LISP, SNOBOL, and others are investigated.


C SCI 350 Numerical Analysis 3 hrs, 3 cr. Prereq: C SCI 250. Interpolation polynomials; least curve fitting; numerical differentiation and integration; ordinary differential equations. Additional topics may be selected.

C SCI 352 Software Engineering 3 hrs, 3 cr. Prereq: C SCI 201, 205. Problems in large-scale software development including functional analysis of information processing systems, system design concepts, timing estimates, documentation, and system testing.

C SCI 355 Introduction to Linear Programming 3 hrs, 3 cr. Prereq: MATH 211 and C SCI 125 or 130 or 155. Introduction to operations research and game theory. Simplex method; inconsistency, redundancy, and degeneracy problems; two-phase method; duality; transportation problems.

C SCI 381, 382, 383 Independent Workshops in Computer Science 1 hr, 1 cr, 2 cr, 3 cr. 3 hr, 3 cr. May be repeated for maximum of 3 cr. Prereq: J/F/S with perm. Inst. and dept. Independent work, under the direction of a faculty member, in practical aspects of computing, e.g., systems programming, biomedical computing, computer-aided instruction.

C SCI 391, 392, 393 Independent Study in Computer Science 1 hr, 1 cr, 2 hr, 2 cr, 3 hr, 3 cr. May be repeated for maximum of 3 cr. Prereq: J/F/S with perm. Inst. and dept. Independent study and reading under direction of member of department. Study may involve independent research project culminating in written report.

C SCI 491, 492, 493 Seminar 1 hr, 1 cr, 2 hr, 2 cr, 3 hr, 3 cr. Prereq: C SCI 201 and perm. Inst. Topics in microprogramming, information retrieval, artificial intelligence, data communication, and other areas.

Dance

Department Office  Thomas Hunter, room 616
Director  William Siegenfeld
Professors Vislocky
Assistant Professors Siegenfeld
Adjuncts Alexander, Clinton, Manilla, McDowell, Montross, Reid
Advisors (day) William Siegenfeld, Dorothy Vislocky

The Dance Program offers courses in the technique of various styles of dance with emphasis on modern; in creative theory; and in the theoretical and scientific aspects of dance analysis.

A placement audition is required of all incoming students. A yearly evaluation audition is also required of all declared majors. Performing and technical production experience is to be fulfilled prior to graduation.

The core courses and the suggested sequences of electives prepare majors for professional careers in several areas of specialization: performing, teaching of dance and dance therapy, human movement studies, dance history, and dance criticism.

Distribution Requirement  No courses taken to fulfill the major or minor requirements may be used to satisfy the distribution requirement.

Major  The following 24-credit curriculum is required of all dance majors: DANC 111, 112, 151, 211, 221, 222, 223, 245, 331, 350. In addition, majors are advised to take from 6 to 12 credits of electives in dance to strengthen pre-professional preparation. The following table lists appropriate electives and the career specializations for which they are designed:

<table>
<thead>
<tr>
<th>Career specialization</th>
<th>Suggested electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>performing</td>
<td>DAN 345, 252, 352, 322, 323, 441, 351</td>
</tr>
<tr>
<td>teaching of dance and dance therapy</td>
<td>DAN 113, 251, 301, 302, 341, 351, PEDCO 250</td>
</tr>
<tr>
<td>human movement studies</td>
<td>DAN 341, 351, PEDCO 250</td>
</tr>
<tr>
<td>dance history and criticism</td>
<td>DAN 332, 341, ENGL 218, and related courses in art, music, and theatre</td>
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</tbody>
</table>

Minor  Students minoring in dance are required to take DANC 111, 112, 221, and 6 additional credits from the core courses or the suggested electives. All minors are advised to consult the program director before selecting their sequence of courses.
DANCE 57

COURSE LISTINGS

Dance Technique

DAN 101 Fundamentals of Contemporary Dance Technique Pre-major 3 hrs. 2 cr. Prereq: PEDCO 235 or equiv. Offered D only. Introduction to professional demands of technical achievement. Survey of concepts involved in understanding and integrating movement. Review of basic skills required for further study.

DAN 111 Contemporary Dance Technique I 3 hrs. 2 cr. 2 hrs open studio. Prereq: DAN 101. Offered D only. Analytical study of basic concepts of dance: space, time, dynamics, and design. Intermediate development of movement skills and vocabulary as required by professional demands.

DAN 112 Contemporary Dance Technique II 3 hrs. 2 cr. 2 hrs open studio. Prereq: DAN 111. Offered D only. Development of expanded movement vocabulary and increased facility; understanding dance as means of communication; ordering of movement to produce controlled performance.

DAN 211 Contemporary Dance Technique III 3 hrs. 2 cr. 2 hrs open studio. Prereq: DAN 112. Offered D only. Advanced movement experience to prepare students to carry out their own creative demands or demands of other choreographers; continued in-depth study of all concepts of dance.

DAN 212 Contemporary Dance Technique IV 3 hrs. 2 cr. 2 hrs open studio. Prereq: DAN 211. Offered D only. Development of pure dance skill to enable student to learn specific styles of dance; emphasis on expanding dynamic range and clarifying performance intention.

DAN 145 Fundamentals of Ballet 3 hrs. 2 cr. Prereq: DAN 111. Offered D only. Introduction to fundamental skills and nomenclature of ballet; nonprofessional orientation to educate student to appreciate art of ballet through participation.

DAN 245 Ballet I 3 hrs. 2 cr. 2 hrs open studio. Prereq: DAN 145. Offered D only. Study of stylistic demands and vocabulary at intermediate level; introduction to background information about ballet traditions.

DAN 245 Ballet II 3 hrs. 2 cr. 2 hrs open studio. Prereq: DAN 245. Offered D only. Continuation of traditional exercises to acquaint student with elements of classic ballet; emphasis on development of advanced technical ability to facilitate learning and teaching.

DAN 252 Ethnic Sources for Dance I 3 hrs. 2 cr. Prereq: DAN 112. Offered D only. Introduction to history and basic techniques of particular types of ethnic dance, e.g., West African Dance, classical Chinese Dance, Tai Chi.

DAN 252 Ethnic Sources for Dance II 3 hrs. 2 cr. Prereq: DAN 252. Offered D only. Continuation of in-depth study of techniques of particular types of ethnic dance.

DAN 151 Folk Forms of Dance I 3 hrs. 1 cr. Offered D only. Development of basic dance skills for participation in various recreational folk dances; exposure of student to danse and music of other cultures through communal activity.

DAN 251 Folk Forms of Dance II 3 hrs. 1 cr. Prereq: DAN 151. Offered D only. Expanded progression in folk forms of dance; presentation of new materials based on advanced skills.

Creative Theory

DAN 221 Improvisation as a Creative Process I 3 hrs. 2 cr. Offered D only. Introduction to basic skills of structured improvisation; use of these skills by individual students to explore their creative movement potential.

DAN 222 Composition I 3 hrs. 2 cr. 5 hrs open studio. Prereq: DAN 221. Offered D only. Creative assignments geared to challenge and develop all dance skills; emphasis on understanding form and its relation to content; mastering structural requirements of composition.

DAN 232 Composition II 3 hrs. 2 cr. 5 hrs open studio. Prereq: DAN 222. Offered D only. Continued application of basic principles of composition; conception, planning, and realization of complete dances; preparation of dances for concert by integrating all aspects of production.

DAN 223 Production I 4 hrs. 3 cr. 5 hrs open studio. Prereq: DAN 222. Offered D only. Practical experience in all aspects of production that contribute to realization of student's choreographic intentions: costumes, sets, lighting, publicity, and business skills.

DAN 233 Production II 4 hrs. 3 cr. 5 hrs open studio. Prereq: DAN 223. Offered D only. Advanced application of production skills to preconceplum-stage concert.

Theoretical and Scientific Aspects of Dance

DAN 102 Dance, Dancers, and the Audience 3 hrs. 3 cr. Offered D only. Lecture-demonstration course designed to introduce student audience to art of dance; open to all students; fulfills distribution requirement in humanities.

DAN 113 Basic Musichanship for Dancers 3 hrs. 2 cr. Offered D only. Application of elements of melody, harmony, and rhythm to requirements of dance performance and choreography; emphasis on rhythmic analysis of movement.

DAN 301 Theory and Practice of Teaching Dance in Elementary School 3 hrs. 2 cr. Prereq: DAN 112 or equiv. Offered D only. Evaluation, discussion, and application of various teaching methods involved in presenting creative movement to early-school-age children; practice in lesson and unit planning.

DAN 302 Theory and Practice of Teaching Contemporary Dance 3 hrs. 2 cr. Prereq: completion of 15-18 major course credits and perm. dept. D only. Analysis and synthesis of dance knowledge into applicable methods of teaching; approaches to handling various teaching situations in public school systems.

DAN 331 Historical and Philosophical Development of Dance I 1 hrs. 3 cr. Offered D only. Readings and discussions of origin and development of major forms of dance; comparative analysis with development of other art forms.

DAN 332 Historical and Philosophical Development of Dance II 3 hrs. 3 cr. Prereq: DAN 331. Offered D only. Readings, lectures, films, discussions of 20th-century ballet, modern, social, and popular theatre dance forms; analysis of individual styles and cultural trends.

DAN 341 Survey of Dance Notation Systems 3 hrs. 2 cr. Prereq: DAN 112. Offered D only. Historical survey of the notation systems of Beres, Jay, Nikolais, and Laban. Application of principles of movement analysis to development of movement awareness.

DAN 350 Anatomy and Kinesiology for Dancers 3 hrs. 3 cr. Prereq: DAN 112 or equiv. Offered D only. Anatomy of skeletal, muscular, and neuromuscular systems; analytical analysis of basic movement; application of anatomical information to proper and successful performance of dance.

DAN 351 Dance Injuries 3 hrs. 2 cr. Prereq: DAN 350. Offered D only. Identification of types and frequency of dance injuries; investigation into probable causes, prevention, care, and rehabilitative procedures.

DAN 431 Current Topics in Dance 3 hrs. 3 cr. Prereq: DAN 332. Offered D only. May be taken 2 times for credit.

DAN 480 Independent Study in Dance 3 hrs. 3 cr. Prereq: minimum of 18 dance cr; major GPA 3.0, overall GPA 2.5. In-depth study in area of special interest for qualified students under direction of faculty advisor.

DAN 490 Honors in Dance 3 hrs. TBA, 3 cr. Prereq: minimum of 18 dance cr; major GPA 3.0, overall GPA 2.5. Offered D only. Individual study leading to completion of honors essay or production book in creative performance.

DAN 498 Inservice Training Program 3 hrs. TBA, 3-6 cr. Offered D only. Prereq: perm. chair and interview with committee from Division of Humanities and Arts. For exceptionally qualified undergraduates only.
Economics

Department Office (old) North Building room 1425 (new) West Building room 1525

Chair Marjorie Honig
Deputy Chair for Accounting Alvin Kabot
Professors Geyer, Randall, Shull, K. Smith, R. Smith
Associate Professors Boaz, Chernick, Duchatelet, Flasher, Honig, Kabot, Kirshenbaum, Reimers
Instructors Bergman, Massourakis
Advisors (day and evening) inquire at department office (BA/MA) Laura Randel (old) 780 Madison Ave room 717

Many of the world’s most compelling problems are economic. The dominant problem of the 1930s was the massive unemployment of workers and resources known as the Great Depression. The wartime economy of the 1940s raised the issue of rapid redeployment of scarce resources between civilian and military needs. By the 1960s inflation was appearing as a major problem in many countries. In the 1960s attention was focused on the problems of poverty and unequal opportunity and on the worldwide slowdown in the pace of economic growth. The central problems of the 1970s and 1980s are the rising cost of energy and the emergence of the disturbing combination of high unemployment and high rates of inflation.

One way to define the scope of economics is to say that it is the social science that deals with such problems. It is concerned with the use of scarce resources to satisfy unlimited human needs and wants. The problems raised by scarcity are analyzed and solved by economists in industry, commerce, government, and the nonprofit sector.

A third of professional economists are employed in private industry, by labor unions, and by trade associations. The remainder enter government at the federal, state, or local level, either in research or policy-making positions, or are involved in teaching and research in colleges and universities.

Accountants specialize in measuring, reporting, and interpreting the financial aspects of business, governments, and institutional activities. Accounting provides the information necessary to determine and evaluate both present and projected economic activities of organizations. Professional accountants develop and apply skills in auditing, taxation, management policy, information systems, computer operations, and many other areas.

Nearly half of all accounting graduates are employed by public accounting firms. The remainder join private firms, engage in research and consulting, or practice in the government sector.

Distribution Requirement No courses offered toward fulfillment of the major may also be offered toward the distribution requirement. No more than 6 credits of the minor may also be offered toward the distribution requirement.

Majors The Department of Economics offers 2 types of major. One, requiring a minimum of 24 credits (economics major), leads to a BA degree in economics. The other (public accountancy), requiring a minimum of 27 credits, leads to a BS (Accounting) degree (CPA Preparation). The details of these are outlined below.

Grade Options Students have the option of choosing the system under which they are to be graded. The department strongly urges that economics majors who plan to go on to graduate or professional school choose letter grades. Students enrolled in the BS (Accounting) curriculum must have letter grades in the 27 credits of prescribed accounting courses.

Preparation for Teaching In cooperation with the Department of Education, the Department of Economics provides opportunities for students to prepare for a career in teaching at the secondary level. Students who wish to qualify for licensing in New York City or New York State certification should consult the Department of Education statement in this bulletin.

Electives Unless otherwise stated in the description of a course, all courses in the department may be taken by majors in any department.

Interdepartmental Fields Students may take courses in economics as part of an interdepartmental field in Inter-American affairs, energy policy studies, women’s studies, and Jewish social studies. Listings in each area discuss recommended courses.

Urban Studies Students who have selected the major-minor concentration in urban studies may select work in economics to complete either the 6-hour or the 15-hour social science component. The 6-hour social science requirement for the urban studies major may also be fulfilled in economics. Students in these programs should consult with the advisor in the Department of Urban Affairs before making course selections.

Accelerated BA/MA Program in Economics The Economics Department offers promising students the opportunity to complete both the BA and MA degrees in economics in 5 years, with a minimum of 31 credits. The program is open to talented and highly motivated students who maintain a GPA of 3.0 in economics as well as in the cumulative index. An undergraduate major in economics is required. Thomas Hunter honors students qualify on completion of a select number of undergraduate courses in economics in addition to fulfillment of the undergraduate honors and the MA requirements. Interested students are urged to apply for the program early in their junior year. Details concerning eligibility and curriculum requirements may be obtained from the department.

The Nathan Reich Scholars Program An intensive departmental program leading to a BA with honors or high honors, or an accelerated BA/MA degree. Open to especially well prepared students with a strong aptitude for economics, upon invitation of the department’s Honors Committee. Nathan Reich Scholars will complete one or more of the department’s honors courses and participate in projects and events with a current or scholarly economic interest. For further details inquire in the Department of Economics.

Departmental Honors Students with a 3.5 GPA in economics and an overall 2.8 GPA at the beginning of the upper senior semester may apply for departmental honors at that time. Registration in a 400-level course and submission of an honors paper are required. Honors papers are written under the supervision of a senior faculty member and defended before a faculty committee. GPA levels must be maintained for the award of departmental honors.

BA Degree in Economics

Major Students majoring in economics must take:

A. ECO 201 and 202 (6 cr). Although required, these courses cannot be credited to the major but may be applied toward the social sciences category of the distribution requirement. Students may begin the study of economics either ECO 201 or 202, but they are advised to take ECO 100 before 201 or 202 if they have not had recent exposure to economics in high school. If taken, ECO 100 cannot be substituted for either ECO 201 or 202, nor is it credited toward fulfilling the major.
B. ECO 220, 320, and 301 or 302 (6-9 cr). The department may waive the requirement for ECO 220 upon satisfactory proof of course equivalency or a Department of Economics examination that establishes equivalency. If course equivalency is granted, it shall be without credit and not count toward the major.

C. Elective courses (15-18 cr). The balance of the 24-credit major shall be satisfied by any other courses offered by the department. Students are advised to consult with department advisors regarding choices of electives.

Minor Economics majors may minor in any department. Students should consult the department advisors for approval of specific courses. Particularly recommended as electives are MATH 150 and 155. Also recommended as electives or as part of a mathematics minor are courses in electronic data processing and computer programming, such as CSCI 100, 200, 201, 210, and 220.

BS (Accounting) Degree

The degree of Bachelor of Science (Accounting) offered at Hunter College fulfills educational requirements for the CPA examination in New York State.

All students contemplating a career in accounting should request an interview with the chair of the Department of Economics or the chief chair for accounting or a department advisor before registering for any course as a lower freshman, or no later than the lower freshman term. To assure completion of the BS (Accounting) degree within 4 years, a full-time student should begin the accounting major sequence in the upper freshman term, if possible, and no later than the lower sophomore term by registering for ECO 271.

Distribution Requirement Students working for a BS (Accounting) degree must complete the Hunter-wide distribution requirements shown on pp. 16-17, except that:

A. In category I, in addition to 6-10 cr in science, they must choose 2 courses from among ECO 220, MATH 111, 150, 155.

B. In category III, the foreign language requirement is different:
1. Students who present 3 or more years of one foreign language* are excused from taking additional foreign language courses;
2. Students who present 2 years of one foreign language* must take 2 additional courses of advanced-level work in the same language or if they do not want to go on with that language in college, they must take 4 courses in another foreign language at the college level;
3. Students who present less than 2 years of one foreign language* must take 4 courses in that or any other foreign language at the college level.

C. In category IV, 6 cr from subdivision 1 only.

D. In category VI, 3 of the 12 required credits must be in ECO 201. (ECO 202, which must be taken as part of the professional studies requirement, does not help to fulfill the category VI distribution requirement for accounting majors.)

Professional Studies (63 cr)

Accounting (27 cr) ECO 271, 272, 371, 372, 373, 374, 471, 472, 475. An overall C average must be maintained in these 27 cr

Business Law (6 cr) ECO 280, 380

Statistics (6 cr) ECO 320 and 321 or additional Business-core elective in lieu of 321

Finance (6 cr) ECO 210, 365

Business Core required (6 cr) ECO 202 and 1 course in computer science elective (12 cr) ECO 260, 301, 315, 355, 360, 361, 362, 366, 367, 372, 373, 375, 380, and 1 course in computer science. (With departmental permission, other courses may be used as Business-core electives.)

Electives Any remaining credits needed to complete the 128 credits required for the BS (Accounting) degree must be in liberal arts electives. That is, no additional courses in the 63 cr professional area will be accepted toward the degree.

COURSE LISTINGS

ECO 100 Introduction to Economics 3 hrs, 3 cr. Basic economic concepts and thought; issues and policy.

ECO 103 Economic Background of Current Events 1 hr, 1 cr. Critical evaluation of economic causes and consequences of current economic problems and policies.

200 Level—Core Courses

Economic Theory

ECO 201 Principles of Economics I: Macroeconomics 3 hrs, 3 cr. May be taken prior to or concurrently with ECO 202. Macroeconomic principles applied to the US economy.

ECO 202 Principles of Economics II: Microeconomics 3 hrs, 3 cr. May be taken prior to or concurrently with ECO 201. Price theory and resource allocation; market structures; income distribution.

Quantitative Techniques

ECO 220 Techniques of Economic Analysis 3 hrs, 3 cr. Prereq: 3 cr college math, ECO 201 or 202. Mathematical techniques applied to micro- and macroeconomic models.

200 Level—Elective Courses

Monetary Theory

ECO 210 Money and Banking 3 hrs, 3 cr. Prereq: ECO 202. Monetary and banking principles and practice; current issues; theory and policy.

Business Economics

ECO 260 Business Organization and Management 3 hrs, 3 cr. Prereq: ECO 202 and 271 or perm. chair. Managerial functions of business enterprise; planning; staffing; organization; and control.

300 Level—Core Courses

Economic Theory

ECO 301 Intermediate Macroeconomics 3 hrs, 3 cr. Prereq: ECO 201, 202, 220. Measurement and dynamics of national income, employment, and growth; policy options.

ECO 302 Intermediate Microeconomics 3 hrs, 3 cr. Prereq: ECO 201, 202, 220. Price determination of goods and factors in markets of varied structures; general equilibrium analysis.

Quantitative Techniques

ECO 320 Economic Statistics I 3 hrs, 3 cr. Prereq: ECO 201 or 202, and 220 or 3 or 3 cr college math. Statistical theory applied to business and economic problems; correlation, regression, time series analysis.
300 and 400 Level—Advanced and Elective Courses

Quantitative Techniques

**ECO 321 Economic Statistics II** 3 hrs, 3 cr. Prereq: ECO 320. Linear and curvilinear correlation and regression; variance; testing; time series.

**ECO 420 Econometrics** 3 hrs, 3 cr. Prereq: ECO 202, 320; 220 or 3 cr. college math or perm. chair. Construction, application, and testing of economic models; mathematical and statistical techniques.

Development of Economic Thought


**ECO 306 Marxian Economics** 3 hrs, 3 cr. ECO 202; ECO 301 recommended. Critical analysis of the Marxian model and its policy implications.

Monetary and Fiscal Economics

**ECO 310 Financial Institutions** 3 hrs, 3 cr. Prereq: ECO 210. Operation, administration, and regulation of US banking, investment, and credit institutions.

**ECO 315 Public Finance** 3 hrs, 3 cr. Prereq: ECO 202. Theory and application of fiscal policy; federal budgeting; state and local finance.

Consumer Economics


Economic Development


**ECO 331 Economic History** 3 hrs, 3 cr. Prereq: ECO 201. Not open to students who have taken ECO 365. Origins of Western economic development; evolution of US economy; techniques of economic historical analysis.

**ECO 332 Economic Development of Western Europe** 3 hrs, 3 cr. Development and structure of Western European economy; performance, policies, and problems.

Urban and Regional Economics

**ECO 335 The Metropolitan Economy** 3 hrs, 3 cr. Prereq: ECO 202, perm. chair. Development of metropolitan regions; location theory; transportation, housing, and environment; interaction of public and private sectors.

**ECO 336 Regional Economics** 3 hrs, 3 cr. Jr/Sr only. Interregional trade and growth; economic base studies; spatial general equilibrium models.

International Trade and Finance


Labor Economics

**ECO 345 Labor Economics** 3 hrs, 3 cr. ECO 202 strongly recommended. Structure of labor markets; trade unions, collective bargaining; regulation of industrial relations and working conditions; manpower measurement and policies.

**ECO 346 The Labor Movement** 3 hrs, 3 cr. Prereq: ECO 345. History, organization, and operation of US trade unions; tactics, policies, foreign counterparts.

**ECO 347 Union-Employee Relations** 3 hrs, 3 cr. Prereq: ECO 345. Process and problems of collective bargaining, issues, tactics, enforcement of contracts, agreements and governmental regulations.

Economics of Foreign Areas

**ECO 350 Comparative Economic Systems** 3 hrs, 3 cr. Prereq: ECO 201; ECO 302 strongly recommended; Jr/Sr only. Analysis of institutions and policies of representative market and nonmarket economies of Western Europe and Asia.

**ECO 351 Contemporary Economic Systems: Latin America** 3 hrs, 3 cr. Structure, operation, problems, and policies of representative Latin American economies.

Industrial Organization

**ECO 355 Industrial Organization and Social Control of Business** 3 hrs, 3 cr. Prereq: ECO 202, Jr/Sr only. Analysis of structure and performance of US industrial markets; concentration, public policy, regulation and control.

Business Economics

**ECO 360 Managerial Economics** 3 hrs, 3 cr. Prereq: ECO 202. Theory of the firm, risk and uncertainty; forecasting, capital allocation, analysis of costs and returns, pricing.

**ECO 361 Labor Management** 3 hrs, 3 cr. Prereq: ECO 202 or perm. chair. Personnel, wage and salary administration; job evaluation; grievances; union-management relations.

**ECO 362 Economics of Marketing** 3 hrs, 3 cr. Prereq: ECO 202 or perm. chair. Marketing theory and research; consumer motivation; product development, sales and promotion, pricing policies.
ECO 363 Export and Import Management 3 hrs, 3 cr. Prereq: ECO 201, Jr/Sr only. Export and import principles and practices; financing, transportation, marketing abroad; documentation.

Business Finance

ECO 365 Corporation Finance 3 hrs, 3 cr. Prereq: ECO 202, 271, or perm. chair. Financial organization and practices of corporate enterprise; procedures and policy.

ECO 366 Security and Investment Analysis 3 hrs, 3 cr. Prereq: ECO 201; ECO 271 strongly recommended. Operation of the stock market; security analysis and evaluation; economic variables influencing security values.

ECO 367 Analysis of Financial Statements 3 hrs, 3 cr. Prereq: ECO 201 and 271. Financial reports and their interpretation; case studies; price changes, cash flow analysis, and funds statements.

ACCOUNTING

Basic Courses


ECO 272 Accounting II 3 hrs, 3 cr. Prereq: ECO 271. Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.

Intermediate Courses


ECO 374 Managerial Accounting (Cost Accounting) 3 hrs, 3 cr. Prereq: ECO 372. Accumulation, analysis, presentation, and use of cost data by management; budgets.

Advanced Courses


ECO 472 Advanced Accounting II 3 hrs, 3 cr. Prereq: ECO 372. Accounting theory and practice focused on partnerships, joint ventures, multinationals, government and public sector entities; not-for-profit accounting; interim and segment reporting; SEC problems.

ECO 473 Business Taxes 3 hrs, 3 cr. Prereq: ECO 373. Federal income taxation of partnerships, corporations, tax option corporations; other special tax issues.

ECO 475 Auditing 3 hrs, 3 cr. Prereq or coreq: ECO 471. Auditing theory and practice; ethics of accounting profession; procedures for auditing financial statements.

Business Law

ECO 280 Business Law I 3 hrs, 3 cr. Prereq: soph standing or perm. chair. Legal origins and institutions; court systems; contract law and commercial paper law with focus on Uniform Commercial Code.

ECO 381 Business Law II 3 hrs, 3 cr. Prereq: ECO 280. Legal aspects of business organizations; agency, partnership, and corporate relationships.

ECO 480 Business Law III 3 hrs, 3 cr. Prereq: ECO 380. Sales and financing devices under Uniform Commercial Code; property; trusts and estates; bankruptcy; other selected topics.

Economics Seminar and Independent Study

ECO 390 Independent Study in Economics 3 hrs, 3 cr. Open to economics majors and minors; perm. chair and faculty sponsor required. Individual readings, tutorials, research. Written report. May be repeated for a total of 6 cr.

ECO 395 Selected Topics in Economics 3 hrs, 3 cr. Jr/Sr majors only; non-majors with perm. chair. Special readings, research, and seminar discussions on selected topics announced each semester. May be repeated for a total of 6 cr.

Economics Honors Project

ECO 499 Honors Project 3 hrs, 3 cr. Outstanding Jr/Sr only; perm. chair. Supervised individual research and directed reading. Honors essay or presentation.

Courses that may not be offered during 1982-1984

ECO 125 Consumer Marketing
ECO 165 Family Finance
ECO 273 Public Accounting Internship
ECO 352 Contemporary Economic Systems: Near and Middle East
ECO 353 Contemporary Economic Systems: Asia
ECO 354 Contemporary Economic Systems: Africa
ECO 474 Estate and Gift Taxes
ECO 476 Computer Accounting Systems
ECO 477 Advanced Accounting Problems
Education

Program Office  
(old) North Building room 609  
(new) West Building room 1007

Dean of Programs in Education  
Hugh J. Scott

Assoc. Dean of Programs in Education  
Marguerite M. Wilke

Director, Office of Educational Services  
Marvin R. Wayne  
(old) North Building room 612  
(new) West Building room 1006

Advisors  
(day) Anne Moukud  
(old) North Building room 612  
(new) West Building room 1002

(eveing) Monroe Grossman  
(old) North Building room 608  
(new) West Building room 1003

(TTT Program)  
Mae Gamble  
(old) T. Hunter room 614  
(new) West Building room 1019

(Counseling)  
Myrtle Reiner  
(old) North Building room 928  
(new) East Building room 1207

(Older Adult Program)  
Margot Tallinner  
(old) North Building room 942  
(new) East Building room 1216

(Teacher Placement)  
Sally Milgrin  
(old) North Building room 612  
(new) West Building room 1001

(Teacher Certification)  
Provisional Charlotte Seley  
(old) North Building room 608  
(new) West Building room 1003  
Permanent Eileen G. Cowe  
(old) North Building room 612  
(new) West Building room 1005

EDUCATIONAL FOUNDATIONS

Department Office  
(old) North Building room 942  
(new) West Building room 1016

Chair  
Gordon Filer

Professors  
Dederick, Filer, Huber, Ladas, Miller, Pasteur, Segal, Susskind, Tallinner, Wolinsky

Associate Professors  
Buxbaum, Cameron, Clawar, Estades, Fox, Goldstein, Hodges, Johnson, Kluftch, Kwochka, Martinez, Reiner, Sanchez, Schiffer, Wayne, Yarose, Zalk

Assistant Professors  
Wertzer

CURRICULUM AND TEACHING

Department Office  
(old) North Building room 604  
(new) West Building room 1023

Chair  
Lois A. Baill

Professors  
Balmuth, Block, Cooper, Hunter, Judenfriend, Kugler, Niman, Samaloni, Schueler, Vazquez, Waxman

Associate Professors  
Baill, Boedecker, Cowe, Dye, Frankfort, Gamble, Grossman, Kuhmerker, Lawlor, Milgrin, Per, Schnieder, Smolens, Thibodeau

Assistant Professors  
Herman

Lecturers  
Romero

The Teacher Education Program, leading to the B.A. degree, combines academic and field experiences. The curriculum is designed to prepare students for careers in elementary and secondary schools in major metropolitan areas, both inner city and suburban. Teacher education is also included in the programs of students studying for the bachelor of science degree in home economics, physical education, health education, and music. All teacher education programs meet certification and licensing requirements for New York State and New York City. Applicants are required to meet acceptable standards with respect to health, character, and personality and to demonstrate a command of English, both written and oral, essential for the teaching profession.

A 44-credit collateral major in education is designed for prospective teachers in early childhood and elementary education. Teacher candidates are required to complete, concurrently, a second major in an academic subject. With advisement, students will select a major to strengthen the academic background required for teaching. Students must declare their intention to major in elementary education when they register for their first education course. They will be assigned an advisor to assist in programming and in evaluating their progress toward fulfilling state-mandated competencies in teaching. (Pending approval by the Board of Higher Education.)

New York State Certification Requirements in Elementary and Secondary Education  
The undergraduate sequences of studies described below have been approved by the New York State Education Department as leading to provisional certification for elementary and secondary school teaching in the schools of the State of New York.

Provisional certification permits students to teach for 5 years, during which time the new teacher must work toward permanent certification by completing an approved master’s degree program.

The general liberal education requirements for certification are met by earning the bachelor’s degree. The professional education requirements are met on the elementary level by completing the prescribed education sequence. On the secondary level approximately 21 credits in the education sequence are needed to complete the professional requirements. For certain majors the education credits are electives, however, and students must take another minor in addition in order to fulfill their College requirements.

New York City Licensing  
Students who complete either the entire elementary or entire secondary sequence will be eligible to take the New York City license examinations on the appropriate levels and in the appropriate subject areas.

The Office of Educational Services  
This office is open daily from 9 AM to 5 PM, Monday through Friday during the fall and spring semesters. Advisors will confer with students who seek information about preparing for teaching, standards for acceptance into the teaching sequence, courses appropriate to various levels of teaching, New York City license, and New York State certification requirements.

Evening Education Advisement  
Students must consult with an education advisor. Special evening hours for advisement are posted on the Education bulletin board.

Office of Teacher Placement  
This office helps students of Hunter College to secure teaching positions. Students are urged to register during the term they are student teaching so that recommendations concerning their teaching abilities may be assembled. Non-degree students who have the equivalent of student teaching and are eligible to meet New York State certification requirements should register any time after completion of 12 credits at Hunter. Papers should be updated to include new experience and education, as the office serves as a permanent repository for cumulative credentials. Registrants are placed in public and private schools throughout the United States and in some foreign countries. All students in the education sequences are urged to complete their credentials because it is common practice for school administrators to ask the Office of Teacher Placement for such a file.

Non-Degree and Unclassified Graduate Students  
Permission is required for qualified non-degree students to register in undergraduate education courses. A registration card must be secured in advance. See the Schedule of Classes for appropriate procedures. Course permissions are then given by advisors.

Non-degree students are eligible to register if they are (1) graduates of an accredited 4-year college or (2) if they are matriculated for a 4-year degree at another college and have written permission from their respective colleges to take education courses at Hunter. A student transcript of all college work, including that done at Hunter, is required at the interview. In addition to their transcript, students from other colleges must bring their college
bulletin with course descriptions. They should bear in mind that colleges require advance notice to issue transcripts.

Non-degree students now in attendance and those planning to register at Hunter for the first time may get their permission prior to registration or at the regularly scheduled registration time. Registration hours do not coincide with advisement hours. A STUDENT TRANSCRIPT OF ALL COLLEGE WORK, INCLUDING THAT DONE AT HUNTER, IS REQUIRED AT EACH REGISTRATION.

Transfer Students The special needs of transfer students interested in education courses will be considered by the Office of Educational Services. Transfer students who have begun their professional studies at another institution must consult with an advisor before registering for any education courses.

All enrolled undergraduates wishing to take education courses during the summer session must obtain written permission prior to summer school registration.

Hunter College Campus Schools The Campus Schools serve the Hunter College Programs in Education as a laboratory for observation, demonstration, research, and student teaching of academically gifted and talented students. The Campus Schools offer special programs and opportunities to devise innovative curricula to meet the special challenges presented by pupils with high intelligence. In addition to the regular admissions program based on competitive testing, a significant number of minority students from disadvantaged backgrounds who have academic potential are admitted each year to the pre-school, elementary, and secondary schools.

Hunter College Elementary School The Hunter College Elementary School is located on the first floor of the Campus Schools building at Park Ave. and 94th St. Children are admitted to the nursery school at age 4 and continue their instruction through the primary and intermediate levels. No pupils are admitted to grades 4 through 6. Admission from nursery school through the 3rd grade is limited to children who live in the borough of Manhattan. A teacher center for the education of the gifted and talented is also a part of the school. The school is used by Hunter for observation, demonstration, and student teaching.

Hunter College High School The Hunter College High School, located at 94th St. and Park Ave., is a 6-year junior-senior high school which also serves the purpose of teacher education and education of the gifted. The Teacher Education Program utilizes the high school for observation by individuals for study of the secondary school as an institution, and for demonstration and instruction in methods of teaching specific subjects at the secondary level. Some students do their student teaching in the high school. Considerable exploration is conducted on the development of improved programs for intellectually gifted adolescents. The school makes wide use of community resources, and in the senior year the entire City of New York becomes a focal point for internships, course concentration, and extracurricular activities.

Education Programs

The education sequences that follow meet New York City licensing and New York State requirements for teaching certificates:

Early Childhood–Elementary Education Major (nursery through grade VI) Students in the elementary sequence should take the courses, listed below, in psychological and social foundations, methods, and student teaching. They may start the sequence during their lower sophomore semester, but to finish the sequence before graduation they must start the sequence no later than their upper sophomore semester. Courses are taken in the following sequence:

Lower sophomore
EDFDN 201 and 211
Upper sophomore
EDFDN 312 and EDUC 320
Lower junior
EDFDN 222 and EDUC 325
Upper junior
EDUC 330 and 335
Upper or lower senior
EDUC 435 and 440

In addition, students seeking to qualify for city licensing and state certification must take the following courses at some time between their upper sophomore semester and graduation: EDUC 305, 310, 315, 400, 545. Note: MATH 103 is required before a student may register for EDUC 330.

Early childhood and elementary education candidates must secure Education Division permission for student teaching. Students planning to teach in elementary schools have a great deal of freedom in choosing their major, but we recommend that they select a major which will provide background for teaching a curriculum area at the elementary school level.

TTT Program A special program, Training Tomorrow's Teachers, is open to students who are committed to teaching in the inner city. Students are admitted to the program as freshmen. They spend 2 mornings a week for 3½ years in an elementary school where they receive most of their instruction in education and also fulfill the distribution requirement. During this period they work with children and orient themselves to the community.

One semester is devoted to student teaching, half a day every day for one term. Although most students are admitted to TTT when they enter the College, a limited number of students are admitted to the program after the first semester. Application may be made through the Director of TTT.

Secondary Education Sequence Students preparing to teach on the secondary-school level (grades 7–12) should take the courses, listed below, in psychological and social foundations, methods, and student teaching. Students may start the sequence in their upper sophomore term. In order to finish the sequence before graduation, students must start the sequence no later than their lower junior year.

Upper sophomore
EDFDN 261
Lower junior
EDFDN 272
Upper junior
EDFDN 362 and EDUC 360-382
Lower or upper senior
EDUC 350 or 355 and 451, or 452, or 460–482

In addition, students seeking to qualify for city licensing and state certification must take EDUC 400, 545 Drug Abuse at some time before graduation.

MINORS IN EDUCATION

Fifteen credits in education may be used as a minor. These minors do not lead to certification. The course sequences generally fulfilling a minor are listed below. Students with unusual experiences or special interests may work out modifications of the sequences with the approval of the program advisor of the selected minor.

Elementary–Early Childhood Education (15 cr) Required (12 cr): EDFDN 201, 211, 312, EDUC 320. Options for additional credits:
1. EDUC 435 (3 cr) for reading specialization
2. EDUC 305 (2 cr) and 310 (2 cr) for art and music specialization
3. EDUC 305 (2 cr) and 401 (1 cr) art and fieldwork in art
4. EDUC 310 (2 cr) and 401 (1 cr) music and fieldwork in music
Secondary Education  Certain majors require an allied minor in addition to secondary education. Students are urged to read carefully the section "Preparation for Teaching" under their major department’s presentation in this catalogue. It contains specific information about requirements for subject areas in which the student wishes to teach. Students must familiarize themselves with the requirements in their chosen areas, since any deficiencies must be made up before student teaching. For advice and guidance in program planning, students should contact the Office of Educational Services prior to registration.

Bilingual Education or Teaching English as a Second Language (TESL)  EDFDN 211, 222, 312 or EDFDN 261, 272, 362; and:
for Bilingual Education, EDUC 343 and 431;
for TESL, EDUC 432 and 433.

In these minors, the 3 introductory courses provide the psychological and social foundations of education. The specialized courses introduce the student to the educational needs of children whose family background endows them with the ability to speak English and another language or only their family’s native tongue. The specialized courses for Bilingual Education and Teaching English as a Second Language do not necessarily fulfill all the undergraduate requirements for entrance into a master’s degree program in either field or for certification, but they offer the student an opportunity to gain a background in the chosen area. Students should check with the Office of Educational Services to determine what other courses are necessary to qualify for provisional state certification.

Counseling  The program in counseling provides an orientation to basic techniques and philosophy of guidance and rehabilitation counseling. It is designed to prepare students for professional entry into various fields of counseling. Skills required in a helping relationship are developed, and students experience a variety of community facilities. Courses must be taken in sequence, or under advisement as electives or as a 15-credit minor: COUNS 301, 302, 405, 411, and 421.

Counseling the Aging  This sequence of courses is designed for students who want to prepare for work in counseling the aged. Courses must be taken sequentially or under advisement. They may be taken as electives or as a 15-credit minor: EDFDN 363, 364, COUNS 301, 411, 421.

Educating the Adult  A student interested in working with middle and older adults in educational settings may minor in education with the following sequence (alternate courses are available for this sequence with the approval of the program advisor): EDFDN 272, 312, 363, 364, and 400.

MAJOR DEPARTMENT REQUIREMENTS

The specific requirements for teaching certain secondary-school subjects under Hunter College’s state-approved program are given in the following sections. Information about requirements for subjects not listed below may be obtained directly from the chair of the specific department.

Candidates for provisional certificates on the secondary level must complete subject-matter requirements for teaching at least one subject. Note that subject-matter requirements for certification may be more than Hunter’s major-minor requirements.

Major-department permission as well as education division permission are required of all applicants for secondary school student teaching.

Art  See Department of Art requirements for courses and number of credits required of candidates for the provisional certificate in art. Also note the special education sequence provided to accommodate those intending to teach art.

English  A minimum of 36 credits, to be allocated as follows:
1. At least one course in advanced writing (300 level).
2. A course in media studies in Department of Communications.
3. At least one course in development, structure, and function of the English language chosen from ENG 331 and 332.
4. A course in English literature (300 level).
5. A course in American literature (300 level).
6. At least one course in world literature or an acceptable course in comparative literature.
7. At least one course in public speaking, argument, or discussion.
8. At least one course in oral interpretation of prose, poetry, or dramatic literature.

Foreign Languages  The candidate needs a minimum of 24 credits in a foreign language to receive provisional certification to teach that language in a secondary school. Candidates may safely choose courses in the literature of the language and in the grammar and composition of the language, but they must also be sure to have sufficient courses in oral and written composition so that the department can submit on their behalf a written statement that they have “a practical command of the language as an instrument of oral and written communication.”

Preparation for certification in the following languages is available at Hunter College: Chinese, French, German, Greek, Hebrew, Italian, Latin, Russian, and Spanish.

Dance  Twenty-four credits in dance are required for students preparing to teach. Twelve credits in art, music, theatre, health and physical education, or other approved areas may be used to satisfy the allied minor.

Health Education  Thirty-six credits in health education are required for students preparing to teach.

Physical Education  Students preparing to teach are advised to elect a 44-credit major leading to the BS degree.

Home Economics  Home Economics students in the secondary sequence may substitute HEC 271 for EDFDN 261. For other specifications see home economics advisor.

Mathematics  Candidates need a minimum of 18 credits in mathematics to receive provisional certification in this subject. They may safely use for certification purposes the courses which fulfill Hunter College requirements. The state requires that within the 18-credit requirement the candidate must offer a full year of differential and integral calculus.

Music  See Department of Music requirements for details of courses and number of credits required of candidates for the provisional certificate in music. Also note the special education sequence provided to accommodate those intending to teach music.

Science  All candidates must have a year of biology, a year of chemistry, a year of physics, and a year of earth science. Hunter students may postpone the year of earth science (generally geology or astronomy) until after graduation. All science courses must be laboratory courses.

In addition, all candidates must complete at least an additional year of the science in which certification is sought. It is expected
that Hunter College students will be majors in a particular science area.

Biology majors must take an introduction to genetics and at least one year of mathematics. Other science majors should complete courses in differential and integral calculus.

The completion of these requirements leads to provisional certification in the major science area plus general science. For further information consult the Office of Educational Services.

Social Studies  Candidates need, for provisional certification in the social studies, a minimum of 36 credits in the social sciences distributed in 6 fields, as follows:

Field 1  US history, 6 cr
Field 2  European history, 6 cr
Fields 3, 4, 5, and 6  Six cr in each of 4 fields, selected from the following 6 fields for a total of 24 cr—cultural anthropology (6 cr)*; economics (6 cr); geography (6 cr); political science (6 cr); sociology (6 cr); history other than US and Western European (6 cr)**

Social science courses offered in the Department of Black & Puerto Rican Studies may be applied to meet social science requirements. For information about the field to which specific courses apply, see the teacher education advisor in the Department of Black & Puerto Rican Studies or an advisor in the Division of Programs in Education.

* Courses in physical anthropology will not apply toward certification for social studies teaching as part of the social science requirement.

** The New York State Education Department has interpreted this field to include any social science courses that deal specifically with cultures other than those of the US or Western Europe.

For further information consult the Division of Programs in Education.

Speech and Hearing Handicapped  Details of these requirements appear in this catalogue under the heading School of Health Sciences (Communication Sciences). Candidates for certification should consult with the advisor in communication sciences when they plan their programs.

Honors in Education  Students become eligible for honors in education at graduation by successfully completing EDUC 490 (Honors in Educational Research). Students must have a GPA of 3.5 in education courses and a cumulative GPA of 2.8. Students must be taking a full education sequence including student teaching. Students may also be eligible for membership in the Iota Alpha Chapter of Kappa Delta Pi, the national honor society for education. Eligibility requirements are posted or may be obtained from the Kappa Delta Pi counselor.

COURSE LISTINGS

Counseling


COUNS 301 Fundamental Principles of Counseling 2 hrs + hrs TBA, 3 cr. Prereq: 3 hrs. Only. Introduction to principles, goals, and philosophy of counseling; interaction of professional disciplines.

COUNS 302 Fundamentals of Community Counseling 2 hrs + hrs TBA, 3 cr. Prereq: 3 hrs. Only. Study of functions and procedures of community facilities; emphasis on team approach in coordination of services to client.

COUNS 405 Fundamental Principles of Vocation Guidance 2 hrs + hrs TBA, 3 cr. Prereq: COUNS 301; 3 hrs only. Meaning of work in society; factors related to vocational choice; employment interviewing, training, job placement.

COUNS 411 Principles of Interviewing 2 hrs + hrs TBA, 3 cr. Prereq: COUNS 301; 3 hrs only. Didactic and experiential approach to understanding development of communication techniques in counseling relationship.

COUNS 421 Field Experience in Community Counseling 4 hrs, 1 hr conf, 3 cr. Prereq: COUNS 405, 411, and perm. dept. Assignment to community facility. Student functions as preprofessional counselor with application of skills previously developed.

Educational Foundations

EDFDN 201 Intro to Education—School Organization and Pupil-Teacher Relationships for Beginning Teachers 3 hrs, 3 cr. Coreq: EDFDN 211. Interdisciplinary introduction to elementary education. Fieldwork as aides in public elementary schools. Students wishing to study elementary education must register for this course and EDFDN 211.

EDFDN 211 Psychological Foundations of Childhood Growth and Development 3 hrs, 3 cr. Coreq: EDFDN 201. Emotional, cognitive, and social development from childhood to adolescence.


EDFDN 261 Psychological Foundations I: Childhood through Adolescence 3 hrs, 3 cr. Emotional, cognitive, and social development from childhood through adolescence.

EDFDN 272 Social, Historical, Philosophical Foundations 3 hrs, 3 cr. Current issues in American education considered in their social, historical, and philosophical settings.

EDFDN 312 Psychological Foundations II: Educational Psychology (Nursery through Grade VI) 3 hrs, 3 cr. Prereq: EDFDN 211, coreq: EDUC 320. Learning, evaluation, and classroom management for elementary school teachers.

EDFDN 322 Education of Minorities in the US 3 hrs, 3 cr. Issues in education of Blacks, Hispanics, Native Americans, and other minorities.

EDFDN 362 Psychological Foundations II—Educational Psychology 3 hrs, 3 cr. Prereq: EDFDN 261. Basic educational psychology covering learning, evaluation, motivation, and group management.

EDFDN 363 Psychology of Aging 3 hrs, 3 cr. Life-span development course focusing on meaning of aging, personality changes, cognition, self-concept, morale, life satisfaction.

EDFDN 364 Practicum in Aging 3 hrs, 3 cr. Fieldwork with older adults in senior centers, sheltered workshops, dance therapy programs, and nutritional and adult education centers.

EDFDN 400 Seminar: Special Topics 3 hrs, 3 cr. Current critical issues in education.

EDFDN 400.54 Methods of Teaching Adults Seminar: Special Topics Methods of Teaching Adults 3 hrs, 3 cr. Prereq: EDFDN 363. Specific curricular and methodological adaptations for educating middle-aged and older adults.

EDFDN 401, 404 Workshop: Special Research or Project 3 hrs, 3 cr. each.

EDFDN 402, 405 Workshop: Special Research or Project 3 hrs, 3 cr. each.

EDFDN 403, 406 Workshop: Special Research or Project 3 hrs, 3 cr. each.

EDUC 305 Art in the Elementary School 3 hrs, 2 cr. Development of competencies, methods, and materials for teaching art to children, nursery through grade VI.

EDUC 310 Music in the Elementary School 3 hrs, 2 cr. Development of competencies, methods, and materials for teaching music to children, nursery through grade VI.

EDUC 315 Physical Education in the Elementary School 3 hrs, 2 cr. Development of competencies, methods, and materials for teaching physical education to children, nursery through grade VI.
EDUC 320 Teaching and Learning in the Elementary School: Reading and Language Arts 3 hrs, 3 cr. Development of competencies, methods, and materials for teaching reading and language arts to children, nursery through grade VI.

EDUC 325 Teaching and Learning in the Elementary School: Social Studies 3 hrs, 3 cr. Development of competencies, methods, and materials for teaching social studies to children, nursery through grade VI.

EDUC 330 Teaching and Learning in the Elementary School: Mathematics 3 hrs, 3 cr. Prereq: MATH 103. Development of competencies, methods, and materials for teaching math to children, nursery through grade VI.

EDUC 335 Teaching and Learning in the Elementary School: Science 3 hrs, 3 cr. Development of competencies, methods, and materials for teaching science to children, nursery through grade VI.

EDUC 336 Introduction to Theory and Practice of Teaching Reading in Secondary School 3 hrs, 3 cr. Prereq: EDUC 460-462. Introductory course in teaching of remedial and developmental reading in content areas of secondary schools. Required for English majors and strongly recommended for social studies and other majors.

EDUC 351 Organization of Speech and Hearing Programs for Elementary and Secondary Schools 3 hrs, 3 cr. Prereq: EDUC 211, 272; coreq: EDUC 392. Problems of organizing and administering programs in speech and hearing in public systems.

EDUC 352 Art Education 2 hrs, 2 cr. Prereq: art majors in secondary education sequence. Materials and techniques for teaching and supervising art in elementary schools.

EDUC 353 Music Education 2 hrs, 2 cr. Prereq: music majors in secondary education sequence. Materials and techniques for teaching and supervising music in elementary schools.


EDUC 360-362 Methods of Teaching a Subject in Secondary Schools 3 hrs, 3 cr. Prereq: EDUC 211, 272; coreq: EDUC 353, 360-362.

EDUC 361 Art
EDUC 362 Biology
EDUC 363 Chemistry
EDUC 364 Earth Science
EDUC 365 Physics
EDUC 366 English
EDUC 367 Chinese
EDUC 368 French
EDUC 369 German
EDUC 370 Hebrew
EDUC 371 Italian
EDUC 372 Latin or Greek
EDUC 373 Russian
EDUC 374 Spanish
EDUC 375 Health
EDUC 376 Physical Education
EDUC 377 Mathematics
EDUC 380 Music
EDUC 381 Social Studies
EDUC 382 Speech-Theatre

EDUC 377 Methods of Teaching Home Economics I 2 hrs, 2 cr. Prereq: EDUC 261, 272; coreq: EDUC 382.

EDUC 378 Methods of Teaching Home Economics II 2 hrs, 2 cr. Prereq: EDUC 377.

EDUC 400 Seminar in Special Topics in Educational Theory 3 hrs, 3 cr. Prereq: JR/Sr with 15 or in education. Reading, discussion, and papers on significant topics in educational theory.

EDUC 400.54 Drug Abuse 1 hr, 1 cr (HED 306 may be substituted) Introduction to major concepts of drug addiction.

EDUC 401, 404 Fieldwork in Education 1 hr, 1 cr each
EDUC 402, 405 Fieldwork in Education 2 hrs, 2 cr each
EDUC 403, 406 Fieldwork in Education 3 hrs, 3 cr each

Independent project in an approved educational setting. Reports and conferences regarding educational activity.

EDUC 413 Teaching of Reading in a Bilingual Program (English/Spanish) 3 hrs, 3 cr. Prereq: EDUC 211, 222; prereq or coreq: EDUC 312. Cognitive and affective development as application to reading instruction in learner's first and second languages.

EDUC 422 Techniques of Second-Language Teaching 3 hrs, 3 cr. Prereq: EDUC 211, 222; prereq or coreq: EDUC 312. Psychological and sociological theories related to acquisition of language and language-learning.

EDUC 433 Teaching English as a Second Language for the Prospective Teacher 3 hrs, 3 cr. Prereq: EDUC 211, 222; prereq or coreq: EDUC 312. Implications of nature of language acquisition for teaching English to speakers of other languages and systematic application of methodologies and techniques.

EDUC 434 Introduction to Linguistics for the Bilingual Teacher (English/Spanish) 3 hrs, 3 cr. Prereq: EDUC 211, 222; prereq or coreq: EDUC 312. Basic concepts of phonology, morphology, syntax, and semantics as they relate to bilingual classroom setting.

EDUC 435 Reading in the Elementary School 3 hrs, 3 cr. Prereq: Sr only; EDUC 320. Development of competencies in teaching of reading in elementary school classrooms.

EDUC 440 Supervised Student Teaching in Nursery School through Grade VI 20 hrs (300 clock hrs), 8 cr. Prereq: all elementary education courses except EDUC 400.54 and EDUC 435, which may be coreq. Supervised observation and student teaching in nursery school, kindergarten, and grades I-VI. Note: Applicants for student teaching in the spring semester must apply during previous October; applicants for fall semester must apply during previous March. Watch for announcement of application conference.

EDUC 451 Supervised Student Teaching in Speech and Hearing Handicapped 12 hrs (180 clock hours), 6 cr. Prereq: EDUC 351.

EDUC 452, 460-482 Supervised Student Teaching in Secondary Schools 12 hrs (180 clock hours), 6 cr. Prereq: EDUC 261, 272, 360, 382; coreq: EDUC 350 or 355. Supervised observation and student teaching in secondary schools in field of major preparation. Note: Applicants for student teaching in spring semester must apply during previous October; Applicants for fall semester must apply during previous March. Watch for announcement of application conference.

EDUC 452 Home Economics
EDUC 460 Art
EDUC 461 Biology
EDUC 462 Chemistry
EDUC 463 General Science
EDUC 464 Earth Science
EDUC 465 Physics
EDUC 466 English
EDUC 467 Chinese
EDUC 468 French
EDUC 469 German
EDUC 470 Honors Course in Educational Research 2 hrs, 2 cr. Prereq: full education sequence, including student teaching; 3.5 GPA in education courses and cumulative GPA of 2.8. Individual research in education. Admission by perm. division.
Energy Policy Studies

Program Office (old) North Building, room 414 (new) West Building room 1117

Director Dolores Greenberg
Executive Committee Gross (Anthropology), Erickson (Political Science), Greenberg (History), Landisman (Philosophy), Niman (Curriculum and Teaching), Randall (Economics), Shahn (Biological Sciences), Shay (Mathematics)
Advisors (day) Dolores Greenberg (evening) Daniel Gross

Energy Policy Studies is designed as an interdisciplinary program that advances a student's understanding of the issues that link science, technology, and society. Concentrating on the critical role of energy as a physical and social force, students examine what energy is, how it has been used in different societies, and why it has historically been crucial for human welfare and social change.

The program's core courses, taught by faculty from all divisions of the College, focus on the interaction between energy issues and ethics and values, economic organization, political institutions, and the social process. The policy-studies emphasis of the program provides students with the concepts and analytic tools for understanding institutional conflicts and for assessing public policy formation and decisions.

Students trained in this program develop broad perspectives on how transitions to new technologies are absorbed in changing cultural contexts. They also acquire the techniques of policy analysis. This background enhances graduate options in master's and doctoral degree programs in energy-related areas. It also prepares students for expanding employment opportunities in a wide range of fields including accounting and auditing, engineering, health care, consumer affairs, architecture, environmental protection and design, community organization, urban planning, communications and media, law, and business.

Collateral Major Students who choose the 18-credit collateral major, which leads toward a BA degree, must complete 2 core courses (EPS 101, 201) and the research seminar (EPS 481). They also select either 9 credits from the recommended electives or 6 elective credits plus an internship. (With the collateral major, students are still required to take a traditional major, but they can use their energy policy studies credits to replace a minor concentration.)

Minor The 12-credit minor consists of 2 core courses (EPS 101, 201) and either 6 credits from the recommended electives or 3 elective credits plus an internship.

Internships Students can receive from 1 to 6 credits for internships in government agencies, consumer and activist groups, business and industry, and media organizations involved in information and ideas about energy issues (e.g. Council on the Environment of NYC, Energy Task Force, NY State Assembly, Sierra Club, International Earthcare Center, NY State Department of Energy, Brooklyn Union Gas).

COURSE LISTINGS

EPS 101 The Human Uses of Energy 3 hrs, 3 cr. Offered D/Fa. Principles of energy, energy flows, and technology in agricultural/industrial societies; contemporary energy problems.

EPS 201 Policy Problems of Energy 3 hrs, 3 cr. Offered D/Fa. Techniques and tools used by policy planners, Social, economic, political, and ethical aspects of energy policy-making.

EPS 481 Seminar In Energy Policy Studies 3 hrs, 3 cr. Prereq: EPS 101 and 201. Reading, research, and discussion on a selected topic in Energy Policy Studies. Topic, announced in advance, is chosen to permit cross-disciplinary analysis.

EPS 480.01 Inservice Learning Program 1-6 cr. Prereq: perm. director. Opportunities for work off campus in institutions involved in formulation and/or implementation of energy policy.

Recommended Electives
3-credit courses unless otherwise noted.

ANTHC 301 Sex and Gender in Anthropological Perspective
ANTHC 340 Cultural Ecology
ECO 351 Industrial and Social Control of Business
ECO 385 Energy Economics and Policy
ECO 750 Business Enterprise and Public Policy
EDUC 400 Seminar in Special Topics: Workshop in Energy Curriculum Materials Development
ENV SC 391/392/393 Seminar; Environmental Information Systems (2 cr)
GEOL 205 Environmental Geology
GEOL 362 Petroleum Geology
GEOG 101 People and Their Environment
GEOG 133 Geography in World Affairs (1 cr)
GEOG 221 Economic Geography (4 cr)
GEOG 226 Environmental Conservation: Resource Management
GEOG 227 Urban Problems
GEOG 274 Regional Geography of Middle East and North Africa
HIST 341.53 History of Technology and Society
HIST 383/483 Problems in American History: Political Economy of US Energy Development
HIST 774.52 Corporation in American Society
MATH 295 Intermediate Topics in Math Science/Math Models for Energy Policy
PHILO 118 Philosophy, Politics, and Society
PHILO 224 Moral Philosophy
POL SC 217.66 Politics of the Energy Crisis
SCI 300 Nature and Limitation of Science
SOCI 235 Community Organization and Action
SOCI 421 Sociology of Organizations
URB 787.68 Selected Energy Topics in Planning and Urban Affairs
English

Department Office  (old) North Building room 1200  (new) West Building room 1212

Chair  Phyllis G. Moe
Professors  Brady, Danziger, Dean, Gordon, Holder, Howe, W. Johnson, Kazin, Kuner, Levin, Lorde, Moe, Pinciss, Quillin, Rieder, Wiilien, Williams
Associate Professors  Berardi, Bornhauser, Brick, Brodkorb, De Salvo, Kennedy, Minkoff, Persky, Railes, Stern, Stone
Assistant Professors  Barickman, Brett, Brinberg, Edwards, Greenberg, Holm, H. Johnson, Leoff, Melamed, Potter, Rahn, Wrin
Instructors  Goldstein, Meyers, Roshkow, Samuelson, Sifford
Advisors (day) Charles Persky (evening) Richard Brett

Through language we invent ourselves; to a large extent language makes human culture possible. The English Department encourages students to explore literature and develop their own writing in order to discover what our world is, what it has been, and what it may become. The study of British and American literature, a tradition of over a thousand years, includes some of the greatest verbal inventions in history. In our courses students develop their skills in writing and analysis as they read this literature that has deeply influenced contemporary American culture. Our writing workshops allow students to create their own original works of literature—essays, fiction, and poetry. Small classes encourage discussion and personal contact between students and instructors.

Introductory and intermediate courses present a variety of literary forms, periods, and methods. Advanced courses cover every major author, period, and genre in British and American literature. Students who major in English may concentrate on British literature, American literature, or writing; and qualified students may enroll in Honors Program seminars and tutorials. The English Department participates in Hunter’s interdisciplinary programs in English language arts, comparative literature, women’s studies, and religion.

The English major provides a foundation for a number of careers—in writing, teaching, journalism, law, business, and other careers that depend on the ability to read analytically and write effectively. For more information on career opportunities (including inservice programs during undergraduate study) see one of the department’s undergraduate advisors.

Distribution Requirement  ENGL 220, one of the courses listed on p. 17 as fulfilling part of literature requirement in Category IV, is also a prerequisite for ENGL 250 and other courses in British and American literature. ENGL 250, 252, 253, and 254 also meet the requirement. Note: 300-level courses in literature may not be used to fulfill the distribution requirement.

Major  The English Department offers 3 areas of concentration within the major: 2 in literature and one in writing. Only 24 credits in 300- or 400-level courses are required for each concentration, but we strongly recommend 27 credits. Students who plan to major in English should take ENGL 252, 253, or 254 before taking 300-level courses. Up to 6 credits in the major sequence may be taken for CR/INCR with the written permission of the departmental advisor.

Students considering graduate study in British or American literature should have a reading knowledge of at least one foreign language (preferably 2 for the PhD). French, German, and Latin are languages usually recommended or required by graduate schools.

Students majoring in English are urged to take courses in such related fields as art, classics, communications, comparative literature, foreign languages, history, music, philosophy, religion, theatre and film.

I. Concentration in British Literature

This program gives a thorough grounding in the major authors and periods of British literature. The core curriculum allows considerable choice among specific courses, and students may include courses in comparative literature, writing, or other areas of special interest. The 24 credits required for this concentration include ENGL 335 (Chaucer) and one course from each of the following groups:

A. (Shakespeare) ENGL 352, 353, 354;
B. (Renaissance and 17th century) ENGL 351, 359, 360, 361, 383;
C. (18th century) ENGL 362, 364, 365, 368, 384;

Not more than 2 of the following courses may be used to satisfy the group requirements: ENGL 359, 362, 368, 369, 397.

The 9 additional credits may be selected from any 300-level or 400-level course in British and American literature or the English language. One 300-level course in writing may be used. Six of the credits may be in comparative literature, with the approval of the Department of English.

II. Concentration in American Literature

Half of the courses in this program are in American literature, half in British literature. The program is especially recommended for students preparing to teach in secondary schools or, obviously, for students with a special interest in American literature or American culture.

The required courses include:

1. One course from each of the following groups:
   A. ENGL 352, 353, 354;
   B. ENGL 335, 361;
   C. ENGL 362, 364, 365, 368, 384;
   D. ENGL 369, 372, 373, 385.

2. Four of the following courses, but not more than 2 courses from Group B:
   A. ENGL 398, 399, 396, 397, 398, or 399;
   B. ENGL 374, 375, 376, 377, 378, 379.

III. Concentration in Creative Writing

Students in this concentration study British and American literature but also develop their own capacity to create original works of literature. They have the opportunity to write fiction, poetry, essays, and drama. The courses in writing are conducted as small seminars and individual tutorials. This program culminates in an individual writing project.

Courses must be selected from the following 2 groups:

1. Literature (12 cr)
   A. ENGL 335;
   B. ENGL 352, 353, or 354;
   C. two 300-level courses in British and American literature (except ENGL 389).

2. Writing (12 cr)
   A. Three courses chosen from among ENGL 308, 309, 311, 313, 314, 316, THEA 379, or FILM 370;
B. ENGL 485—the writing project, required of all writing majors.

Honors Program Two courses have been specially designed for the English honors program: the honors seminar (ENGL 494) and the honors essay (ENGL 495). A student who completes these courses successfully and achieves a GPA in major courses of at least 3.5 and a cumulative GPA of at least 2.8 at the time of graduation will be awarded departmental honors.

Note: The 2 honors courses are required in addition to the specified courses in the student’s particular concentration. Some adjustments in specified courses may be made with the permission of the department, but students interested in the honors program are urged to take at least 30 credits in major courses. Any student interested in the honors program should see the undergraduate advisor.

Minor 12 credits are required for the minor. The area is not restricted, but students should consult the undergraduate advisor about the choice of an appropriate minor. Minor courses may not be used to fulfill the distribution requirement.

Four-year BA/MA Program in English For a limited number of outstanding students, the department offers a 4-year BA/MA program in English. The program may be completed in 125–128 credits of college work (85–88 undergraduate, 30 graduate). Interested and qualified students should consult an advisor at the earliest possible date.

Graduate Study Qualified students in their junior and senior years may be admitted to graduate courses with the approval of the graduate advisor.

Preparation for Teaching In cooperation with the Division of Programs in Education, the Department of English provides opportunities for students to prepare for a career in teaching at the elementary and secondary levels. Students who wish to qualify for teacher certification in New York City or New York State should consult the Education statement in this bulletin and see advisors in English and Education.

COURSE LISTINGS

ENGL 001 Reading I 3 hrs, 3 cr. Placement test required. Basic comprehension: main idea, detail, inference, vocabulary. Study skills.

ENGL 002 Reading II 3 hrs, 3 cr. Placement test required. Critical reading of varied textbook materials. Efficient study skills and test-taking.

ENGL 003 English for Bilingual Students I 6 hrs + conf., 3 cr. Placement test required. Frequent writing: emphasis on basic grammar, sentence structure, vocabulary, idiom.

ENGL 004 English for Bilingual Students II 6 hrs + conf., 3 cr. Placement test required. Frequent paragraphs and essays: organizing, correcting grammar and sentence structure.

ENGL 005 English for Bilingual Students III 3 hrs + conf., 3 cr. Placement test required. Frequent essays: organizing ideas, revising, improving sentence variety, idiomatic structure.

ENGL 014 Writing Workshop I 3 hrs + conf., 3 cr. Placement test required. Frequent writing and editing practice: special attention to standard written English forms.

ENGL 015 Writing Workshop II 3 hrs + conf., 3 cr. Placement test required. Frequent essay practice: organizing, revising, proofreading for grammar and punctuation.

ENGL 120 Expository Writing 3 hrs + conf., 3 cr. Required of all freshmen unless exempted. Study of grammar, usage, and methods of organization; frequent papers.

ENGL 220 Introduction to Literature 3 hrs + conf., 3 cr. Prereq: ENGL 120. Readings in prose fiction, poetry, and drama by major authors of the past and present; written assignments.

ENGL 250 Topics in Literature* 3 hrs + conf., 3 cr. Topics in British and American literature. May be taken a second time if topic differs.

ENGL 252 Literary Analysis* 3 hrs, 3 cr. Offered D, E/Fa. Study of selected major works with emphasis on techniques of literary analysis and on a variety of critical approaches.

ENGL 253 Survey of English Literature I* 3 hrs, 3 cr. Offered DiSp ’82, ’83; E/Fa ’83. Chronologically arranged readings in English literature from medieval period to 17th century.

ENGL 254 Survey of English Literature II* 3 hrs, 3 cr. Offered DiSp ’83, ’84; E/Fa ’83. Chronologically arranged readings in English literature from the 17th century to the Victorian period.

Writing

ENGL 201 Intermediate Expository Writing Using Tutorial Method 3 hrs, 3 cr. Prereq: ENGL 120. Additional practice in expository writing; small classes (8-10).

ENGL 218 Advanced Expository Writing 3 hrs, 3 cr. Prereq: ENGL 120. Offered D, E/Fa. Frequent writing practice with emphasis on clarity, style, and organization.

ENGL 361 Theory and Practice of Expository Writing* 3 hrs, 3 cr. Offered DiSp ’83, E/Fa ’84. Composition in variety of nonfiction prose forms and study of rhetorical theories.


ENGL 309 Essay Writing II 3 hrs, 3 cr. Prereq: ENGL 220 and 308. Offered DiSp ’83, E/Fa ’83. Advanced theory and practice of writing nonfiction. Focus will be on longer essays.


Language and Literature

ENGL 301 Literary Criticism* 3 hrs, 3 cr. Offered E/Fa ’82, DiSp ’83. Major theories of literature from Aristotle to the present, with emphasis on contemporary trends.

ENGL 351 The Structure of Modern English* 3 hrs, 3 cr. Development and present character of English, with emphasis on recent approaches to science of language.

ENGL 352 History of the English Language* 3 hrs, 3 cr. Offered DiSp ’83, E/Fa ’83. Study of development of the language to present time.

ENGL 353 Chaucer* 3 hrs, 3 cr. Offered D, E/Fa ’83. Study of Chaucer, with emphasis on Canterbury Tales.

ENGL 366 Medieval Literature (1100-1500)* 3 hrs, 3 cr. Offered E/Fa ’82. Selected works include examples of epic, romance, satire, allegory, and lyric.

ENGL 337 Literary Aspects of Folklore* 3 hrs, 3 cr. Offered DiSp ’83. Studies of folktales, ballads, and legends in their relationship to written literature.

ENGL 351 The Age of Elizabeth I* 3 hrs, 3 cr. Offered DiSp ’83, E/Fa ’84. Major emphasis on work of Spenser; readings in other Elizabethan poetry and prose.

ENGL 352 Shakespeare Survey* 3 hrs, 3 cr. A survey of Shakespeare’s plays. For students who do not intend to elect ENGL 353 or 354.

ENGL 353 Shakespeare I* 3 hrs, 3 cr. Offered DiSp ’83. Study of works from first half of Shakespeare’s career.

*Courses so marked require ENGL 220 as prerequisite
ENGL 354 Shakespeare II 3 hrs, 3 cr. Offered D/Sp '83, E/Fa '83. Study of works from second half of Shakespeare's career.

ENGL 355 Selected Studies in Shakespeare* 3 hrs, 3 cr. Offered D/Fa '82, Fa '84, E/Sp '83. Topics vary from semester to semester.

ENGL 360 The 17th Century* 3 hrs, 3 cr. Offered D/Fa '82, E/Fa '83. Emphasis on work of John Donne; survey of other poetry and prose (exclusive of Milton).

ENGL 361 Milton* 3 hrs, 3 cr. Offered D/Fa '83, E/Fa '84. Poetry and selected prose of Milton, with special emphasis on critical reading of Paradise Lost.

ENGL 362 English Drama of Restoration and 18th Century* 3 hrs, 3 cr. Offered D/Fa '82, E/Fa '83. The theatre of such playwrights as Dryden, Wycherly, Congreve, Gay, Goldsmith, and Sheridan.

ENGL 364 The Age of Satire* 3 hrs, 3 cr. Offered D/Fa '82, E/Fa '83. Poetry and nonfiction prose, chiefly of Dryden, Pope, and Swift.

ENGL 365 The Later 18th Century* 3 hrs, 3 cr. Offered D/Fa '83, E/Fa '84. Poetry and nonfiction prose, with emphasis on Johnson, Boswell, and Blake.

ENGL 368 The 18th-century English Novel* 3 hrs, 3 cr. Offered D/Fa '82, '83, E/Fa '83. Major emphasis on Bunyan, Defoe, Fielding, Richardson, Sterne, and Austen.

ENGL 369 The 19th-century English Novel* 3 hrs, 3 cr. Offered D/Fa '83, '84, E/Fa '83. Major emphasis on Scott, Dickens, Thackeray, the Brontes, George Eliot, Hardy, and Meredith.


ENGL 373 Victorian Literature* 3 hrs, 3 cr. Offered D/Fa '82, D/Fa '83, Sp '84. Study of such authors as Tennyson, Browning, Arnold, the Rossettis, Swinburne, Carlyle, Ruskin, and Newman.

ENGL 374 Early 20th-century British and American Poetry* 3 hrs, 3 cr. Offered D/Fa '84. Study of such poets as Crane, Eliot, Pound, and Yeats.

ENGL 375 Later 20th-century British and American Poetry* 3 hrs, 3 cr. Offered D/Fa '84. Study of such poets as Auden, Lowell, Plath, Stevens, Thomas, and Williams.

ENGL 376 Early 20th-century British and American Prose* 3 hrs, 3 cr. Offered D/Fa, E/Fa. Study of such authors as Conrad, Dreiser, Faulkner, Fitzgerald, Forster, Hemingway, Joyce, and Lawrence.

ENGL 377 Later 20th-century British and American Prose* 3 hrs, 3 cr. Offered D/Fa, E/Fa. Study of such authors as Barth, Beckett, Bellow, Cary, Ellison, G. Green, Murdoch, Nabokov, and Flannery O'Connor.

ENGL 378 Early 20th-century British and American Drama* 3 hrs, 3 cr. Offered D/Fa '92. Study of such playwrights as Wilde, Yeats, O'Casey, Shaw, O'Neill.

ENGL 379 Later 20th-century British and American Drama* 3 hrs, 3 cr. Offered D/Fa '83. Study of such playwrights as T. S. Eliot, Miller, Wilder, Williams, Albee, Osborne, Beckett, Pinter.

ENGL 380 Irish Literary Renaissance* 3 hrs, 3 cr. Offered D/Fa '83. Study of leading Irish writers of early 20th century: Joyce, O'Casey, Synge, and Yeats.

ENGL 381 Literary Study of the Old Testament* 3 hrs, 3 cr. Offered D/Fa. Emphasis on the variety of literary forms in Old Testament and on stylistic qualities of King James translation.

ENGL 383 Topics in Renaissance Literature* 3 hrs, 3 cr. Offered D/Fa '82, E/Fa '83. Topics vary from semester to semester.

ENGL 384 Topics in Restoration and 18th-century Literature* 3 hrs, 3 cr. Offered D/Fa '83, E/Fa '84. Topics vary from semester to semester.

ENGL 385 Topics in 19th-century Literature* 3 hrs, 3 cr. Offered D/Fa '82, E/Fa '83. Topics vary from semester to semester.

ENGL 386 Topics in British and American Literature* 3 hrs, 3 cr. Offered D/Fa '83, E/Fa '84. Topics vary from semester to semester.

ENGL 387, 388 Selected Studies in British Literature* 3 hrs, 3 cr. Prereq: ENGL 220 and 3-cr elective course in English. Offered D/Fa, E/Fa '83. Authors or topics vary from semester to semester.

ENGL 389 One Major Writer* 3 hrs, 3 cr. Authors vary from semester to semester. May be taken more than once with perm. dept.

ENGL 393 World Literature: Narrative* 3 hrs, 3 cr. Offered D/Fa '83. Selected great narratives of world literature in translation, such as Homer, Vergil, Dante, Cervantes, and Tolstoy. Not credited toward English major.

ENGL 394 World Literature: Drama* 3 hrs, 3 cr. Offered D/Fa '83. Selected plays—classical, medieval, and modern—including dramatic criticism. Not credited toward the English major.

ENGL 395 American Prose Before the Civil War* 3 hrs, 3 cr. Offered D/Fa, E/Fa '83. Study of major figures of colonial and romantic periods in relation to their times.

ENGL 396 American Prose (1871-1914)* 3 hrs, 3 cr. Offered D/Fa '82, D/Fa '83. Study of such authors as Twain, Howells, James, Dreiser, Crane, and Wharton.

ENGL 397 American Poetry to 1914* 3 hrs, 3 cr. Offered D/Fa '83. Study of Taylor, Poe, Emerson, Whitman, Dickinson, and E.A. Robinson.

ENGL 398, 399 Selected Studies in American Literature 3 hrs, 3 cr. Prereq: ENGL 395 or 396. Offered D/Fa '83, E/Fa '83. Authors or topics vary from semester to semester.

ENGL 485 Individual Tutorial Project* 1 sem., 3 cr. Prereq: perm. dept. Research paper or substantial creative work written under direction of a full-time instructor.

ENGL 494 Honors Seminar: Special Studies* 1 sem., 3 cr. Prereq: perm. dept. and inst. Offered D/Fa, E/Fa. Topics in British and American literature and linguistics. May be taken a second time in another subject.

ENGL 495 Honors Essay* 1 sem., 3 cr. Prereq: perm. dept. and inst. Individual research and writing of honors essay under direction of a full-time instructor.

ENGL 496 Inservice 1-6 hrs, 1 cr. for each hr. Prereq: perm. chair. Opportunities of working in positions of responsibility in professional institutions for academic credit.

Courses not to be offered during 1982-1984

ENGL 359 English Drama to 1642

ENGL 382 Literary Study of the Apocrypha and the New Testament

*Courses so marked require ENGL 220 as prerequisite
English Language Arts

**Program Office** (old) North Building room 1215 (new) West Building room 1027

**Chair** David Cooper

**Committee** Barickman (English), Cooper (Curriculum & Teaching), Minkoff (English), Ayralvainen (Communications), Sternberg (Theatre)

English Language Arts is not a department, but an interdisciplinary major leading to the Bachelor of Arts degree. It is open to all students, but it may be particularly suitable for prospective elementary school teachers.

The required and recommended courses in this program have been selected for their relevance to the elementary school curriculum and for the breadth they offer to elementary school teachers who may find a traditional major too specialized for their needs.

Careers other than teaching for which a language arts background is desirable include those which call for facility with spoken or written language, such as public relations, advertising, and the communications media. Students interested in the growing field of linguistics will also find English Language Arts an appropriate undergraduate major, particularly if they are interested in the application of linguistics to such educational problems as second-language learning, dialect variations, and beginning reading instruction.

**Distribution Requirement** Students are advised to take basic courses in English, communications, and theatre and film, particularly those that are prerequisites for advanced courses in the English Language Arts major. No courses offered toward fulfillment of the major may also be offered toward the distribution requirement. No more than 6 credits of the minor may also be offered toward the distribution requirement.

**Major Requirements (24 cr)**

**Language (6 cr)**

Required:
- ENGL 331 The Structure of Modern English
- and one of the following:
  - ENGL 332 History of the English Language
  - BLPR 181 Language and Ethnic Identity
  - ANTHC 315 Language and Culture
- COMM 220 Semantics
- COMM 250 Phonetics
- COMM 401 Critical Thinking and Language

**Spoken Arts (6 cr)**

Two of the following:
- THEA 171 Introduction to Theatre
- THEA 250 Creative Dramatics
- THEA 251 Children's Theatre
- FILM 120 Introduction to Cinema
- COMM 351 Group Communication
- COMM 320 Psychology of Communication
- COMM 330 Conflict Resolution

**Writing (3 cr)**

- ENGL 201 Intermediate Expository Writing
- ENGL 218 Advanced Expository Writing
- ENGL 308 Essay Writing
- ENGL 311 Workshop in Fiction I
- ENGL 314 Workshop in Poetry I
- THEA 379 Playwriting
- MEDIA 292 Basic Reporting

**Literature (9 cr)**

Required:
- ENGL 252 Literary Analysis (or 254)
- ENGL 352 Shakespeare Survey (or 353 or 354)

Elective:
- Any 300-level course in literature approved by the English Language Arts advisor (may be selected from courses in English, comparative literature, foreign language, Black and Puerto Rican studies, or classics).

**Minor** The elementary education sequence may be used to fulfill the minor requirement. Non-teaching candidates may select any minor of their choice.

**Honors** Departmental honors will be awarded to a student who completes an honors tutorial project (explained elsewhere) and attains a major GPA of 3.5 and a cumulative GPA of 2.8 by the time of graduation.

**Honors Tutorial Project** 1 sem, 3 cr. Individual research and writing of honors essay or project report on topic related to English language arts. The student's work will be supervised by a cooperating member of any of the departments whose courses comprise the English Language Arts major and the student will be enrolled in the individual honors course in that supervisor's department: ENGL 485, THEA 499, COMM 499, or EDUC 403. Open to qualified juniors and seniors by permission of the English Language Arts advisor.

Environmental Science Studies

**Program Office** (old) North Building room 1305A

**Acting Director** Vincent B. Robinson

**Coordinating Committee and Advisors** Greenberg (Chemistry), Gavascl (Geology), Robinson (Geography), Piccioni (Biology), Bennick (Physics & Astronomy)

Environmental Science Studies, an interdepartmental specialization leading to the Bachelor of Arts degree, offers scientific understanding and practical experience in the observation, analysis, and alleviation of environmental effects conditioned by the activities of human societies. The course of study will give the student a good grounding in the basic sciences, rounded out along problem-oriented, rather than discipline-specific lines. It differs from the traditional curricula in the sciences by minimizing the number of categorically prescribed courses and offering instead options among coherent groups of courses, a substantial part of which must be completed, once a given group is chosen. These options can be arranged so as to prepare for careers (a) as environmental scientists or environmental science technicians (with eventual further professional education at the graduate level) in government agencies, industry, and other institutions that deal with problems of the environment and their management; or (b) as expert advisors to government agencies on action teams in community development and protection.

**Preparation for Teaching** In cooperation with the Division of Programs in Education, the Environmental Science Studies Program provides opportunities for students to prepare for teaching earth science and general science in secondary schools. Students
who wish to meet the certification requirements for teaching in
the public secondary schools in the state of New York should
consult the Education statement in this bulletin.

Major The major consists of at least 49 credits in the following 4
major program areas:

I. Basic Sciences (25–28 cr) Three 2-semester sequences
chosen from the following 4: GEOL 101 and PGEOG 130; BIOL 100
and 102; CHEM 102, 103, 104, 105; PHYS 110 or 111 and 120 or 121.

II. Area of Specialization (10 or more cr) At least 10 credits in
one of the following 4 areas, chosen with the advice of the appro-
priate department from courses other than those listed under
the basic sciences portion, above. The following lists are illustrative,
not required.

Chemistry: quantitative analysis, organic chemistry I, II, III (lecture
and laboratory), physical chemistry.

Biological Sciences: cell biology, ecology, genetics and evolution,
environmental microbiology, comparative animal physiology,
plant physiology, advanced laboratory microbiology.

Geology: environmental geology, elementary field geology, field
geology of New York and vicinity, geologic interpretation of maps
and aerial photographs, geophysics, chemistry of the earth,
survey of oceanography, principles of geomorphology.

Physics: intermediate physics laboratory, atomic and nuclear
physics, thermodynamics and statistical mechanics, optics,
physics for biological systems.

III. Correlative Area Courses (8 cr) An appropriate selection of at
least 8 credits, either from one of the areas under II (other than
the student's area of specialization) or from one of the following
disciplines in some pertinent area:

Mathematics: calculus, statistics, computer science, systems
analysis.

Geography: environmental problems, soils, vegetation, fieldwork,
remote sensing.

Economics: consumption and production, metropolitan economy,
economic development, systems, costs and returns.

Political science: structure and operation of government organiza-
tions, local, national, and international.

Sociology: industrial society, developing societies, demography,
social planning.

Urban affairs: urban communities and problems, participation in
urban affairs seminar.

The selection of appropriate courses in the chosen discipline is
made by the student with the counsel of his specialization advisor
and in consultation with the appropriate department. Students
will be encouraged, wherever qualified for admission, to enroll in
graduate courses that are particularly suitable for this program.

IV. Seminar (6 cr) The Environmental Science Seminar (2 cr per
semester) is required of each student for 3 out of the final 4
semesters.

Independent Study and Honors Students wishing to do indepen-
dent study and/or honors work should use course offerings of
the department of their area of specialization.

COURSE LISTINGS

ENVSC 391, 392, 393 Environmental Science Seminar 2 hrs, 2 cr each.
Prereq: Jr/Sr only; perm. director of program committee. Offered D.
Analysis of current problem area concerning impact of human activity on
natural environment.

ENVSC 490 Individual Research in Environmental Science 6–12 hrs, 3–6
cr. Prereq: perm. director of program committee. Offered D. Independent
completion, under faculty guidance, of a field, lab, or analytical investiga-
tion concerning people and environment.
Geology and Geography

Department Office    North Building (old) room 1307 (new) 10th floor
Chair    Alan H. Strahler
Professors    Rodriguez, Strahler
Associate Professors    Gavasci, Heatwole, Liebling, Price, Scherp, White
Assistant Professor    Robinson
Advisors    (day and evening) Department Office

The department offers courses in geology, human geography, and physical geography. These majors provide preparation both for graduate study and immediate employment. Courses in all of these fields are valuable parts of a general liberal education, developing an awareness of earth phenomena and the role these play in the lives of people. Many of these courses are concerned with the environmental problems that are of so much concern today, and the geography major with a suitable minor can provide a well-rounded program of environmental studies.

Distribution Requirement    Page 16 lists the courses in this department that meet the distribution requirement for category I. A maximum of 6 credits from no more than 2 courses of the major may also be offered toward the distribution requirement. No more than 6 credits of the minor may also be offered toward the distribution requirement.

Geology    Students who expect to do graduate work in geology are advised to take chemistry, physics, and calculus, and we suggest, but do not require, that those who plan to continue the study of geology on the doctoral level elect French, German, or Russian to meet the foreign language portion of the distribution requirement.

Geology Major (25-26 cr)    The geology major consists of 25 to 26 credits as follows: 22 cr in GEOL 101, 102, 231, 242, 252, 352; 3-4 cr selected from GEOL 210 or 211, 233, 246, 262, 266, 268, 351, 353, 361, 382, 393. Students should take at least 3 different 300400 level courses. Prerequisite or corequisite: one year of high school or college chemistry.

Geography    Students who expect to do graduate work in geography are advised to take statistics and/or computer science, and we suggest, but do not require, that those planning to continue to the doctoral level elect the language of the area of regional specialization.

Geography Major (24-26 cr)    The geography major consists of 24-26 cr as follows: 18 cr in GEOL 101, PGEOG 130, GEOG 101, 221, 251; and 6-8 cr selected from GEOL 231 and/or any 3- or 4-credit 200- or 300-level course carrying a GEOG or PGEOG prefix, except GEOG 391, 392, 393, 490, 496. For a student wishing to major in geography with a specialization in environmental studies, the 6 elective credits should include GEOG 226 and either GEOG 210 or 211, and the minor should be environmental studies.

Minors    Geology and geography majors take 12 credits in one or 2 appropriate fields of study, but no more than 6 of those credits may be applied to the distribution requirement. Geology majors may minor in anthropology, art, biology, chemistry, computer science, education, geography, mathematics, physics, or statistics. Geography majors may minor in a wide variety of fields but must secure permission from their major advisor. For information concerning approved courses in the minor, students should consult the chair of the Department of Geology and Geography.

Preparation for Teaching    In cooperation with the Division of Programs in Education, the Department of Geology and Geography provides opportunities for students to prepare for teaching earth science, general science, and social studies in secondary schools. Students who wish to meet the certification requirements for teaching in the public secondary schools in the State of New York should consult the Education Statement in this catalogue.

Teaching Earth Science and General Science in Secondary Schools    To qualify for the provisional (or substitute) certification for teaching earth science and general science in the State of New York, students are advised to include in their undergraduate program the following courses or their equivalent: a geology major; the prerequisites for calculus; CHEM 102, 103, 104, 105; PHYS 110 or 111 and 120 or 121; ASTRO 181; and BIOL 100, 102. PGEOG 130 is desirable. EDUC 345 is required.

To qualify for the permanent certificate for teaching science and general science at the secondary level in the State of New York, students need, in addition to their 4-year undergraduate preparation, a 5th year of study consisting of 30 semester hours of approved graduate courses.

Additional information concerning preparation for the teaching of earth science and general science can be obtained from the coordinator of the sciences (Teacher Education Program).

Teaching Social Studies in Secondary Schools    Geography majors planning to teach social studies should consult with the coordinator of the social sciences (Teacher Education Program).

Electives    A number of courses in the department have no prerequisite. These are open to all interested students. All others are open to all students who meet the prerequisites.

Fieldwork    Five courses offer students an opportunity to study geology and geography in the field: GEOL 210 and PGEOG 210, 210.52, offered either before or after summer session; and GEOL 211 and PGEOG 211, offered on Saturdays. In addition to the regular field courses, field trips are conducted in connection with a number of other courses.

Graduate Study    Courses in the Graduate Division may be taken for credit toward the bachelor's degree by highly qualified seniors. Written permission must be obtained from the department chair.

Honors Work and Individual Study    Qualified students may be admitted to GEOL 490 or PGEOG 490. To be graduated with departmental honors, a major must take 490 and have a 2.8 cumulative GPA and 3.5 major GPA. These courses, along with GEOL 391, 392, 393 and PGEOG 391, 392, 393, offer opportunity for students to undertake individual research in geology or geography.

Inservice Program    This program (GEOL 498, PGEOG 498) provides opportunities for qualified majors to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See department chair for details.

Inter-American Affairs Program    The department participates in the interdisciplinary program in Inter-American affairs (see page 98). For information concerning the geography components of the program (GEOL 270, 271) consult Professor White.

Environmental Science Studies    The department participates in the interdisciplinary program in Environmental Science Studies (see page 71). For information concerning the components of the program, consult Professor Robinson (geography) or Professor Gavasci (geology).
Urban Studies. Students who have selected the major-minor concentration in urban studies or the major in urban studies may select work in geography to fulfill the 6-hour social science or related-field requirement in the major or the major/minor program. Course selections should be made after consultation with the advisor in the Department of Urban Affairs. Recommended courses include GEOG 210, 211, 215, 227, 341.

COURSE LISTINGS

Geology

GEOL 101 Fundamentals of Geology 5 hrs (3 lec, 2 lab), 4 cr. Plate tectonic theory; volcanism, earthquakes, continental drift, mountain-building.

GEOL 102 Historical Geology 5 hrs (3 lec, 2 lab), 4 cr. Prereq: GEOL 101. Study of earth from solar system's inception to present. Evolution of its crust, atmosphere, hydrosphere. Record of life. Lab: study of fossils, sedimentary facies, cross-sections, maps.

GEOL 154 Gems and Semi-Precious Stones 2 hrs, 2 cr. Offered D. Introduction to physical nature and natural history of gems and semi-precious stones. Cutting and polishing processes. Identification, formation, market value.


GEOL 205 Environmental Geology 3 hrs, 3 cr. Prereq: GEOL 101. Offered D/Sp. Geology's role in understanding and solving such problems as hazards, water supply, drainage, construction, waste disposal, and health. Land use analysis and planning.

GEOL 210 Elementary Field Geology 90 hrs field and lab work (1 day lab, 10 days fieldwork), 3 cr. Prereq: GEOL 101 or equiv. and perm. inst. Offered Intersession June or Sept. Field study of geologic features. Identification of rocks, minerals, fossils, geologic structures, and land forms. Brunton compass. Structure sections from field data.

GEOL 211 Field Geology of New York City and Vicinity 90 hrs field and lab work, 3 cr. Prereq: GEOL 101 or equiv. Meets Saturdays. Offered Fa '83. Basic field methods. Field study and geologic mapping of local features. Brunton compass. Introduction to plane table and alidade.

GEOL 220 Geologic Interpretation of Maps and Aerial Photographs 3 hrs (1 lec, 2 lab), 2 cr. Prereq: GEOL 101 or perm. Inst. Offered D/Sp '83. Use of topographic maps and air photos to study and recognize geologic features. Geologic maps. Cross sections.

GEOL 231 Principles of Geomorphology 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GEOL 101. Offered D/Sp '82; E/Sp '83. Study of landforms and their evolution. Emphasis is placed on topographic expression of geologic structure and features.

GEOL 233 Geology of North America 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GEOL 102. Offered D/Sp '82; E/Sp '83. Regional study of principal structural units and geomorphic features of continent with emphasis on US.

GEOL 242 Invertebrate Paleontology 5 hrs (3 lec, 2 lab), 4 cr. Prereq or coreq: GEOL 102. Offered D/Sp. Morphology, evolution, and paleoecology of fossil invertebrates; emphasis on marine forms. Introduction to modern principles and methods including an introduction to morphometric data analysis.


GEOL 246 Stratigraphy and Sedimentation 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GEOL 102. Offered D/Sp. Sediment formation, transportation, deposition and diagenesis, structures, environments, facies; sedimentary basins; vertical, lateral, and age relationships of sediments.

GEOL 252 Elements of Mineralogy 6 hrs (2 lec, 4 lab), 4 cr. Prereq: GEOL 101; prereq or coreq: college chemistry or perm. Inst. Offered E/Sp '82; D/Sp '83. Principles of crystal chemistry and mineral structure. X-ray diffraction. Mineral structure models.


GEOL 266 Geophysics 5 hrs (3 lec, 2 lab), 4 cr. Prereq: GEOL 101 and PHYS 120 or 121 or MATH 150 or perm. Inst. Offered D/Sp '83. Application of seismic, gravity, magnetic, and electrical methods to study of subsurface geology. Data collection, reduction and interpretation.

GEOL 268 Chemistry of the Earth 5 hrs (3 lec, 2 lab), 4 cr. Prereq: GEOL 101 and one sem of chemistry. Offered D/Sp '83. Study of chemical composition and evolution of earth's crust, atmosphere, and sea water. Application of concepts to geology and environmental problems.


GEOL 291 Special Topics in Geology or Oceanography 1 or 2 hrs (1 lec or 2 lab), 1 cr. Prereq: perm. dept. Offered on demand. Intensive course in various aspects of geology or oceanography. Topics and prerequisites announced in advance.

GEOL 292 Special Topics in Geology or Oceanography 2 or 3 hrs (2 lec or 1 lec and 2 lab), 2 cr. Prereq: perm. dept. Offered on demand. Intensive course in various aspects of geology or oceanography. Topics and prerequisites announced in advance.

GEOL 293 Special Topics in Geology or Oceanography 3 or 4 hrs (3 lec or 2 lec and 2 lab), 3 cr. Prereq: perm. dept. Offered on demand. Intensive course in various aspects of geology or oceanography. Topics and prerequisites announced in advance.

GEOL 351 Optical Mineralogy 6 hrs (2 lec, 4 lab), 4 cr. Prereq: GEOL 252 or perm. Inst. Offered E/Sp '83. Optical properties of crystals. Polarizing microscope used to measure optical variables in fragments and thin sections of minerals (crystals) for the purpose of identification.

GEOL 352 Petrology (Rocks and Rock Minerals) 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GEOL 252. Offered D/Sp '83; E/Sp '84. Description and classification of rocks. Phase equilibria of silicate systems; tectonic setting of major rock types. Chemical and physical factors governing rock formation and appearance.

GEOL 353 Microscopic Petrography 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GEOL 351 or perm. dept. Offered on demand. Study of rocks in thin section using petrographic microscope. Mineral content determination and assemblage; rock textures and structures.

GEOL 361 Economic Geology 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GEOL 102 and 253 or 352. Offered D/Sp '83. Origin, occurrence, distribution, and use of minerals, fuels, and building materials of earth's crust.


GEOL 363 Hydrogeology 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GEOL 101 and 1 year each of physics, chemistry, and calculus or perm. dept. Offered on demand. Occurrence and movements of groundwater; well hydraulics; quality of groundwater; prospecting; development and conservation.

GEOL 391 Individual Study in Geology 1 cr. Prereq: 2 sems of geology and perm. dept. Individual study and reading, with lab or fieldwork where appropriate, carried out under faculty guidance.

GEOL 392 Individual Study in Geology 2 cr. Prereq: 2 sems of geology and perm. dept. Individual study and reading, with lab or fieldwork where appropriate, carried out under faculty guidance.

GEOL 393 Individual Study in Geology 3 cr. Prereq: 2 sems of geology and perm. dept. Individual study and reading, with lab or fieldwork where appropriate, carried out under faculty guidance.

GEOL 490 Honors in Geology 1 sem., 3 cr. Prereq: upper Jr/Sr only with perm. dept. Individual research carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

GEOL 498 Inservice 1-4 cr. Prereq: qualified geology majors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credits. See chair.
Physical Geography

PGEOG 111 Geographic Study of the Earth as a Planet 2 hrs, 2 cr. Offered DiSp '83. The earth's size, shape, and major movements in relationship to people and their activities. Study of ecosystems.


PGEOG 130 Weather and Climate 5 hrs (3 lec, 2 lab), 4 cr. Principles of meteorology and climatology; elements of weather; current weather analysis; weather maps; forecasting. Patterns and characteristics of world climates; climatic change.

PGEOG 180 Cartography and Graphic Presentation I 3 hrs + independently scheduled lab, 3 cr. Offered DiSp. Introduction to art and science of map-making. Basic cartographic skills. Methods of data presentation.

PGEOG 221 Introduction to Aerial Photographic Interpretation 6 hrs (2 lec, 4 lab), 4 cr. Prereq: GEOG 101 or GEOL 101 or perm. dept. Offered DiSp '83. Basic techniques of aerial photo interpretation. Interpretation sequence; object measurement; methodology.


PGEOG 332 Advanced Image Interpretation 4 hrs (2 lec, 2 lab), 3 cr. Prereq: PGEOG 321 or perm. inst. Offered Fa. '83. Project-oriented course in interpretation of air- and space-borne (infrared, radar, and LANDSAT) imagery.

PGEOG 421 Seminar in Remote Sensing 4 hrs (2 lec, 2 lab), 3 cr. Prereq: PGEOG 322 and MATH 150 or perm. inst. Offered Sp. '83. Senior-level course stressing the digital analysis of satellite data, especially LANDSAT. Preprocessing; computer algorithms; ground truthing; information systems.

Geography

GEOG 101 People and Their Environment 3 hrs, 3 cr. Survey of earth environment (atmosphere, land, water); how it varies spatially and how people interact with it. Contemporary economic, political, and social patterns and problems are discussed.

GEOG 133 Geography in World Affairs 1 hr, 1 cr. Offered D. Interpretation of geographic influences on current global political, social, and economic problems.

GEOG 210 Elementary Field Geography 90 hrs field and lab work (one evening lab and 10 days fieldwork), 3 cr. Prereq: GEOG 101 or equiv. and perm. inst. Offered intersession June or Sept. Field study of interrelationships of physical environment and settlement of land by people. Students may register for Northern (GEOG 210A) and Southern (GEOG 210B) Itineraries.

GEOG 211 Field Geography of New York City and Vicinity 6 hrs, 3 cr. Prereq: GEOG 101. Meets Saturdays. Offered on demand. Field study of urban and urban fringe land use. Population distribution; economic activities; transportation facilities. Field mapping.

GEOG 215 Introduction to Quantitative Methods in Geography 3 hrs, 3 cr. Offered on demand. Process of spatial analysis. Application of scientific methods to geographic research is stressed: sampling; distribution measurement; autocorrelation; interaction models.

GEOG 221 Economic Geography 5 hrs (3 lec, 2 lab), 4 cr. Not open to freshmen. Offered E/Fa '82; DiSp '83. Geographical factors influencing economic activity. Spatial organization of society. Location theories are stressed. Locational and commodity flow; analysis; regional economic development.


GEOG 227 Environmental Conservation: Urban Problems 3 hrs, 3 cr. Offered DiSp '83. Impact of people on nature, spatial distribution, quality, and adequacy of major physical resources of urban areas.


GEOG 251 Geography of the United States and Canada 3 hrs, 3 cr. Offered DiSp '83, E/Fa '84. Analysis of relationship of natural environment to economic, social, and political life of North America. Emphasis on US.


GEOG 270 Regional Geography of the Circum-Caribbean 3 hrs, 3 cr. Offered E/Fa '82. Analysis of relationship of natural environment to economic, social, and political life of Mexico, Central America, and West Indies.

GEOG 271 Regional Geography of South America 3 hrs, 3 cr. Offered E/Fa '83. Analysis of relationship of natural environment to economic, social, and political life of South America.

GEOG 272 Regional Geography of Europe 3 hrs, 3 cr. Offered on demand. Analysis of the relationship of natural environment to economic, social, and political life of Europe (excluding the USSR).

GEOG 274 Regional Geography of the Middle East and North Africa 3 hrs, 3 cr. Offered D/E/Fa '84. Analysis of relationship of natural environment to economic, social, and political life of Middle East and North Africa.

GEOG 275 Regional Geography of Sub-Saharan Africa 3 hrs, 3 cr. Offered DiSp '82. Analysis of the relationship of natural environment to economic, social, and political life of Africa south of Sahara.

GEOG 277 Regional Geography of East Asia 3 hrs, 3 cr. Offered DiSp. Analysis of East Asia's potential; in terms of natural resources, population, industry, and agriculture, with emphasis on China.

GEOG 278 Regional Geography of the USSR 3 hrs, 3 cr. Offered on demand. Analysis of the relationship of natural environment to economic, social, and political life of Soviet Union.


GEOG 341 Urban Geography 3 hrs, 3 cr. Prereq: Jr/Sr only and perm. dept. Offered Di/Fa '83. Spatial analysis of functions of metropolitan areas. Social and economic characteristics of cities and suburbs. Land use and transportation patterns.

GEOG 347 Cultural Geography 3 hrs, 3 cr. Prereq: GEOG 101 or perm. inst; Jr/Sr only. Offered DiSp '83. Environmental impact of culture. Diffusion theory. Culture groups; language; architecture; landscapes. Perception.


GEOG 380 Seminar in Geographic Concepts and Methodology 3 hrs, 3 cr. Jr/Sr only and perm. inst. Offered on demand. Investigations of evolution, conceptual framework, and methodological approaches of modern geography. Topics to be announced.

GEOG 381 Special Topics in Geography 1 or 2 hrs (1 lec or 2 lab), 1 cr. Prereq: GEOG 101, the 200-level course of which special topic is logical outgrowth, and perm. inst; Jr/Sr only. Offered on demand. Topics to be announced. Designed to allow students to pursue special topics of interest.

GEOG 382 Special Topics in Geography 2 or 3 hrs (2 lec or 1 lec and 2 lab), 2 cr. Prereq: GEOG 101, the 200-level course of which special topic is logical outgrowth, and perm. inst; Jr/Sr only. Offered on demand. Topics to be announced. Designed to allow students to pursue special topics of interest.

GEOG 383 Special Topics in Geography 3 or 4 hrs (3 lec or 2 lec and 2 lab), 3 cr. Prereq: GEOG 101, the 200-level course of which special topic is logical outgrowth, and perm. inst; Jr/Sr only. Offered on demand. Topics to be announced. Designed to allow students to pursue special topics of interest.
GEOG 391 Individual Study in Geography 1 cr. Prereq: 2 sem. of geography and perm. dept. Individual study and reading, with lab or fieldwork where appropriate, carried out under faculty guidance.

GEOG 392 Individual Study in Geography 2 cr. Prereq: 2 sem. of geography and perm. dept. Individual study and reading, with lab or fieldwork where appropriate, carried out under faculty guidance.

GEOG 393 Individual Study in Geography 3 cr. Prereq: 2 sem. of geography and perm. dept. Individual study and reading, with lab or fieldwork where appropriate, carried out under faculty guidance.

GEOG 490 Honors in Geography 1 sem., 3 cr. Prereq: upper Jr/Sr only with perm. dept. Individual research to be carried on under faculty guidance. Results must be embodied in an honors essay or equivalent.

GEOG 498 Inservice 14 cr. Prereq: open to qualified geography majors, upper Jr/Sr only. Opportunities for working in positions of responsibility in professional institutions for academic credit. See chair.

German

Department Office (old) North Building room 924 (new) West Building room 1405

Chair Anni Gutmann
Professors Hoffman
Associate Professors Gutmann, James, Sullivan
Advisors (day) Dorothy James & Mary Sullivan, alternately (evening) Anni Gutmann

German is one of the most important European languages, with many applications in business, industry, and the professions. The study of German has long held a strong position in American education. German writers like Goethe, Hesse, Kafka, Brecht, and others have made great and lasting contributions to our civilization. German literature and philosophy form an important part of European culture.

Research in a great variety of fields—e.g. musicology, art history, film, psychology, philosophy, and in the pure sciences—is published in German, and a knowledge of German is thus required for graduate study in many fields.

German is also important in the business world. There is a lively need for people with a knowledge of German right here in New York City, as can be seen in the Help Wanted column of The New York Times under "German-English." German is also an asset when traveling and working in Austria, Germany, and Switzerland.

The Department of German offers various kinds of language instruction as well as advanced courses in German literature and culture. The language courses GERMN 101, 102, 201, 202 train students to speak, read, write, and comprehend German. These 4 courses fulfill the foreign language requirement and constitute a suitable foundation for the German major.

A second type of language instruction is offered with in GERMN 111, 112, 211. These courses, designed for students who are primarily interested in reading German, do not fulfill the College distribution requirement in foreign language.

Distribution Requirement

1. Students pursuing German as a new language will fulfill the language requirement in 4 semesters by taking GERMN 101, 102, 201, and 202.

2. Students who enter with 1 year of high school German need 3 additional college semesters: GERMN 102, 201, and 202.

3. Students who enter with 2 years of high school German need 2 additional college semesters: GERMN 201 and 202.

4. Students who enter with 3 years of high school German need 1 additional college semester: GERMN 202.

5. Students who enter with 4 years of high school German should consult the chair of the department.

Students who speak German at home or who have studied abroad should consult the chair for placement and choice of courses.

The distribution requirement in literature may be met in part by taking 3 credits in an advanced literature course offered by the German Department.

Major The major consists of 24 credits chosen from the following courses: GERMN 301, 302, 311, 314, 316, 321, 324, 326, 328, 330, 332, 334, 336, 338, 342, 344, 444, 491, 492, 493, 498. Students who begin German in college may count GERMN 201 and GERMN 202 as major courses. Students who have studied in foreign schools may be admitted to the major after consultation with the chair.

Minor A minor consists of 12 credits; at least 6 credits should be in advanced courses (GERMN 301-349). Students who elect to minor in German should consult their major department for approval.

German majors may select a 12-credit minor in any department. The courses must be approved by the chair of the German Department.

Electives All courses offered are open to all qualified students as electives. For placement consult the department chair.

Honors, Tutorials, Preparation for Secondary School Consult the department chair for these special programs.

Credit One-semester courses in the department will be credited singly, but GERMN 101 is not credited without GERMN 102.

COURSE LISTINGS

Beginning Courses

GERMN 101 Elementary German I 3 hrs, 3 cr. Not credited without GERMN 102. Practice in 4 basic skills of speaking, reading, writing, and comprehending German. For beginners.

GERMN 101.50 Elementary German Workshop 1 hr, 1 cr. Additional practice in spoken and written German. Intended primarily to improve the speaking skill of students taking GERMN 101.

GERMN 102 Elementary German II 3 hrs, 3 cr. Prereq: GERMN 101 or equiv. Continued practice in speaking, reading, writing, and comprehending German.

GERMN 102.50 German in Action 2 hrs, 2 cr. Beginners' conversation course open to students enrolled in GERMN 102. Conversation on topics from everyday life in modern Germany.

GERMN 101, 102 Elementary German I and II 6 hrs, 6 cr. Intensive practice in 4 basic skills of German. Year's work completed in 1 semester or in summer session.

GERMN 106 German through Lieder 1 hr, 1 cr. Prereq: GERMN 101 or equiv. Studying and singing of German songs for additional language practice.

GERMN 111 Elementary German for Reading Purposes 3 hrs, 3 cr. Basic grammar for reading knowledge of German. Reading and translation of short texts on a variety of topics.

GERMN 112 Intermediate German for Reading Purposes 3 hrs, 3 cr. Prereq: GERMN 111 or equiv. Intensive reading of increasingly difficult works in German on literary, cultural, and scientific topics.
Advanced Courses (Conducted In German)

A varying selection of the following courses will be offered in alternate years in accordance with student needs. Please consult the chair of the department or the departmental advisor for specific details.

GERMN 301 German Conversation 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Intensive practice in conversational German.

GERMN 302 Advanced German Conversation and Composition 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Extensive practice in speaking and writing German.

GERMN 311 The German Press of Today: Reading and Understanding Newspapers and Magazines 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Reading and discussion of present-day German newspapers and magazines.

GERMN 314 German Civilization 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Introduction to key topics in German history, politics, arts, literature, and science.

GERMN 316 German Thought and Culture: A Survey 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of German contributions in fields of art, literature, music, philosophy in historical perspective.

GERMN 321 Readings in Modern German Literature 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of selected works of such writers as Thomas Mann, Hesse, Brecht, Kafka, and Frisch.

GERMN 324 The German Short Story and Novel 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of short narrative works from age of Goethe to present.

GERMN 326 German Lyric Poetry 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of important lyrics from Baroque period to present.

GERMN 328 German Drama from Age of Goethe to Naturalism 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of dramas by such writers as Goethe, Schiller, Kleist, Böchner, Grillparzer, and Hebbel.

GERMN 330 German Drama from Naturalism to Present 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of dramas by such writers as Hauptmann, Wedekind, Brecht, Dürrenmatt, Frisch, and Handke.

GERMN 332 The German Novel 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of narrative works by such writers as Goethe, Keller, Fontane, T. Mann, Kafka, Döblin, Böll.

GERMN 334 Readings in Classical Period of German Literature 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of selected works by Lessing, Goethe, and Schiller.

GERMN 336 Goethe's Faust 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Intensive study of Goethe's Faust, Part I and II.

GERMN 338 German Literature from Its Origins to the Age of Goethe 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Survey of German literature from the Hildebrand to 18th century.

GERMN 342 German Literary Seminar 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. May be repeated for credit of 6 cr. Seminar study of significant themes in German literature, German author, or literary movement or genre.

GERMN 344 Studies in German Literature and Language 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Discussion of literary topic or linguistic phenomenon.

GERMN 444 Seminar Studies in German Literature and Language 3 hrs, 3 cr. Prereq: GERMN 202 or equiv. Seminar study of literary topic or linguistic phenomenon.
Health and Physical Education

Department Office  
(old) North Building room 435  
(new) West Building room 311

Chair  
Thomas R. Burke

Coordinators (Advisors)  
Health Education: Franklyn Greenberg  
(old) North Building room 431,  
(new) West Building room 1131  
Physical Education: Frances Allen  
(old) North Building room 431  
(new) West Building room 1101

Professors  
Havel

Associate Professors  
Burke, Derfler, Greenberg, Higgins, Schmals,  
Zabka

Assistant Professors  
Brown, Koch, Scolnick, Seguine, Taussig

Lecturers  
Lefkarris

The department offers major programs of study in health education, physical education, and human movement studies. Each of these programs can lead to career options in teaching, community settings, research, and graduate study. In addition, there is a general education program of activity courses open to all students. These activity courses satisfy the distribution requirement and enhance individual development of motor skill, physical fitness, and activity appreciation.

Distribution Requirement  
All students are required to take one course in activity to fulfill the 1-credit requirement. The requirement must be fulfilled by the time the student has completed 75 credits toward graduation. Students taking additional courses may use the credits as electives. Students with advanced standing in physical education should see the department chair for evaluation of courses as soon as they are admitted to the College. For a list of activity courses that will fulfill the College-wide distribution requirement in physical education, students should refer to the section “General Physical Education” on p. 81.

Major  
Students who wish to major in physical education or health education will find the specific requirements listed under each degree. Students should report immediately to the department for an advisor.

Minor  
Students who wish to minor in physical education should meet with the departmental advisor to arrange an appropriate course of study.

Preparation for Teaching  
In cooperation with the Division of Programs in Education, the Department of Health and Physical Education offers opportunities for men and women to prepare for a career in teaching. Requirements for the New York State certificate and/or the New York City license are described in the Education statement in this bulletin.

Electives  
All courses in the department are open to qualified students who wish to take them as electives.

Honors and Individual Studies  
Qualified students who wish to conduct research under faculty guidance may be admitted to HED 490/PEDCO 490 or HED 480/PEDCO 480.

Field Experience  
Students who have completed a minimum of 9 credits in core courses may be admitted to HED 470/PEDCO 470 field experiences. This course offers the opportunity for supervised fieldwork and can be taken more than once.

BS in Health Education

Health Education Major  
An undergraduate degree in health education reflects the study of daily living and how human beings promote their emotional, physical, and social well-being. The BS in health education prepares school health educators to make an impact on the school’s environment, health services, and health instruction. Students are required to complete a 36-credit major and 20 credits in education.

Course Allocation

Distribution requirement (41-55 cr)
Education sequence (20 cr)
Required major courses (31 cr)
Selective required courses (5 cr)
Minor (12 cr)
Electives (5-19 cr)

Required and Selective Required Major Courses  
The following courses are required of all health education majors:

Required Major Courses (31 cr)
H ECO 141 Nutrition 1
HED 100 Contemporary Health Concepts
HED 200 Public Health
HED 301 Mental Health for the Health Educator
HED 302 Health Appraisal and School Health Program
HED 305 Sex Education
HED 306 Drug and Drug Dependencies
HED 307 The School Health Curriculum
HED 308 Affective Teaching Strategies and Health Behavior (4 cr)

Selective Required Courses (5 cr)
HED 300 Seminar: Selected Topics in Health (1-3 cr)
HED 303 Consumer Health
HED 304 Death and Dying
HED 470 Fieldwork (1-3 cr)
HED 480 Independent Study in Health Education (1-3 cr)
HED 490 Honors in Health Education
PED 380 Foundations of Physical Fitness
HED 100 Contemporary Health Concepts 3 hrs, 3 cr. Survey of health-related concepts that confront contemporary man.

HED 200 Public Health 3 hrs, 3 cr. Evolution of public health. Epidemiology, prevention, and control of communicable diseases; organization and functions of health agencies.

HED 301 Mental Health for the Health Educator 3 hrs, 3 cr. Effects of normal and abnormal behavior on interpersonal relationships; analysis and promotion of positive mental health practices through classroom experiences.

HED 302 Health Appraisal and the School Health Program 3 hrs, 3 cr. Focus on health of school children and on services and environment provided to meet those health needs.

HED 303 Consumer Health 3 hrs, 3 cr. Consumer's perspective for determining credibility and validity of health services and products.

HED 304 Death and Dying 3 hrs, 3 cr. Exploration of dying process and death; death as a natural process; learning to cope with death of loved ones; prospect of one's immortality.

HED 305 Sex Education 3 hrs, 3 cr. Overview of human sexuality through affective processes with emphasis on sociological and cultural influences.


HED 307 The School Health Curriculum 3 hrs, 3 cr. Introduction to school health curriculum (K-12), national, state, and local curricula models, and process involved in developing health curriculum.

HED 308 Affective Teaching Strategies and Health Behavior 4-5 hrs, 4 cr. Coreq: EDUC 375. Introduction to affective teaching strategies in health instruction. Laboratory work conducted in cooperation with local schools.

HED 351 Safety Education and Emergency Care 3 hrs, 3 cr. Approach to persons in need of emergency medical care, emphasizing basic life support, surgical, and environmental emergencies. Opportunity to qualify for first aid and cardiopulmonary resuscitation certification.

HED 400 Seminar: Selected Topics in Health 1-3 hrs, 1-3 cr. Study of a current issue relating to role of health educator.

HED 470 Fieldwork 1-3 hrs, 1-3 cr. Prereq: written perm from dept chair prior to registration. Opportunity for majors to become involved in off-campus school or community learning experience which compliments their professional preparation as health educators.

HED 480 Independent Study in Health Education 1-3 hrs, 1-3 cr. Exploration in area of special interest with faculty guidance. Topic to be approved by advisor.

HED 490 Honors in Health Education 3 hrs, 3 cr. Prereq: 3.5 GPA in major, 2.8 general GPA; completion of 24 cr. In-depth study of a selected subject matter area.

PEDCO 380 Foundations of Physical Fitness 3 hrs, 3 cr. Introductory course in principles and methods of physical fitness development. Emphasis on cardiovascular and muscle endurance, strength, and flexibility development.

BS IN PHYSICAL EDUCATION

The department offers programs designed to meet varying career goals. Students interested in teaching physical education should elect the BS degree in physical education with professional preparation in education. Students interested in working as professionals in physical education subfields—physical fitness, recreation, gerontology, etc.—apart from teaching should elect the BS degree in physical education for non-teachers.

Students interested in studying processes underlying movement or advanced study in movement-related fields should elect the BA degree in Human Movement Studies.

BS in Physical Education—Teaching

Core Courses (24 cr) PEDCO 250, 251, 349, 350, 351, 352, 383, 450

Activity Leadership (18 cr) PEDCO 130 or 135, 145, 210, 212, 213, 221, 225, 227, 228, PEDM 120 or PEDCO 148, PEDM 220 or PEDW 220, PEDCO 396 and 399. One course in swimming and 2 cr of required elective activity.

Science Requirement (15 cr) BIOL 100 and 102 (fulfills distribution requirement), BIOL 120 and 122 (fulfills distribution requirement)
with approval from department chair) and 2 additional science courses approved by advisor.

**Education Sequence (20 cr)** EDFDN 261, 272, 362, EDUC 355, 376, 476

**Distribution Requirement (44–52 cr)** Student will complete the distribution requirement for all undergraduate students in the BA curriculum. For category VI (Social Sciences), the physical education major must take PSYCH 100 and 150 or 180.

**Electives** Students are encouraged to take 9-12 cr of concentrated work in an elective area offered by the department. (The tracks in Adapted Physical Education and in Coaching and Administration are particularly advised for students going into teaching.)

**BS in Physical Education—Nonteaching**

**Core Courses** (21 cr) PEDCO 250, 251, 349, 350, 351, 352, 450

**Activity Leadership** (18 cr) PEDCO 130 or 135, 145, 210, 212, 213, 221, 225, 227, 228, PEDM 120 or PEDCO 148, PEDM 220 or PEDW 220, PEDCO 398, 399, 1-cr swimming and 2-cr required elective activities.

**Science Requirement** (15 cr) BIOL 100 and 102 (fulfills distribution requirement) BIOL 120 and 122 (fulfills distribution requirement with approval from department chair) and 2 additional science courses approved by advisor.

**Distribution Requirement** (same as BS in Physical Education—Teaching)

**Elective Tracks** (12 cr)

Students must take 12 cr in one of the areas listed below. Because the list is not inclusive, and the courses may vary, students must see an advisor to plan their 12-cr concentration. All BS degree students are encouraged to take HED 351.

**Coaching and Administration**
PEDCO 360, 361, 371, 381, and HED 351

**Physical Fitness Leadership**
PEDCO 380, 452, 480, HED 351, and H ECO 141

**Adapted Physical Education**
PEDCO 383, 452, 480, 490, and EDSPC 700

**Gerontological Studies**
PEDCO 340, 341, 342, and 480, HED 304, H ECO 141-E

**Recreation**
PEDCO 390, 391, 342, and 480

**Health**
HED 100, 200, 305, and 306

**BA in Physical Education** (24-cr major; 12-cr minor)
This degree has been phased out. Students currently enrolled in this degree program should see Hunter College 1980-82 Bulletin for details.

**BA in Human Movement Studies** (26-cr multidisciplinary major, 12-cr minor)
This course of study is designed for students interested in pursuing advanced degrees in movement-related fields or careers in the allied health sciences or clinical services (applied physiology, motor learning, physical or occupational therapy).

**Major** (26 cr) PEDCO 349, 351, 352, COMM 325, MVMT 450, MVMT 460, and with approval from advisor, 3 cr in either PSYCH 180, 250, or BIOL 278 and 3 cr from either PHIL 248, 386, or 258.

**Minor** (12 cr) Students take 12 cr of concentrated work in one of the following disciplines, or an approved composite of courses structured according to the student's career goals: anthropology, biological sciences, computer science, dance, interpersonal communication, philosophy, or psychology.

**Electives** Courses are recommended in any of the areas specified in the minor and in art, physical education, statistics, and theatre and film. Because the program of study in the major is often sequential and the minor and electives must be carefully tailored to students' career goals, students must see their advisor at least once each semester.

**Distribution Requirement** By virtue of entry requirements into various major courses and the requirements of the field of study, students are required to take PSYCH 100, BIOL 100 and 102 or 120 and 122, and PHIL 120 or an introductory philosophy course.

Students interested in pursuing advanced degrees in the movement sciences are encouraged, but not required, to take C SCI 100 or 110 and STAT 113 or 213.

Students planning careers in physical or occupational therapy, applied physiology, or biomechanics are encouraged, but not required, to take a year of general physics and/or general chemistry and physiology of activity. Students should carefully examine the entry requirements for graduate programs in these fields. Up to 6 credits from the minor may be applied toward the distribution requirement.

**COURSE LISTINGS**

**Theory Courses** (These courses are for majors but are open to other students by permission of the instructor or department chair.)

**PEDCO 250 Foundations of Human Movement** 4 hrs, 3 cr. Biomechanical foundations of human movement.

**PEDCO 251 Principles of Physical Education** 3 hrs, 3 cr. Principles and purposes of modern physical education programs.

**PEDCO 349 Kinesiology I** 3 hrs, 3 cr. Prereq or coreq: PEDCO 250. Functional anatomy and neuromotor control underlying human movement.

**PEDCO 350 Kinesiology II** 3 hrs, 3 cr.


**PEDCO 352 Exercise Physiology** 4 hrs, 3 cr. Anatomical, physiological, and neuromuscular mechanism with application to conditioning in athletics and fitness training.

**PEDCO 383 Adapted Physical Education** 3 hrs, 3 cr. Prereq: PEDCO 349 and 350. Background, objectives, and specific curriculum features of physical education and recreation for handicapped child.

**PEDCO 450 Introduction to Research and Measurement** 3 hrs, 3 cr. Prereq: Sr only. Selection and use of tests and measurements in school program.

**MVMT 450 Observation and Analysis of Human Movement** 4 hrs, 3 cr. Prereq: PEDCO 250 and one 300-level course. Critical review of techniques used in analysis of human movement. Emphasis on analyzing motor skills.

**MVMT 460 Seminar: Topics in Human Movement** 2 hrs, 2 cr. Prereq: 6 cr of 300-level courses or perm. Inst. Readings and discussions on selected topics or problem area in human movement.

**Elective Offerings**

**PEDCO 340 The Aging Process** 3 hr, 3 cr. Biophysical changes and accompanying psychosocial aspects of aging.

**PEDCO 341 Movement Education for the Older Adult** 3 hrs, 3 cr. Theory underlying fitness, self-defense, and creative movement as related to changing physiology of older adult.
PEDCO 342 Recreation Leadership for the Older Adult  3 hrs, 3 cr.  Educational concepts and leadership techniques essential for planning recreation programs for aging populations in various settings.

PEDCO 360 Organization and Administration of Physical Education Programs  3 hrs, 3 cr.  Administrative theory and its application.

PEDCO 361 Psychology of Coaching  3 hrs, 3 cr.  Psychological dimensions of coaching sports.

PEDCO 371 Social Foundations of Sports  3 hrs, 3 cr.  Prereq: SOC 101.  Study of sociological ramifications of sport with special attention to relationships between sport and selected processes.

PEDCO 380 Foundations of Physical Fitness  3 hrs, 3 cr.  Principles and methods of physical fitness.


PEDCO 390 Community Recreation  3 hrs, 3 cr.  Open to all students.  Survey of recreation programs offered in community by public, voluntary, private, and commercial agencies.

PEDCO 391 Camping and Outdoor Recreation  3 hrs, 3 cr.  Open to all students.  Practices and procedures in camping and outdoor recreation programs.

PEDCO 450 Introduction to Research and Measurement  3 hrs, 3 cr.  Prereq: SR majors only or perm. inst.  Introductory course in fundamental principles of conducting research and assessment and evaluation techniques used in physical education environments.

PEDCO 451 Workshop in Physical Education  1-3 hrs, 1-3 cr.  Prereq: 12 cr in the major or perm. inst.  Workshop-type course in selected area of physical education not covered in existing courses.

PEDCO 452 Corrective Exercise  2 hrs, 2 cr.  Prereq: PEDCO 250 and 350.  Learning exercise techniques on correctable fundamental skeletal-muscular problems.

PEDCO 470 Field Experiences  1-3 cr.  See department chair.  Prereq: majors only.  Practical experience in field setting or agency.

PEDCO 480 Individual Research in Physical Education  1-3 cr.  See department chair.  Students under faculty advisement select project of study or research in physical education topic.

PEDCO 490 Honors in Physical Education  3 cr.  See department chair.  Prereq: open to qualified majors who elect to be eligible for departmental honors.  Students pursue an individual research topic under faculty advisement.

Activity Leadership Courses  (for phys. ed. majors or by perm. inst.)

PEDCO 210 Basketball  2 hrs, 1 cr
PEDCO 212 Volleyball  2 hrs, 1 cr
PEDCO 213 Soccer  2 hrs, 1 cr
PEDCO 221 Track & Field  2 hrs, 1 cr
PEDCO 225 Tennis  2 hrs, 1 cr
PEDCO 226 Games of Low & Intermediate Organization  2 hrs, 1 cr
PEDCO 228 Rhythmic Activities for Children  2 hrs, 1 cr
PEDCO 286 Teaching Practicum  2 hrs, 2 cr
PEDCO 289 Teaching Practicum  2 hrs, 2 cr
PEDM 220 Gymnastics for Men  2 hrs, 1 cr
PEDW 220 Gymnastics for Women  2 hrs, 1 cr

Recommended Elective Activity Leadership Courses

DAN 111 Contemporary Dance Technique  3 hrs, 2 cr
DAN 151 Folk Forms  2 hrs, 2 cr
DAN 252 Cultural Dance
PEDCO 220 Fencing  2 hrs, 1 cr
PEDCO 370 Rhythmic Analysis of Movement  3 hrs, 2 cr
PEDM 222 Wrestling/Weight Training  2 hrs, 1 cr
PEDW 211 Softball  2 hrs, 1 cr

GENERAL PHYSICAL EDUCATION

The physical activities curriculum is divided into three coded groupings: PEDW, courses for women; PEDM, courses for men; PEDCO, coeducational courses.

Physical Activity Card  All students entering Hunter College must submit proof of a recent medical examination and chest X-ray to the College medical office.  A physical activity card will be issued and must be presented by the student at the first meeting of all physical education classes and co-curricular activities.

Locker Contract  Every student enrolled in a physical activity course receives a locker assignment to accommodate uniform and equipment storage.

GENERAL PHYSICAL EDUCATION COURSES
(Courses satisfying the distribution requirement)

Aquatics

PEDCO 100 Beginning Swimming  2 hrs, 1 cr
PEDCO 200 Intermediate Swimming  2 hrs, 1 cr.  Prereq: PEDCO 100 or equiv.
PEDCO 201 Advanced Swimming  2 hrs, 1 cr.  Prereq: PEDCO 200 or equiv.
PEDCO 202 Synchronized Swimming  2 hrs, 1 cr.  Prereq: PEDCO 200 or equiv.
PEDCO 300 Advanced Life Saving  2 hrs, 1 cr.  Prereq: PEDCO 201 or perm. inst.
PEDCO 301 Scuba Diving  2 hrs, 1 cr.  Prereq: PEDCO 200 or equiv.
PEDCO 400 Aquatic Leadership  2 hrs, 2 cr.  Prereq: HED 351 and PEDCO 300

Combatives

PEDCO 115 Fencing  2 hrs, 2 cr
PEDCO 116 Judo  2 hrs, 1 cr
PEDCO 117 Karate  2 hrs, 1 cr
PEDCO 120 Wrestling  2 hrs, 1 cr
PEDCO 122 Self-defense  2 hrs, 1 cr
PEDCO 215 Intermediate Fencing  2 hrs, 1 cr.  Prereq: PEDCO 115

Dance

PEDCO 130 Folk and Square Dancing  2 hrs, 1 cr
PEDCO 131 Social Dance  2 hrs, 1 cr
PEDCO 132 Beginning Afro-American Dance  2 hrs, 1 cr
PEDCO 135 Beginning Modern Dance  2 hrs, 1 cr
PEDCO 232 Intermediate Afro-American Dance  2 hrs, 1 cr
PEDCO 235 Intermediate Modern Dance  2 hrs, 1 cr

Fitness and Conditioning Activities

PEDCO 145 Health and Development  2 hrs, 1 cr
PEDCO 146 Individual Physical Education  2 hrs, 1 cr
PEDCO 147 Weight Lifting and Weight Training  2 hrs, 1 cr
PEDCO 148 Yoga  2 hrs, 1 cr

Individual Sports

PEDCO 161 Badminton  2 hrs, 1 cr
PEDCO 162 Bowling  2 hrs, 1 cr
PEDCO 163 Golf  2 hrs, 1 cr
PEDCO 164 Tennis  2 hrs, 1 cr
PEDCO 165 Intermediate Tennis  2 hrs, 1 cr
PEDCO 170 Rhythmic Gymnastics  2 hrs, 1 cr
PEDM 167 Men's Gymnastics  2 hrs, 1 cr
PEDM 267 Men's Intermediate Gymnastics  2 hrs, 1 cr.  Prereq: PEDM 167
PEDW 166 Women's Gymnastics  2 hrs, 1 cr
PEDW 266 Women's Intermediate Gymnastics  2 hrs, 1 cr.  Prereq: PEDW 166

Team Sports

PEDM 175 Basketball  2 hrs, 1 cr
PEDM 176 Basketball  2 hrs, 1 cr
PEDM 177 Field Hockey  2 hrs, 1 cr
PEDCO 178 Soccer  2 hrs, 1 cr
PEDCO 179 Volleyball  2 hrs, 1 cr
The lobby of the School of Health Sciences on East 26th Street leads to a building complex that includes Hunter's 517-room residence hall, the Hunter–Bellevue School of Nursing, the Brookdale Center on Aging, and the principal unit of the City University specializing in training students for health-related professions. An unusual feature of the research facilities available to students in these programs is a biomedical photography lab, part of a new suite of laboratories donated by Felice Lippert ('51).
Health Sciences

440 East 28th St, New York City, NY 10010
Dean Ruth Leventhal

The Hunter College School of Health Sciences, a specialized unit of the City University of New York, offers programs in health-related professions. The School is housed in the newly renovated Brookdale Health Science Center, located in close proximity to many of New York's major health-care facilities. The health professions complex at East 28th Street provides undergraduate and graduate students with well-planned classrooms, fully equipped laboratories, computer access, a speech and hearing clinic, and a library, as well as recreational facilities, cafeteria, and an on-site dormitory.

The School offers 5 upper-division programs leading to bachelor degrees:

- BA Communication Sciences
- BS Community Health Education
- BS Environmental Health Science
- BS Medical Laboratory Sciences
- BS Physical Therapy

(Note: Medical Computer Science and Medical Records Administration are no longer offered.)

As a principal unit of the City University for allied health education, Hunter's School of Health Sciences prepares liberally educated professionals to enter and grow in health-related careers. These professionals will provide health maintenance, disease prevention, evaluation and clinical management of health-related disabilities, and also administration of health services. The School's programs of study provide unique educational, research, and service-oriented opportunities to students.

Admission Students planning to apply for admission to programs offered at the School of Health Sciences should visit or contact the School during their senior year of high school or first year of college to discuss preparation with program advisors. They may request individual counseling appointments or participate in group orientation sessions.

Students enter the School of Health Sciences after completion of a minimum of 60 college credits. Students entering Physical Therapy must complete a minimum 64 college credits. All applicants (students from Hunter, other CUNY senior and community colleges, and senior and community colleges outside CUNY) must file a transfer application, available from the Hunter College Office of Admissions, 695 Park Ave., New York City, NY 10021. These applications and other required documents, including official transcripts of all post-secondary grades, must be submitted to the Office of Admission Services of the City University of New York at 101 West 31st St., New York City, NY 10001. Application and transcripts for admission are due between January 1 and March 15 for the fall semester, between September 15 and November 1 for the spring semester. Applicants are notified of admission or non-admission by May 1st for the fall semester and by December 1st for the spring semester. Applications are accepted after these deadlines on a space-available basis.

Specific grade point requirements and course prerequisites are detailed under individual programs. Personal interview requirements vary for each program; applicants should contact the appropriate program director for details. Applicants to the Physical Therapy program must have pre-admission clinical experience in physical therapy; further information and forms to document this experience are available from the Physical Therapy program director.

A limited number of places are held for applicants holding bachelor's or master's degrees in disciplines other than health sciences. These applicants must meet academic and other requirements for admission to respective programs. They pursue the course of study as outlined and are awarded a second bachelor's degree.

Course of Study The course of study varies from program to program. The curriculum for each specialization is listed below. Candidates for the BS degree complete a total of 128 credits and are exempt from the College's foreign language requirement. Candidates for the BA degree complete a total of 125 credits including foreign language. In addition to the special requirements in each program, all candidates for graduation must also complete a Hunter-wide distribution requirement that is explained in detail on pp. 16–17 of this catalogue. We recommend that students complete the distribution requirement before they enter any of the programs in the School of Health Sciences.

Scholastic Requirements Student grades are reviewed each semester to determine eligibility for remaining in programs of the School of Health Sciences. Each student must maintain an overall GPA of 2.5 for each semester and a grade of C or better in each major course. Major courses must be taken for letter grades except, at the discretion of the program director, for clinic, field, or independent study.

Department permission is required in order to register for all courses offered at the School of Health Sciences except for SHS 200, an interdisciplinary course open to all students at the College. Permit forms are authorized by program advisors during pre-registration period.

INTERDISCIPLINARY COURSES IN SCHOOL OF HEALTH SCIENCES

SHS 300 Controversies and Issues in Health and Health Care 3 hrs, 3 cr. Offered at 695 Park Ave. Impact of national, environmental, food, population and reproduction, and health care policies on well-being of American people. How social, economic, and political factors affect health and health care. Recommended for all students considering careers in health or human services.

SHS 300 Ecology of Health 3 hrs, 3 cr. Effects of social, cultural, economic, governmental, biological, and physical environments on person's health.

SHS 321 Human Physiology Laboratory 3 hrs, 3 cr. Prereq: 1 sem biology. Study of function at cellular to systemic level with emphasis on integration and control in the intact organism.

SHS 320 Human Physiology Lecture 3 hrs, 3 cr. Prereq: 1 sem biology. Study of function at cellular to systemic level with emphasis on integration and control in the intact organism.


SHS 340 Growth and Development 2 hrs, 2 cr. Prereq: SHS 320, 321. Principles of development; maturation process from in utero to maturity; influence of environment on growth.

SHS 420 Introduction to Clinical Medicine 3 hrs, 3 cr. Prereq: SHS 320. Role of allied health professional in treatment, management, and control of diseases and in maintenance of health.
COMMUNICATION SCIENCES (Speech-Language Pathology, Audiology, Speech-Language-Hearing Science)—BA

Program Director Elaine R. Stillman, room N133, 440 East 26th St.
Professor Lahey
Associate Professors Sergeant, Stillman, Smith
Lecturers Marquilles, Pollack
Advisor Russell L. Sergeant, Room W1024
Director, Center for Communication Disorders Evelyn Pollack, room N133

The speech-language pathologist and audiologist are concerned with the normal aspects and disorders of human communication, particularly speech, language, and hearing. These specialized professionals provide clinical services to children and adults and carry out basic and applied research. The complexity of communication processes requires a prospective clinician to have skills and interests in the behavioral, biological, and physical sciences, as well as in the speech, language, and hearing sciences. As a service profession, speech-language pathology and audiology demand maturity, interest in people, and the ability to approach problems with a scientific attitude. Employment settings and activities are varied: work may be with people or with scientific equipment or with both. Positions as clinician, administrator, or researcher are found in hospitals, health departments, research laboratories, community service centers, schools, colleges, industry, and private practice.

The Communication Sciences Program offers training in speech, language and hearing science, audiology, and speech-language pathology culminating in a BA degree. The objectives of the program are to provide students with an understanding of the processes of human communication, to introduce them to professional courses in the field, and to begin the development of clinical skills through supervised observation and clinical practice in the School of Health Sciences' Center for Communication Disorders.

All undergraduate work is considered pre-professional; a graduate degree is required for professional standing. Under special circumstances selected students can meet the requirements for New York State Provisional Certification for Teacher of the Speech and Hearing Handicapped upon completion of the BA degree and special faculty assessment. Ordinarily, however, such requirements are not met until further graduate course work and assessment are completed.

Admission Requirements Completion of 60 credits before entrance; GPA of 2.5. Students enter the Communication Sciences Program in the fall semester only. Completion of one year of biological sciences prior to entry into the program is recommended.

Scholastic Requirements To continue in the program and to graduate, students must maintain a minimum 2.5 GPA for all communication sciences courses.

Requirements for Graduation in Communication Sciences (125 cr)

Distribution requirement (41-55 cr, including 1 yr of biology and foreign language)

Health Core (3 cr) SHS 300

Specialization (64-84 cr)

Curriculum A Communication Sciences
- Required (29 cr) COMSC 302, 303, 304, 306, 307, 420, 421, 422, 440, 442
- Recommended electives (14-17 cr) COMSC 400, 423, 441, 443, 490, 490, BIOL 278, 279, PSYCH 206
- Free electives (21-38 cr)

Curriculum B Teacher of Speech and Hearing Handicapped
- Recommended electives (14-17 cr) COMSC 400, 443, 480, 490, BIOL 278, 279, PSYCH 206
- Free electives (0-15 cr)

A graduate degree (MA) is offered by the Communication Sciences Program (see Graduate Bulletin). Completion of an MA is necessary for attaining professional status. Only upon completion of this MA, or its equivalent, are individuals considered eligible for certification by the American Speech-Language-Hearing Association (ASHA), Licensure by New York State Education Department, Division of Professional Licensing, and New York State Permanent Certification as Teacher of the Speech and Hearing Handicapped.

COURSE LISTINGS

COMSC 302 Anatomy and Physiology of Speech 3 hrs, 3 cr. Comprehensive study of respiratory, phonatory, and articulatory systems.

COMSC 303 Anatomy and Physiology of Hearing 3 hrs, 3 cr. Study of anatomy, physiology, and neurology of auditory system and of pathologies of ear.

COMSC 304 Phonetics 3 hrs, 3 cr. Introduction to general acoustic, physiological, and perceptual features of speech.


COMSC 307 Learning Processes in Speech and Language Behaviors 3 hrs, 3 cr. Introduction to language and cognitive processes involved in speech processes.

COMSC 400 Topics in Communication Sciences 3 hrs, 3 cr. Topics vary from semester to semester and are announced before registration.

COMSC 420 Speech Pathology I 5 hrs (includes 25 hrs therapy observation), 4 cr. Prereq: COMSC 302, 303, 304. Organic and behavioral prerequisites of communication and its breakdown.


COMSC 422 Clinical Practice in Speech Pathology I 4 hrs, 2 cr. Prereq: COMSC 420. Introduction to clinical practicum under direct supervision of clinical faculty in Hunter's Center for Communication Disorders.

COMSC 423 Clinical Practice in Speech Pathology II 4 hrs, 2 cr. Prereq: COMSC 422. Continued supervised clinical practicum experience in Hunter's Center for Communication Disorders.

COMSC 440 Audiology I 3 hrs, 3 cr. Prereq: COMSC 306. Basic properties of auditory stimulus; responses of normal listener; introduction to equipment and standards.


COMSC 442 Clinical Practice in Audiology I 4 hrs, 2 cr. Prereq: COMSC 440. Introduction to clinical practicum experience in audiology under the direct supervision of clinical faculty.

COMSC 443 Clinical Practice in Audiology II 4 hrs, 2 cr. Prereq: COMSC 441, 442. Continued supervised clinical practicum experience in Hunter's Center for Communication Disorders.

COMSC 480.1, 2, 3 Independent Study * Hrs TBA, 1, 2, 3 cr respectively. Prereq: perm. director.

COMSC 490 Honors * Hrs TBA, 3 cr. Prereq: perm. director.

* Total credits in independent study courses and honors may not exceed 6.
COMMUNITY HEALTH EDUCATION—BS

Program Director  Gilbert M. Shinmel, room W1016, 440 East 26th St.
Professors  Carrera, Lee, Shinmel
Associate Professor  Gilpatrick
Assistant Professor  Freudenberg
Advisor  Nicholas Freudenberg, room W1023

Community health educators are concerned with personal and community health, and with motivating changes in health-related behavior. They assist in promoting opportunities for citizen participation in health services delivery and planning, and collect data on community members' needs, interests, attitudes, values, and experiences. They are prepared to train, supervise, and utilize auxiliary personnel in local health services, and they work with civic groups, media specialists, and other professionals to develop educational programs. They recruit and orient volunteer personnel for municipal, private, and voluntary health agencies.

Community health educators are employed in a variety of community settings under governmental and private auspices, including health and welfare agencies, hospital clinics, medical group practice units, extended care facilities, regional planning bodies, adult education programs, housing developments, community agencies, home care programs, diagnostic and treatment centers, and workplace health programs.

Admission Requirements  Completion of 60 credits before entrance; GPA of 2.5; 5 credits of college-level biology. Students enter the Community Health Education Program in the fall and spring semesters; entrance in the fall semester is encouraged.

Requirements for Graduation in Community Health Education (128 cr)
Distribution Requirement (41–43 cr, including BIOL 100, STAT 113, SHS 320, or equiv)
Health Core (13 cr)  SHS 300, 320, 330, 340, 420
Specialization
• Required (31–32 cr)  COMHE 301, 302, 303, 401, 402, 403, 405, EHS 301, H ECO 141, and 3 of the following: COMHE 321, 322, 323, 324
• Recommended electives (12 cr minimum in consultation with advisor) from urban studies, sociology, psychology, communications, women's studies, education, SHS 200
• Free electives (25–29 cr)

COURSE LISTINGS

COMHE 301 Introduction to Community Health Education: Social and Psychological Bases 3 hrs, 3 cr. Bases of health education; models for changing health behavior; community organization; evaluation and research.

COMHE 302 Principles of Health Education Practice I 3 hrs, 3 cr. Coreq: COMHE 301. Introduction to health education methods; teaching-learning transaction in health care setting; presentation skills, learning theories.

COMSC 303 Principles of Health Education Practice II 3 hrs, 3 cr. Prereq: COMSC 302. Leadership skills related to work with health consumers, interviewing techniques, group dynamics, and public speaking.

COMHE 321 Addictions and Dependencies 2 hrs, 2 cr. Recent research on smoking, alcohol, narcotics and other drugs of abuse; countermeasures and treatment.

COMHE 322 Maternal and Child Health 2 hrs, 2 cr. Social, behavioral, and medical factors involved in family planning, prenatal care, childbirth, and child health.

COMHE 323 Health Aspects of Aging 2 hrs, 2 cr. Physical and mental health problems in later years; recent legislation; agencies and services.


COMHE 400 Topics in Community Health Education and Public Health 3 hrs, 3 cr. Content varies from semester to semester to address changing needs of profession.

COMHE 401 Directed Fieldwork I 6 wks, 3 cr. Prereq: COMHE 302. Assignment in health care agency to provide experience of requirements of profession.

COMHE 402 Directed Fieldwork II 1 full day per wk, 2 cr. Prereq: COMHE 401.

COMHE 403 Directed Fieldwork III 1½ days per wk, 3 cr. Prereq: COMHE 401, 402.

COMHE 405 Principles of Administration of Health Care Agencies and Institutions 3 hrs, 3 cr. Prereq: SHS 300. Overview of US health care system, official and voluntary agencies; introduction to administrative skills.

COMHE 480.1, 2, 3 Independent Study* 1–2, 3 cr respectively. Prereq: perm. director.

COMHE 490 Honors 3 cr. Prereq: perm. director.

ENVIRONMENTAL HEALTH SCIENCE—BS

Program Director  George J. Kupchik, room W1005, 440 East 26th St.
Professors  Cunningham, Kupchik
Assistant Professor  Gomez, Hazen
Advisor  Robert Hazen, room E016

The environmental health scientist plays a key role in the assessment and management of factors affecting human health and environmental quality, for example, pollution of water and air, food sanitation, and workplace health and safety. Students trained in this program may enter fields such as industrial hygiene, institutional and community sanitation, solid waste control, and radiological health. Positions exist in governmental agencies, private industry, and voluntary organizations.

The curriculum provides the required fundamentals for environmental health careers as well as courses in industrial hygiene, public health administration, and environmental conservation. In addition, extensive training in laboratory skills and field procedures are an integral part of the academic program.

Students in this program are eligible for numerous internship arrangements that provide work experience in environmental health. These opportunities include cooperative work-study programs with governmental agencies, institutions, public interest groups, and labor organizations.

Admission Requirements  Completion of 60 credits before entrance; GPA of 2.5; 8 credits and GPA of 2.5 in one or more of the following: college-level biology, chemistry, physics.

Requirements for Graduation in Environmental Health Science (128 cr)
Distribution Requirement (31 cr excluding Category I: Science and Mathematics; foreign language not required)
Category I requirements
Science and Mathematics (36 ½ cr)  BIOL 100, 230, CHEM 102, 103, 104, 105, 120, MATH 150, PHYS 110, 120, STAT 113, or equivs
Health Core (9 cr)  SHS 300, 320, 321, 330

* Total credits in independent study courses and honors may not exceed 6.
Specialization

- Required (40 cr) EHS 300, 305, 310, 314, 316, 318, 326, 403, 404, COMHE 301, 405 or HED 200 and 8 cr from recommended electives
- Recommended electives EHS 312, 320, 322, 324, 328, 400, 401, 402, 480, 490
- Electives (11½ cr) to be selected in consultation with advisor

COURSE LISTINGS

EHS 300 Introduction to Environmental Health Science 3 hrs, 3 cr. Scientific and sociological aspects of environmental problems.

EHS 301 Environmental Public Health Problems 2 hrs, 2 cr. Environmental problems increased by urbanization, water and air pollution, waste disposal, radiation hazards.

EHS 305 Environmental Measurements Laboratory 5 hrs, 3 cr. Prereq: CHEM 102, 103, 104, 105. Microbiological, chemical, and physical measurements of air, water, food, and radioactive sources.


EHS 312 Air Pollution Control 3 hrs, 3 cr. Prereq: CHEM 120, PHYS 110. Quantitative and biological aspects of air pollutants. Air quality standards, legal aspects of air pollution.

EHS 314 Solid Waste Management 3 hrs, 3 cr. Prereq: CHEM 120. Handling, collection, and disposal of solid waste; collection systems, public health aspects.

EHS 316 Elements of Food Sanitation 3 hrs, 3 cr. Prereq: BIOL 230, CHEM 120. Physical, chemical, and biological aspects of food production, processing, and distribution.

EHS 318 Fundamentals of Vector Control 2 hrs, 2 cr. Prereq: BIOL 230, CHEM 120. Public health significance of insects and rodents; disease transmission, methods of control.

EHS 320 Environmental Control of Institutions and Medical Care Facilities 3 hrs, 3 cr. Prereq: BIOL 230, CHEM 120, EHS 300. Application of biological, chemical, and physical methods to identification and control of environmental problems.

EHS 322 Radiological Health 2 hrs, 2 cr. Prereq: CHEM 120, PHYS 120. Principles of radiation protection and public health aspects of radiation.

EHS 324 Occupational Safety and Accident Control 3 hrs, 3 cr. Epidemiological approach to accidents in industry, institutions, recreational areas, and on highways.

EHS 326 Occupational Hygiene 3 hrs, 3 cr. Evaluation and control of chemical, physical, and other hazards in working environment. Governmental regulations.

EHS 328 Environmental Hygiene Measurements Laboratory 5 hrs, 3 cr. Prereq or coreq: EHS 326. Instrumental and chemical analysis of work environments, e.g., air pollution, noise exposure, etc.

EHS 400 Topics in Environmental Health Science 3 hrs, 3 cr. Topics will be announced prior to registration. May be repeated as topics vary.

EHS 401 Application of Computers to Environmental Health Science 3 hrs, 3 cr. Prereq: EHS 300, C SCI 295 or equiv. Concepts and principles of computing and programming in solving environmental problems.

EHS 402 Environmental Health Problems in Urban Areas 3 hrs, 3 cr. Prereq: EHS 300. Housing, exposure to toxic substances, control of insects and rodents, handling and collection of refuse.

EHS 403 Field Study on Environmental Problems 8 wks, 4 cr. Prereq: EHS 300; perm. director. Work-study programs in a variety of agencies and institutions.

EHS 404 Senior Seminar 3 hrs, 2 cr. Required of all majors in senior yr. Discussions by students, faculty, and invited speakers on selected topics in environmental health.

EHS 480.1, 2, 3 Independent Study* Hrs TBA, 1, 2, 3 cr respectively. Prereq: perm. director.

EHS 490 Honors* Hrs TBA, 3 cr. Prereq: perm. director.

MEDICAL LABORATORY SCIENCES—BS

Professors: Leventhal, Crasdes
Associate Professor: Eckman
Advisor: Irving Eckman, room 627

The application of contemporary experimental science has had enormous impact on research, medicine, and health care. Laboratories in medical centers, clinics, and pharmaceutical concerns are employing the latest analytic techniques of chemistry, biology, and physics to provide data vital to physicians and scientists in the study, prevention, diagnosis, and treatment of disease. Virtually every patient admitted to a hospital today undergoes a battery of laboratory analytic procedures. Moreover, there is a growing recognition of the place of scientific laboratory work in personal and public preventive health care.

The Medical Laboratory Sciences curriculum is designed to prepare health- and science-oriented students for careers as medical laboratory technologists and research assistants. Modern developments in instrumentation, automated analytic techniques, and laboratory data processing require professionals well trained in basic science and current laboratory practice. The course of study provides for unusual flexibility; for example, a student may complete the requirements of a double major in a related scientific area. Graduates who complete sufficient clinical hours are prepared to meet the requirements of the New York City Department of Health Certificate for medical technologists. The proper combination of courses fulfills requirements for admission to graduate programs in various related sciences and professional schools.

Professionals in this field enjoy the challenge of scientific investigation. A concern for details and precision, a highly developed power of concentration, patience, and the self-discipline to pursue an assignment to its logical conclusion are characteristic of those successfully engaged in this work. Positions exist in medical and health-care facilities of all types.

Admission Requirements

Completion of 60 credits before entrance: GPA of 2.5; the following course work with a GPA of 2.5: 1 year general chemistry with lab, 1 year biology with lab. Students enter the Medical Laboratory Sciences Program in the fall and spring semesters. We advise that Hunter College distribution requirements be met before entering the program.

Requirements for Graduation in Medical Laboratory Sciences (128 cr)

- Distribution requirement (31 cr, excluding Category I: Science and Mathematics; foreign language not required)
- Category I Requirements
  - Science and Mathematics (30½-31½ cr) including BIOL 100, 102, CHEM 102, 103, 104, 105, 222, 223, MATH 150 or STAT 113, PHYS 101, or equiv.
  - Health Core (10 cr) SHS 300, 320, 321, 420

* Total credits in independent study courses and honors may not exceed 6.
**Specialization** (31 cr) MLS 300, 310, 349, 350, 351, 352, 353, 354, 355, 360, 361, 457, C SCI 295 or equivs.


**COURSE LISTINGS**

**MLS 300 Introduction to the Medical Laboratory** 2 hrs, 2 cr. Prereq: 1 yr biology, 1 yr chemistry. Study of medical laboratory: functions, skills of personnel, and role in health care delivery systems.

**MLS 310 Fundamentals of Pathology** 2 hrs, 2 cr. Prereq: 1 yr biology, SHS 320, 321. General pathology: alterations occurring after injury or disease. Relation between pathological and clinical findings.

**MLS 348 Clinical Histology** 5 hrs, 3 cr. Prereq: SHS 320, 321. Structure and function of tissues of body. Preparation of tissues for microscopy.

**MLS 349 Hematology Lecture** 2 hrs, 2 cr. Prereq or coreq: MLS 353; prerequisite: SHS 320, 321. Study of normal cellular and humoral constituents of blood and alterations of these in pathological conditions.

**MLS 350 Hematology Laboratory** 3 hrs, 1 cr. Coreq: MLS 349. Laboratory diagnostic and research techniques: cell counting, staining, coagulation, and blood banking procedures.

**MLS 351 Clinical Microbiology I** 5 hrs, 3 cr. Prereq: BIOL 100. Practical and theoretical aspects of growth, physiology, genetics; diagnosis of microbes of significance in disease.

**MLS 352 Clinical Microbiology II** 5 hrs, 3 cr. Prereq: MLS 351 or equiv. Continuation of MLS 351.

**MLS 353 Clinical Laboratory Instrumental Analysis** 5 hrs, 3 cr. Prereq: 1 yr of 1 of the following: CHEM 100, 102, 103, 104, 105; coreq: CHEM 120, PHYS 110, 120. Principles of instrumentation including study of photometers, electronmicroscopy, particle counting, chemical analysers.


**MLS 355 Clinical Biochemistry II** 5 hrs, 3 cr. Prereq: MLS 354. Continuation of MLS 354.


**MLS 381 Laboratory Data Processing** 2 hrs, 2 cr. Prereq: MLS 353, 354, C SCI 295 or equiv. Study of laboratory data processing including quality control and computer procedure.

**MLS 400 Topics in Biomedical Sciences** 3 hrs, 3 cr. Topics vary from semester to semester and are announced before registration.

**MLS 410 Summer Practicum** 8 wks, 4 cr. Prereq: perm. director. Directed summer experience in clinical laboratories. Arranged on individual basis.

**MLS 454 Parasitology** 5 hrs, 3 cr. Prereq: MLS 351. Ecology, life cycle, physiology, and identification of intestinal, blood, tissues, and ectoparasites of man.

**MLS 457 Senior Seminar I** 2 hrs, 1 cr. Experience with tools of research library; history, development, and personalities of medical science.

**MLS 458 Senior Seminar II** 2 hrs, 1 cr. Continuation of MLS 457.

**MLS 459 Viruses in Human Disease** 3 hrs, 3 cr. Prereq: MLS 351, 352, or equiv. Structure and reproduction of viruses and their role in disease production.

**MLS 480.1, 2, 3 Independent Study** Hrs TBA, 1, 2, 3 cr respectively. Prereq: perm. director.

**MLS 490 Honors** Hrs TBA, 3 cr. Prereq: perm. director.

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**PHYSICAL THERAPY—BS**

**Program Director and Advisor** Robert E. Ayers, room E013, 440 East 26th St.

**Associate Professor** Ayers

**Assistant Professor** Rosen

**Instructors** Benitez, Swadzter

Physical therapists, as essential members of the health team, are primarily concerned with service to the patient. They work to help maintain good health as well as to restore function and prevent disability after a disease or injury. Where permanent disability exists, the goal is to help patients reach their maximum potential so that they can assume their rightful place in society while learning to live within the limits of their capabilities. Treatment may consist of giving strengthening exercises after a fractured leg, instruction for walking and stair-climbing to a person with paralysis following a stroke, or coordination exercises to a child with ataxia. Other methods of treating disorders or alleviating pain include such physical modalities as heat, cold, water, ultrasound, and electricity.

Physical therapists may be employed in hospitals, rehabilitation centers, and schools for disabled children. Some are employed in outpatient clinics, private practice, and nursing homes. They may join the armed services, work in public health agencies, or be self-employed.

The program is accredited by the American Physical Therapy Association. Graduates are prepared for the Licensing Examination in Physical Therapy in New York as well as in most other states.

**Admission Requirements** Completion of 64 credits before entrance; GPA of 2.8; the following college-level courses with a GPA of 2.8: 2 semesters of biology with lab, 2 semesters of physics with lab, 2 semesters of chemistry with lab, 2 semesters of psychology, 1 semester of college-level mathematics (no more than 1 semester of any of the above may be completed during the summer preceding entrance); documented evidence of exposure to the profession, either through volunteer work or paid employment. The program is full-time and is offered only during the day. Students enter the program in the fall semester only. Hunter College distribution requirements should be met before entering the program.

**Requirements for Graduation (128 cr)**

**Distribution Requirements** (31 cr, excluding Category I: Science and Mathematics; foreign language not required)

**Category I Requirements**

**Science and Mathematics** (27–30 cr) BIOL 100, 102, CHEM 100, 102 or 120, 103, 104, 105, PHYS 110, 120, MATH 120 or 150 (highly recommended) or equivs.

**Free Electives** (4–9 cr)

**Health Core** (12 cr) SHS 300, 320, 321, 340, 420

**Specialization** (49–51 cr) Required sequence of study

Juniors Year (1st sem) PT 300, 310, 311, SHS 300, 320, 321
(2nd sem) Pt 320, 321, 322, 323, BIOL 278, SHS 340, 420
Senior Year (1st sem) PT 432, 433, 434, 435, 436, 437
(2nd sem) PT 400, 442, 443, 444, 445, 480 or 490
Summer Session PT 452 (summer after senior year)

**COURSE LISTINGS**

**PT 300 Introduction to Physical Therapy** 2 hrs, 1 cr. Physical therapy and its relationship to other professions; terminology, ethics, and basic procedures.
PT 310 Human Anatomy 6 hrs, 4 cr. Prereq: 1 yr biological sciences. Study of neuromusculo-skeletal, cardiopulmonary, and other systems through dissection and prosection.

PT 311 Therapeutic Application of Physical Agents I 4 hrs, 2 cr. Prereq: 1 yr biological sciences; coreq: PT 310. Principles and practical application of hydrotherapy and massage as used in physical therapy.


PT 321 Therapeutic Application of Physical Agents II 4 hrs, 2 cr. Prereq: PT 311, SHS 320, 321, 1 yr physics. Principles and practical application of electromagnetic and other energies in physical therapy.

PT 322 Clinical Education I: Physical Therapy Hrs TBA, 1 cr. Prereq: PT 300, 310, 311, 321, SHS 320, 321. Assisting and observing physical therapist in evaluation and treatment procedures in clinical setting.

PT 323 Therapeutic Exercise I 5 hrs, 3 cr. Prereq: PT 310, 320, SHS 320, 321. Application of principles and kinesiological and psychophysiological principles of disorders of movement and posture.

PT 400 Topics in Physical Therapy 3 hrs, 3 cr. Content varies from semester to semester in addressing needs of the profession.

PT 432 Clinical Education II: Physical Therapy Hrs TBA, 2 cr. Prereq: PT 320, 322, 445, SHS 420. Supervised participation in selected patient evaluation and treatment programs.

PT 433 Therapeutic Exercise II 6 hrs, 3 cr. Prereq: PT 323. Techniques of Rood, Bobath, Brunnstrom, and PNF as applied to central nervous system disorders.


PT 436 Introduction to Clinical Orthopedics and Neurology 4 hrs, 4 cr. Prereq: SHS 420. Etiology and therapeutic management of selected orthopedic and neurological conditions.


PT 445 Seminar in Organization and Management of a Physical Therapy Department 2 hrs, 2 cr. Prereq: PT 322, 432. Administration, personnel management, interdepartmental relationships.

PT 450 Clinical Education IV: Physical Therapy Hrs TBA, 0 cr. Prereq: PT 442. Full-time internship at 2 clinical sites, after completion of academic program.

PT 480, 1, 2, 3 Independent Study* Hrs TBA, 1, 2, 3 cr respectively. Prereq: perm. director.

PT 480 Honors* Hrs TBA, 3 cr. Prereq: perm. director.

* Total credits in independent study courses and honors may not exceed 6.
ENVIRONMENTAL HEALTH SCIENCE

Bayley-Seton Hospital, Staten Island
Wilbur Inniss

District Council 37 (AFSCME)
Occupational Safety and Health Unit
Marcia Lamel

District Council 65 (UAW)
Occupational Safety and Health Department
Naomi Fatt

Montefiore Hospital
Program in Occupational Health
David Michaels

Mount Sinai Hospital
Environmental Sciences Laboratory
Arthur Frank

New York City Health Department
Health Research Training Program
Marvin Gewirtz

New York Committee for Occupational Safety and Health
Joel Shufro

New York State Department of Environmental Conservation
Terry Agriss

New York State Department of Health
Division of Environmental Health Services
Al Buff

New York State Department of Law (Attorney General's Office)
Environmental Protection Bureau
Michael Surgan

Patterson, New Jersey, Division of Health Occupational Health Program
Richard Lester

PHYSICAL THERAPY

Associated Therapies
Beekman Downtown Hospital
Bellevue Medical Center
Beth Israel Medical Center
Bird S. Coler Hospital
Blythedale Children's Hospital
Booth Memorial Hospital
Bronx Municipal Hospital (Jacobi)
Bronx Veterans Administration Hospital
Brookdale Medical Center
Brooklyn Veterans Administration Hospital
Burke Rehabilitation Center
Cabrini Health Care Center
Children's Specialized Hospital
City Hospital of Elmhurst
Columbia Presbyterian Medical Center
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Lincoln Hospital
Long Island Jewish Hospital
Lubin Rehabilitation Center
Lutheran Medical Center
Manhattan Veterans Administration Hospital
Mary Immaculate Hospital
Memorial Hospital
Methodist Hospital
Metropolitan Hospital
Mercy Hospital
Montefiore Hospital
Mount Sinai Hospital
New Jersey Orthopedic Hospital
New Rochelle Hospital
New York Hospital
North Central Bronx Hospital
Peninsula General Hospital
Putnam Memorial Hospital
Bennington, VT
Lorraine Mager
Kathy Minsky
Bonnie Lasinski
Rose Marie Spanner
William Herro
Adelaide Anquita
Frances Arne
Marion Sugar
Ray Savidge
Jim Watts
Peggy Enroe
George Vagias
Carol Linden
Jacqueline McLean
Elizabeth Gaynor
Melanie Gallor
Connie Rodriguez
Karen Brennan
Richard E. Bower
Roosevelt Hospital
St. Barnabas Hospital
South Shore Division Long Island Jewish-Hillside Medical Center
St. Clare's Hospital
St. John's Riverside Hospital
Yonkers, NY
St. Luke's Hospital
St. Luke's Hospital Home Care
St. Mary's Hospital—Brooklyn
St. Vincent's Hospital—Manhattan
St. Vincent's Medical Center of Richmond
State University Hospital—Downstate
Staten Island Hospital
Suffolk Rehabilitation Center
Commack, NY
United Cerebral Palsy Hospital—Brooklyn
United Cerebral Palsy Hospital—Queens
United Hospital
Port Chester, NY
Becker Birch
Tony Morabito
Barry Leesner
Amy Mesches
Richard Miller
Beth Fendiko
John Manusco
Sandra Rusnak
Ann Schroeder
Marc Haber
Connie Brignone
Dale Kranz
Sr. Helen Schmidt
Leslie Kramer
Marion Illich
Louis Harris
Hebrew
DIVISION OF CLASSICAL AND ORIENTAL STUDIES

Division Office (old) North Building room 607 (new) West Building room 1426

Division Head Rivka Friedman
Associate Professor Friedman
Assistant Professor Lichtenstein
Advisors (day) Rivka Friedman (evening) Murray H. Lichtenstein

The Hebrew Division offers a comprehensive program covering the main areas of Hebraic and Judaic studies, namely Biblical and post-Biblical studies, Talmudic and medieval literature, Hebrew language and modern Hebrew literature, Jewish philosophy and Kabbalah, Jewish legacy and folklore, contemporary Jewish literature, and Israeli culture. This program is designed to develop language skills; cultivate a critical appreciation of Hebraic and Judaic literature and thought; and promote an understanding of Jewish cultural and religious traditions and their influence on world civilization. Specifically, these courses may be applied to satisfy foreign language and literature components of the distribution requirement as well as fulfill major and minor concentrations.

This curriculum also meets the special needs of students majoring in other disciplines for courses dealing with the Hebraic or Judaic factor in Western civilization. The wide variety of course offerings, covering the entire range of Hebraic and Judaic culture from early Biblical times to modern Israel, should enable students to concentrate their attention on one major period, or to aim for an overall proficiency, or to strive for both objectives simultaneously. This course of study should also provide the student with a solid foundation for further professional and graduate study in such disciplines as education, library science, publishing, area studies, specialized communication and community services, government, diplomatic and trade exchanges.

Distribution Requirement Hebrew language courses may be taken to fulfill the foreign language component (category III) of the requirement. Courses in Hebrew culture conducted in English, HEBR 250, 360, 361, 362, 364, 365, 366, 368, 382, 383, 389, 391, may be taken to fulfill the humanities component (category V) of the requirement. Literature courses in Hebrew as well as in English translation may be taken to fulfill part of the literature component (category IV) of the requirement.

Placement and Exemption Students with background in the language should consult with the head of the Hebrew Division for proper placement or exemption.

Majors The major consists of 24 credits from courses beyond HEBR 101-102. In general, a Hebrew major is required to achieve proficiency in Biblical and/or modern Hebrew literature by successfully completing a minimum of 4 courses at the 300 level in Hebrew. Courses in Hebrew studies conducted in English may be applied toward partial fulfillment of the Hebrew major provided they are part of a coherent program approved by the head of the division.

Qualified students interested in a more intensive program in the field of Hebraic or Judaic studies, particularly those preparing for graduate work in such specialized areas as Semitic languages and civilizations, Jewish history, Biblical studies and archaeology, medieval or modern Hebrew literature, Near Eastern studies, or religious studies, should consult a division advisor regarding additional courses and supportive studies in related fields.

Minors 12 credits in Hebrew language, literature, or Hebraic studies in English; there is no restriction. Courses used for the distribution requirement may also be applied to the major or minor where applicable.

Allied Minor Minors of 12 credits in all departments are accepted but may not include more than 6 credits used to fulfill the distribution requirement.

Preparation for Teaching In cooperation with the Division of Programs in Education, the Hebrew major may prepare for a career in teaching Hebrew in the junior or senior high schools. The specific requirements for qualification for the New York State certification and/or New York City licensing at this level are described in the Education statement in this bulletin. The course EDUC 369 is required for all qualified students.

Honors Work Opportunity for honors work is available through HEBR 491.

Electives All courses offered by the Hebrew Division are open to qualified students for elective credit. For placement consult a Hebrew Division advisor.

BASIC COURSES

HEBR 101 Elementary Hebrew I 3 hrs, 3 cr. Fundamentals of reading, pronunciation, and grammar for beginners. Practice in conversation and writing.

HEBR 102 Elementary Hebrew II 3 hrs, 3 cr. Prereq: HEBR 101 or equiv. Continuation of HEBR 101.

HEBR 201 Intermediate Hebrew 3 hrs, 3 cr. Prereq: HEBR 102 or equiv. Continued practice in conversational Hebrew, grammar, and composition. First course of Hebrew major.

Advanced Courses

HEBR 202 Advanced Hebrew 3 hrs, 3 cr. Prereq: HEBR 201 or equiv. Intensive practice in conversation, composition, and grammar. Selected readings in Hebrew literature.

HEBR 310 Modern Hebrew Literature I 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Reading and discussion of selected works in prose and poetry of 19th-century authors.

HEBR 311 Modern Hebrew Literature II 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Reading and discussion of selected works in prose and poetry of 20th-century authors.

HEBR 315 Biblical Literature: Pentateuch 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Selections from Pentateuch.


HEBR 317 Biblical Literature: Prophetic Books 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Selections from minor and major prophets.


HEBR 320 The Modern Hebrew Short Story 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Extensive reading of short stories from late 19th century to present, illustrating different literary trends.

HEBR 321 Talmudic Literature 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Selections from Talmud and Midrash.

HEBR 322 Medieval Literature 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Selections from literature of Golden Age in Spain.

HEBR 323 Poetry of the Modern Hebrew Renaissance Period 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Study of major works of Bialik, Tschernichovsky, Kahan, and Sheinour.

HEBR 324 The Modern Hebrew Essay 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Study of selected essays of Ahad ha Am, Barochchovsky, and Frischman.
HEBR 325 History of Modern Hebrew Literature 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Evolution of Hebrew literature from period of Enlightenment to contemporary Hebrew letters.

HEBR 328 Hebrew Poetry Between the Two World Wars 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Study of Hebrew poetry since World War I. Emphasis on works of Greenberg, Schlimov, Lemel, and Alterman.

HEBR 327 The Modern Hebrew Novel 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Intensive study of a major novel by Agnon, Barash, or Hazaz, with collateral readings in other Hebrew novels.


HEBR 331 Medieval Hebrew Philologic Texts 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Study of selected chapters of Halevi's Kuzari and Maimonides' Moreh Nevukhim (Guide to the Perplexed).

HEBR 331 Hebrew Grammar and Composition 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Intensive study of principles of vocalization, inflections of nouns and verbs, rules of syntax, and practice in composition.

HEBR 337 Approaches to Main Problems in Hebrew Studies 3 hrs, 3 cr. Prereq: HEBR 202 or equiv. Explorations in depth of a particular area in Hebrew studies. May be repeated as topics vary from semester to semester.

HEBR 451 Selected Studies in Hebrew Literature 3 hrs, 3 cr. Prereq: HEBR 202 or equiv; perm. division. Course will concentrate on an author, theme, genre, or period in Hebrew literature. May be repeated as topics vary from semester to semester.

HEBR 490 Independent Studies 3 cr. Perm. division head. Independent research under direction of a member of the division.

HEBR 491 Honors Project 1-3 cr. Prereq: Jr/Sr only; perm. division. Individual study and research in Hebrew literature in consultation with staff member. Honors essay required.

Electives

HEBR 371 Hebrew Conversation I 2 hrs, 2 cr. Prereq: HEBR 201 or 3 years of high school Hebrew or equiv. Intensive practice in spoken language.

HEBR 372 Hebrew Conversation II 2 hrs, 2 cr. Prereq: HEBR 371 or equiv. Continuation of HEBR 371.

Courses in Hebraic Culture Conducted in English

No knowledge of Hebrew is required for courses listed in this section. These courses are open to all students as follows:

1. They are recommended as electives to all students, including Hebrew majors. (2) Subject to approval of the major department, a concentration of 12 credits in this area can fulfill requirement for a minor. (3) Some of these courses may be substituted for regular Hebrew courses in the Hebrew major. Such a substitution requires approval of the Hebrew Division. (4) Courses in this group may be applied toward fulfillment of the distribution requirement in humanities and literature.

HEBR 250 Topics in Hebraic Studies in English Translation 3 hrs, 3 cr. Study in depth of a selected topic in Hebraic studies. May be repeated as topics vary from semester to semester.

HEBR 340 Selected Studies in Hebrew Literature in English Translation 3 hrs, 3 cr. Study of selected masterpieces or major themes in Hebrew literature in translation. May be repeated as topics vary from semester to semester.

HEBR 335 Old Testament Religion 3 hrs, 3 cr. Comprehensive survey of ancient Israelite religious practice, expression, and thought as reflected in Hebrew Bible.

HEBR 310 Biblical History and Archaeology 3 hrs, 3 cr. Study of Biblical sources in translation in relation to major archaeological discoveries in Israel and Near East.

HEBR 311 Masterpieces of Ancient Hebraic Literature in Translation 3 hrs, 3 cr. Study of Hebraic classics and collateral works against background of Jewish history and ancient civilization.

HEBR 336 The Hebrew Prophets 3 hrs, 3 cr. Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical, and religious thought.

HEBR 346 Job, Ecclesiastes, and the Human Predicament 3 hrs, 3 cr. Study of form, content, and religious significance of these two enigmatic masterworks.

HEBR 355 Ancient Hebrew Law 3 hrs, 3 cr. Historical and comparative study of Biblical and rabbinic law.


HEBR 368 Ancient Hebraic Folklore 3 hrs, 3 cr. Analysis and comparative study of folk beliefs, practices, and literature reflected in Hebrew Bible, apocryphal literature, and rabbinic Aggada.

HEBR 367 Masterpieces of Medieval Hebraic Literature in Translation 3 hrs, 3 cr. Selections from major works reflecting Jewish life and thought in medieval Islamic world and Christendom.

HEBR 383 Readings in Modern Hebraic Literature in Translation 3 hrs, 3 cr. Survey of Hebraic literature from Enlightenment movement to present.

HEBR 389 Maimonides' Guide to the Perplexed 3 hrs, 3 cr. Study of this work in English with reference to Maimonides' influence on development of medieval Aristotelianism.

HEBR 391 Masterpieces of Yiddish Literature in Translation 3 hrs, 3 cr. Study of major works in Yiddish literature from Mandelstam to present.
History

Department Office (old) North Building room 922 (new) West Building room 1512

Chair Naomi C. Miller
Professors Burks, Cohen, Harrison, Harvey, July, Maynard, McNamara, Oberling, Pike, Shanahan, Sinnigen, Siraisi, Walter
Associate Professors: Greenberg, Hilly, Luther, Miller, Seitzer
Assistant Professor Link
Advisors (day) William Sinnigen (evening) Pierre Oberling (BA/MA Program) William Sinnigen

History is the record of all human experience. Its study is a first step in learning about ourselves and our society—about economics and politics, psychology and sociology, mathematics and science, the arts and the humanities.

For students whose undergraduate major is history, career opportunities are numerous and varied. Medical, law, and other professional schools favor such applicants as history majors because of their broad background in liberal arts. Moreover, while teaching has long been a popular goal, positions in government—local, state, and national—in publishing and advertising, in communications, and in business also await those students whose human perspective and intellectual discipline have been developed in the history class. Beyond the purely practical consideration of a profession, the study of history is exciting in its own right. The long record of human experience waits to be reeled and reevaluated by students for whom the rewards of learning arise from a heightened awareness of both their distant and recent heritage.

Distribution Requirement No more than 6 credits of the minor may also be offered toward the distribution requirement. We suggest, but do not require, that students who are thinking of continuing the study of history on the doctoral level elect French or German to meet the foreign language portion of the distribution requirement.

Major The history major consists of 24 credits as follows:

a. 6-12 cr in basic courses from among Group 1, of which 3 cr will not be counted toward the major.

b. at least 15 cr numbered 300 or above, including a minimum of 3 credits in a seminar (HIST 382/492), or problems (HIST 383/483, 394/484, or 395/485), or individual tutorial (HIST 493).

c. at least 6 cr in United States history and 6 cr in European history.

d. HIST 291 (Introduction to Historical Study) is strongly recommended and should be taken in the sophomore year.

Students may not use courses graded on the basis of Credit/No Credit toward fulfillment of the major.

Minor The minor consists of 12 credits chosen from one or two fields of study, including interdisciplinary fields such as women’s studies, Jewish social studies, energy policy studies, inter-American affairs, and the program in religion.

An elementary education minor of 15 credits is governed by the regulations of the NY State Department of Education. A minor may include 6 credits in any one subject taken to satisfy the distribution requirement, provided that it also includes 6 credits of more advanced work in the same subject.

Choice of particular courses in the minor must be approved by the student’s departmental faculty advisor. The department advisor may be consulted regarding approval, for special reasons, of subjects not listed here.

Special areas (such as Latin America, Middle East, Russia) may constitute a minor. Twelve credits could be taken in courses dealing with one particular area in cultural anthropology, economics, geography, literature, and political science. No more than 6 credits would be counted in any single discipline. Courses should be selected with one’s advisor.

Four-year BA/MA Program in History For a limited number of qualified students, the department offers a 4-year BA/MA program in history. Designed principally for incoming freshmen, the program requires 30-32 credits of college work (100-102 undergraduate, 30 graduate), foreign language reading ability, comprehensive examinations in one field of history, and a master’s essay. Two summers would be devoted to supervised reading, and graduate work would begin in the junior year. Students should consult the program’s advisor or the chair of the department at the earliest possible date.

Honors in History Students will be eligible for honors in history upon completion of 27 credits in history with a 3.5 GPA and a 2.8 cumulative GPA at time of graduation. There must be included 3 to 6 credits in seminar, tutorial, or problems course (HIST 492, 493, 483, 484, 485) with a grade of B+ or better.

Graduate Study Qualified students in their junior and senior years may be admitted to graduate courses with the approval of the department chair.

Preparation for Secondary-level Teaching In cooperation with the Division of Programs in Education, the Department of History provides opportunities for students to prepare for a career in teaching at the secondary level. To qualify for student teaching in the social sciences, students must have a general GPA of 2.5 and a history GPA of 2.7.

Interdepartmental Fields Students wishing to do work in history as part of the interdepartmental fields of urban studies, Jewish social studies, women’s studies, energy policy studies, or inter-American affairs should refer to departmental listings.

International Affairs with Major in History

Advisor Michael Luther

Major The major consists of 18 credits in history: HIST 329, 360, 381 plus 9 credits selected from HIST 277, 278, 288, 289, 327, 333, 346, 372, 375, 376 I and II, 377, 378, 381, 390, and seminars, problems, and tutorial if appropriate.

Minor The minor consists of 18 credits including ECO 340, POLSC 115 and 371, GEOG 221 or 334 plus 6 additional credits chosen from cultural anthropology, economics, geography, political science, sociology, religion, or other appropriate areas chosen with the approval of the advisor.

COURSE LISTINGS

Group I. Introductory Courses

HIST 121 Early Modern Europe 1500-1815 3 hrs, 3 cr. Transition from feudal society to national states; religious upheavals, expansion, and French revolutionary era.

HIST 122 Survey of 19th-20th Century Europe 3 hrs, 3 cr. Scientific revolutions, liberalism, imperialism, and total war.

HIST 141 Contemporary Issues in Historical Perspective 3 hrs, 3 cr. Selected themes in world history that bear on current problems and situations.
HIST 142 The Holocaust: An Introduction 3 hrs, 3 cr. Not open to students who have taken HIST 342. The attempt to exterminate the Jewish people by Nazi Germany. Comparisons will be made with other attempted acts of genocide in history.

HIST 151 The US from the Colonial Era to the Civil War 3 hrs, 3 cr. From European beginnings to Civil War.

HIST 152 The US from the Civil War to the Present 3 hrs, 3 cr. From Civil War to present.

HIST 201 Ancient Civilization 3 hrs, 3 cr. Development of civilization in the Near East. Its expansion under Greece and Rome to 500 AD in Mediterranean basin.

HIST 210 History of Judaism 3 hrs, 3 cr. Survey of Jewish religious tradition with attention to interactions between Judaism and other religions, and to role of Judaism in formation of Christianity and Islam.

HIST 211 Medieval Civilization 3 hrs, 3 cr. Social, institutional, and cultural history of Western Europe from late Roman period to mid-13th century.

HIST 241 History of England I 3 hrs, 3 cr. Political, constitutional, and social developments from Anglo-Saxon Age to 1689.

HIST 242 History of England II 3 hrs, 3 cr. Modern Britain from 1689 to the present.

HIST 250 Historical Issues 3 hrs, 3 cr. Study of selected historical themes and issues. Topics vary each semester. May be taken a second time.

HIST 277 Asian Civilization 3 hrs, 3 cr. Survey of traditional cultures and socio-political structures of China, Japan, Korea, and Vietnam to about 1600 AD.

HIST 278 Selected Aspects of Modern Asian History 3 hrs, 3 cr. Coming of West to Asia and resulting processes of revolution and modernization after 1600 AD.

HIST 278A History of Colonial Africa 3 hrs, 3 cr. Survey of colonial African societies with emphasis on economic and social institutions changing under environment.

HIST 289 Africa in the 19th and 20th Centuries 3 hrs, 3 cr. Historical explanation of independent Africa arising after colonialism and adjusting to modernization.

HIST 291 Introduction to Historical Study 3 hrs, 3 cr. Strongly recommended to majors. An introduction to study of history, its sources, and its methods.

GROUP II. Advanced Courses (Not open to freshmen)

HIST 301 History of the Ancient Near East 3 hrs, 3 cr. Political and cultural developments in Egypt, Mesopotamia, Syria-Palestine, Asia Minor, Persia: ca. 3000 BC to 323 BC.

HIST 302 Greek History 3 hrs, 3 cr. From the Bronze Age ca. 3000 BC to the Roman conquest. Emphasis on cultural and political contributions of ancient Greece.

HIST 303 Roman History 3 hrs, 3 cr. From Iron Age to Justinian. Rise and fall of Rome's power and her political and cultural achievements.

HIST 304 Women in Early European Society 3 hrs, 3 cr. Women from early Christian times to end of Middle Ages, emphasizing their social, economic, and political status.

HIST 309 Jewish History in the Ancient World 3 hrs, 3 cr. The Jewish people from its origins to late antiquity; social and intellectual developments from biblical to Talmudic eras.

HIST 310 Jewish History in the Medieval and Early Modern Periods 3 hrs, 3 cr. The Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.

HIST 311 Early Middle Ages 3 hrs, 3 cr. The development of European civilization from fall of western Roman Empire to First Crusade.

HIST 312 The High Middle Ages 3 hrs, 3 cr. The 12th and 13th centuries in Europe: church and state; science and universities; guilds and capitalism.

HIST 313 Europe in Transition: The Late Middle Ages 3 hrs, 3 cr. Changing aspects of social, institutional, economic, and cultural scene; humanism and art in 14th and 15th centuries.

HIST 314 History of Christianity I 3 hrs, 3 cr. From Jesus to Luther: mysticism, theology, monasticism, the Papal church and its critics.

HIST 315 History of Christianity II 3 hrs, 3 cr. Not currently offered.

HIST 316 History of Religion in the United States 3 hrs, 3 cr. Changing European churches and indigenous American sects; their architecture, leaders, and ideas.

HIST 320 Jewish History in the Modern World 3 hrs, 3 cr. From 18th century to present: enlightenment, emancipation, nationalism, and a Jewish State; antisemitism and the Holocaust; recent trends.

HIST 322 Early Science in Western Society: From Antiquity to 17th Century 3 hrs, 3 cr. Survey of history of science in intellectual and social context from antiquity to scientific revolution of 17th century.

HIST 324 Renaissance and Reformation in 16th and 17th Century Europe 3 hrs, 3 cr. European life and society in early modern era.

HIST 325 Europe in the Age of Absolutism and Revolution 3 hrs, 3 cr. Europe from middle of 17th century through Congress of Vienna 1815.

HIST 326 Europe 1815-1914 3 hrs, 3 cr. Political, social, intellectual, and economic development from the Congress of Vienna to World War I.

HIST 327 Europe since 1914 3 hrs, 3 cr. Europe in a century of total wars and Cold War: the military, political, social, economic, and intellectual scene.

HIST 328 History of European Diplomacy 3 hrs, 3 cr. From the Congress of Vienna and national unification movements through era of total wars and Cold War.

HIST 330 Social and Economic History of Modern Europe 3 hrs, 3 cr. Not currently offered.

HIST 331 European Culture in the 16th, 17th, and 18th Centuries 3 hrs, 3 cr. Not currently offered.

HIST 332 European Culture in the 19th and 20th Centuries 3 hrs, 3 cr. From Romantic poem to latest film: literature, art, religion, and science; political, social, and economic thought.

HIST 333 Military History: The Armed Forces and Society from the French Revolution to World War II 3 hrs, 3 cr. Relations between armed forces, government, society, and technological development from Napoleon through World War II.

HIST 334 France During the Revolution and Napoleonic Eras 3 hrs, 3 cr. Not currently offered.

HIST 335 History of Modern France 3 hrs, 3 cr. The French experience since Napoleon, with emphasis on life and death under the three Republics since 1870.

HIST 336 History of Modern Germany 3 hrs, 3 cr. 1871 to present; major themes embodied in German political, intellectual, and social life.

HIST 337 History of Spain 3 hrs, 3 cr. From Middle Ages to present. Political, economic, and social developments.

HIST 338 History of Italy 3 hrs, 3 cr. Classical to Renaissance background. Catholic Reformation, foreign domination, Risorgimento to Fascism, post-World War II era.

HIST 339 History of Habsburg Empire 3 hrs, 3 cr. Not currently offered.

HIST 341 Topics in History 3 hrs, 3 cr. Exploration of major trends, special controversies, or significant events; topics vary each term.

HIST 342 History of the Holocaust 3 hrs, 3 cr. Not open to students who have taken HIST 142. Examination of mass murder of 6 million Jews by Nazi regime during World War II.


HIST 344 Georgian and Victorian England 3 hrs, 3 cr. Society, politics, and empire, 1714 to the death of Queen Victoria in 1901.

HIST 345 Women and Society in Victorian England 3 hrs, 3 cr. "Woman's Natural"; women and the law, education, medicine, suffrage, work, prostitution, society, and the family.
HIST 346 British Empire and Commonwealth 3 hrs, 3 cr. Not currently offered.

HIST 354 The American Colonies in the 17th Century* 3 hrs, 3 cr. Comparative treatment of settlement in the Spanish, Portuguese, French, Dutch, and English colonies.

HIST 355 The American Colonies in the 18th Century 3 hrs, 3 cr. Not currently offered.

HIST 356 The Early Republic* 3 hrs, 3 cr. Politics and society in period of Jefferson and Jackson: reform, expansion, and change.

HIST 357 American Jewish History* 3 hrs, 3 cr. Development of American Jewish community: economic, political, and social integration; cultural adaptation.

HIST 358 Twentieth-century United States* 3 hrs, 3 cr. Leading personalities and domestic problems of United States since 1900.

HIST 359 Immigration and Ethnicity in the United States 3 hrs, 3 cr. Experience of major immigrant groups since colonial times; motives for coming, economic and social adjustment, encounter with prejudice, ethnic institutions.

HIST 360 History of American Diplomacy* 3 hrs, 3 cr. From Revolution to 1900; forces that shaped American foreign relations and major principles of US foreign policy.

HIST 361 Rise of the United States as a World Power 3 hrs, 3 cr. Impact of world leadership on basic principles of American foreign policy since 1898.

HIST 362 Leaders of America* 3 hrs, 3 cr. Biographical studies of Americans prominent in politics, arts, and national life.

HIST 363 History of American Culture* 3 hrs, 3 cr. American ideas and values from colonial period to present.

HIST 364 American Constitutional History, 1783-1900* 3 hrs, 3 cr. Development of constitutional thought from framing of Articles of Confederation to 1900.

HIST 365 American Economic History* 3 hrs, 3 cr. Rural agrarianism to advanced industrialism. Political and social forces, problems of capitalism, and social classes.

HIST 366 Role of Women in American History* 3 hrs, 3 cr. Women in all aspects of country's past and present; drive to suffrage and its aftermath.

HIST 367 Civil War and Reconstruction* 3 hrs, 3 cr. Slavery, sectional conflict, political crisis of Union. New interpretations of post-war race relations.


HIST 369 The History of the Black People in the United States* 3 hrs, 3 cr. Not currently offered.

HIST 370 The West in American History* 3 hrs, 3 cr. As an undeveloped area; westward expansion; Indian-white relations; paradoxes of government policy; modern West.

HIST 371 Colonial Hispanic America* 3 hrs, 3 cr. Discovery, exploration, and conquest of New World. Hispanic system and culture.

HIST 372 History of Latin America in the 19th and 20th Centuries 3 hrs, 3 cr. Political and social developments with emphasis on major revolutionary movements.

HIST 374 Russia to the 20th Century* 3 hrs, 3 cr. Political, socio-economic, and cultural development of Russia from Kiev origins to crisis of monarchy.

HIST 375 Late Imperial Russia and the Soviet Union* 3 hrs, 3 cr. Political, socio-economic, and cultural development of late 19th and 20th century Russian and Soviet society.

HIST 376 History of the Near and Middle East* 3 hrs, 3 cr. Near and Middle East from birth of Prophet Muhammad in 571 to invasion of Egypt by Napoleon Bonaparte in 1798.

HIST 378 History of the Near and Middle East* 3 hrs, 3 cr. Near and Middle East from invasion of Egypt by Napoleon Bonaparte in 1798 to the present.

HIST 377 Japan to the 19th Century* 3 hrs, 3 cr. Not currently offered.

HIST 378 History of Modern China* 3 hrs, 3 cr. History of China from Opium War of 1840 to present, stressing Chinese Communist Revolution.

HIST 379 History of Modern Japan* 3 hrs, 3 cr. Not currently offered.

HIST 380 China to the 19th Century* 3 hrs, 3 cr. Traditions of Chinese civilization to the 19th Century.

HIST 381 Modern Imperialism* 3 hrs, 3 cr. Not currently offered.

HIST 389 History of India* 3 hrs, 3 cr. Not currently offered.


HIST 391 Historical Restoration and Museum Work* 3 hrs, 3 cr. Introduction to museum work.

Special Courses

HIST 382 Historical Studies Seminar 3 hrs, 3 cr. Prereq: GPA 3.5. Not currently offered.

HIST 383, 384, 385 Problems in History 3 hrs, 3 cr. Intensive reading and research in selected topics. Required of majors in junior or senior year.

HIST 483, 484, 485 Problems in History (Honors) 3 hrs, 3 cr. Perm. chair. Not currently offered.

HIST 493 Individual Tutorial Research Project 3 cr. Perm. chair and inst. Research paper under individual supervision of faculty member.

HIST 498 Inservice Learning Program 1-6 cr. Perm. chair. Work in professional institutions.

*Not offered to freshmen.
Home Economics

Department Office  North Building room 526
Chair  Carol L. Waslien
Professors  Waslien
Associate Professors  Ludden, von Cseh
Assistant Professors  Pleasant
Instructors  Fishman, O’Brien, Pottinger
Advisors  (day) Irene von Cseh (evening) Elsie Pleasant

Effective at the beginning of spring semester 1983, all courses and programmatic offerings of the Department of Home Economics will be transferred to the School of Health Sciences.

Students previously enrolled in existing major programs in home economics will have the opportunity to complete their degree programs as planned. Courses needed to complete planned sequences will be scheduled as required. (No new admissions to the Teacher Education sequences in home economics will be accepted after spring 1982.)

Students entering Hunter College after spring 1983 who might wish to pursue a BS degree in the area of dietetics/nutrition must make transfer application to the School of Health Sciences. (See transfer admission process described in this catalogue under Health Sciences.)

Students are advised to be on the alert for bulletins and announcements, obtainable from the Department of Home Economics until the end of the fall semester 1982, or from the Registrar. Beginning with the spring 1983 semester, inquiries should be directed to the School of Health Sciences, 440 East 26th Street (Brookdale Center), room 1007, New York City 10001.

The Department of Home Economics offers two programs: the BS and the BA degrees.

The Bachelor of Science program is designed primarily for students who wish to become professional home economists. In addition to taking liberal arts courses, students begin courses in the major in their first semester. Students in this curriculum may elect an option in either dietetics or community services.

The Bachelor of Arts program is designed to allow enough flexibility so that students may prepare for professional areas in home economics and related fields. By carefully selecting elective courses and an appropriate minor, the student may design a curriculum to meet special interests. The program is also useful for students interested in education for personal development and strengthening family living.

Distribution Requirement  Except as noted below, home economics majors have the same choices within the distribution requirement as other Hunter students. But in categories I and VI, there are the following restrictions:

Category I  Natural Sciences and Mathematics  All majors must take CHEM 100, 101, 120, 121, BIOL 120, 122.
Category VI  Social Studies  All majors must take ECO 100 or 101, PSYCH 100, and SOC 101 plus 3 additional credits from applied social science electives.

BS Degree—Professional Major in Home Economics

The curriculum prepares majors for professional positions in home economics and comprehensive education for family living. Students are required to complete 128 credits and, sometime during or after their freshman year, to elect with the approval of the department chair Option A—Dietetics or Option B—Home Economics in Community Services.

The curriculum of both options, which lead to the degree of BS (Home Economics), includes the following basic courses: H ECO 111, 131, 151 or 152, 271, 361, 371, 402, and 463.

Option A—Dietetics  This option meets the American Dietetic Association requirements for dietetic internship (general area of specialization).

In addition to the basic home economics requirements for the BS degree, this option consists of the following courses: H ECO 231, 241, 331, 332, 333, 341, and 435, EDFA 362, BIOL 230, and 280, ECO 251.

Option B—Community Services  By electing this option students may prepare for careers in social-service agencies and business. Within the community-service option, students have an opportunity to specialize in foods and nutrition by taking H ECO 231, 232, 241, 331, and 441.

SUMMARY
52 cr  Distribution requirement
25 cr  Major program—home economics
23-39 cr  Option A or B
12-28 cr  Recommended and free electives
128 Total academic credits

BA Degree—Major in Home Economics

Students in the BA curriculum may elect home economics as a major field. A total of 24 credits in the following courses are required: H ECO 141 or 241, 271, 361, 363, and 371, and at least one course in each of the following areas: foods, clothing and textiles, housing and the home. With a carefully selected minor and elective courses, professional preparation for the fields of dietetics, and business, teaching, and family services programs is possible.

Minor  Requirements for the minor for the BA degree with a home economics major consists of 12 credits in one or two of the following fields of study: anthropology, art, biological sciences, chemistry, communications, economics, education, English, geography, health education, history, humanities, political science, psychology, sociology, and urban affairs. At the option of the Department of Home Economics, an allied minor may include not more than 6 credits of work taken to satisfy the student's degree requirement, provided that it also includes at least 6 credits of more advanced work in the same subject. For information concerning approved courses in the above subjects, the student should consult the department chair.

Electives  All the courses in the department are open to qualified students.

COURSE LISTINGS

H ECO 111  Clothing Selection  3 hrs, 3 cr, Social, cultural, psychological, economic, and aesthetic aspects of clothing selection. Evaluation of fabrics and ready-to-wear apparel.

H ECO 141 Nutrition I 3 hrs, 3 cr. Fundamentals of nutrition as they apply to individual and family; current topics and issues in nutrition; adequate diets for life cycle.

H ECO 141E Nutrition and the Elderly 3 hrs, 3 cr. Psychological, psychosocial, and economic problems of elderly; how needs are met by government and private agencies. Application of nutrition to these problems.

H ECO 151 Modern Housing 3 hrs, 3 cr. The significant factors affecting selection, financing, construction, and maintenance of family housing. Historical styles and housing trends.

H ECO 152 Home Furnishing 3 hrs, 3 cr. Choice, arrangement, and care of furnishings for the home. Emphasis on aesthetic, psychological, and economic aspects.

H ECO 231 Food Science II—Meal Management and Preparation 3 hrs, 3 cr. Prereq: H ECO 131. Management techniques in meal planning, preparation, and service of food for families; emphasis on family resources, nutritional needs, and aesthetics.

H ECO 232 Cultural Aspects of Food and Nutrition 2 hrs, 2 cr. Food habits and practices in various cultures. Historic, economic, and geographic influences on food customs and nutritional status.

H ECO 241 Nutrition II 3 hrs, 3 cr. Prereq: H ECO 131 and 141, CHEM 120. Application of current knowledge of nutrition to current problems. Critical review of literature.

H ECO 331 Experimental Foods 5 hrs (2 lec, 3 lab) 3 cr. Prereq: H ECO 231, CHEM 120, 121. Testing and developing techniques in food preparation.

H ECO 332 Quantity Foods 4 hrs (2 lec, 2 lab) 3 cr. Prereq: H ECO 231. Quantity preparation, service, and cost of food. Use and care of institutional equipment. Field experience.

H ECO 333 Food Purchasing 2 hrs, 2 cr. Prereq: H ECO 231 or perm. Inst. Selection and purchasing of food supplies for institutional use: quality, grades, and cost. Writing of specifications for purchasing food in quantity.


H ECO 361 Consumerism 3 hrs, 3 cr. Prereq: Jr/Sr only. Consumer goods and services including rights, responsibilities, and issues and their relation to private, government, and business sectors.

H ECO 371 Family Relationships 3 hrs, 3 cr. Prereq: Jr/Sr only. Conditions needed for effective family living; achieving and maintaining marriage; family members' roles; parenthood; the family and community.

H ECO 402 Pro-Seminar for Home Economics Seniors 1 hr, 1 cr toward degree of BS (Home Economics). Graduating Sr only. Research in home economics; examination of professional goals.

H ECO 436 Food Service Management 5 hrs (2 lec, 3 lab) 3 cr. Prereq: H ECO 332 and 333 or perm. instr. Organization and administration applied to food service institutions; sanitation and labor laws. Field experience in food service institutions.


H ECO 463 Fieldwork in Home Economics 7 hrs (1 lec, 6 lab) 3 cr. Prereq: H ECO 341. Service in community agencies; projects.

H ECO 491.2 Honors in Home Economics 2 hrs, 2 cr. May be taken for 1 or 2 sems. Prereq: upper Jr/Sr with perm. chair. Supervised independent research projects.

H ECO 491.3 Honors in Home Economics 3 hrs, 3 cr. May be taken 1 or 2 sems. Prereq: upper Jr/Sr with perm. chair. Supervised independent research projects.

H ECO 492.2 Independent Study in Home Economics 2 hrs, 2 cr. May be taken 1 or 2 sems. Prereq: 12 cr in home economics; Jr/Sr majors with perm. dept. chair. Written paper or suitable presentation is required.

H ECO 492.3 Independent Study in Home Economics 3 hrs, 3 cr. May be taken 1 or 2 sems. Prereq: 12 cr in home economics; Jr/Sr majors with perm. dept. Written paper or suitable presentation is required.

Not Offered 1982-84

H ECO 101 Introduction to Home Economics
H ECO 112 Problems In Clothing Design
H ECO 121 Textiles I
H ECO 211 Advanced Problems In Family Clothing
H ECO 221 Textiles II
H ECO 251 Household Equipment
H ECO 271 Child Development
H ECO 272 Parent-Teacher Relations in Child Care Problems
H ECO 301 Techniques of Communication In Home Economics
H ECO 311 Special Consumer Problems in Clothing Design
H ECO 334 Institutional Management
H ECO 362 Home Management
H ECO 372 Family Relations

Special Honors Curriculum

Program Office (old) North Building room 204 (new) West Building room 1423

Council on Honors Beaujour (Russian, chair), Grant (Biology), Griffel (Music), Harvey (History), Lavallee (Chemistry), Muysken (Philosophy), Novik (Psychology), Potter (English, co-chair), Roberts (Theatre & Film), P.J. White (Classics)

Advisors (day and evening) Elizabeth Beaujour, John Potter

The Thomas Hunter Honors Program provides exceptional undergraduate students in BA-granting disciplines with an individualized course of study suited to their needs and interests. Students selected for the Thomas Hunter Honors Program must show evidence of high academic potential, diversified interests, intellectual curiosity, and sufficient emotional and intellectual maturity to plan and carry out a coherent program of study in consultation with the appropriate faculty advisor.

Students may apply for admission to the program on their own, or they may be asked to participate. The council regularly invites prospective freshmen with superior high school records to an interview. Invitations are also extended to freshmen and sophomores already enrolled in both the day and evening sessions whose performance indicates intellectual curiosity and exceptional ability.

Many graduates of the Honors Program go on to PhD programs in the various arts and sciences, or to law, medical, and other professional schools. The rest choose careers in a wide variety of professional, artistic, and business fields.

Distribution Requirement Students in the Honors Program are released from strict fulfillment of the distribution requirements, but they are expected to maintain breadth in their programs and to create a significant pattern of courses in several divisions, approved by a council advisor.

Major Students in the Thomas Hunter Honors Program who wish to design an interdepartmental major for themselves may do so in consultation with the appropriate council advisor. The final transcript of such students designates the major as "Special Honors Curriculum." Most students in the Honors Program, however, elect to fulfill the requirements for a specific departmental major. These students abide by departmental criteria for the major and are eligible for departmental honors. Their final transcripts record the major as Special Honors Curriculum/Specific Department.

Whatever their major concentration, all students in the program must also successfully complete 3 special interdisciplinary honors colloquia and maintain a cumulative grade point average...
of 3.5 or better until their final certification into the program. Certification usually occurs in the student’s upper sophomore or lower junior term, when the council, ruling on each case individually, decides that the student’s continuing academic distinction and promise of future productivity warrant permanent membership in the Honors Program.

Honors Program students meet regularly in freshman, sophomores, and upper-level colloquia, led by members of the Council on Honors and other invited members of the faculty.

Students entering as freshmen must take one colloquium in their first year, one in their sophomore year, and one at their convenience thereafter. Students entering as sophomores must take one in their sophomore year and 2 thereafter. While the specific content of these courses varies from semester to semester, the underlying principles remain the same.

The freshman colloquium, designed for younger students, focuses on problems of identity and uses materials drawn from various literatures, psychology, and the cinema.

The sophomore colloquium is always taught by one professor, usually a member of the Council on Honors, who attacks a specific problem using the materials and methodologies of 3 or more disciplines. Students may take more than one of these colloquia if they so desire, but at least one must be taken in the sophomore year.

The upper-level honors colloquia are special seminars, usually conducted by 2 professors, devoted to topics lending themselves to broad interdisciplinary investigation.

The colloquia offer breadth of exposure, but even more importantly, they demonstrate how knowledge gained from a variety of disciplines can be related and integrated in an effort to understand complex processes and phenomena. All colloquia involve the writing of at least one major paper, in which students try to apply the methodology of the course to material in an area of their particular interest.

Upon completion of 90 credits, honors students may also be admitted by the council to Advanced Interdisciplinary Studies, with the opportunity of engaging in advanced independent study under the council’s supervision. A thesis or other appropriate report of the results of the student’s research is presented to the council.

**COURSE LISTINGS**

**HONS 101.01 Freshman Honors Colloquium** 1 hr, 1 cr. For freshmen only. Perm. dept. Offered Sp.

**HONS 101.02 Freshman Honors Colloquium** 2 hrs, 2 cr. For freshmen only. Perm. dept. Offered Fa.

**HONS 201.50 Sophomore Honors Colloquium** 3 hrs, 3 cr. Perm. dept. Offered Fa/Sp. Sample topics: Integrating the Irrational; Fin de Siecle Vienna: Origins of Contemporary Thought; Nationalism; The Idea of the Hero. May be taken more than once with different topics.

**HONS 201.50 Upper-level Honors Colloquium** 3 hrs, 3 cr. Perm. dept. Offered Fa/Sp. Sample topics: Biology, Values, and Moral Responsibility; Renaissance Cities; Art and Perception; The Discovery of Society. May be taken more than once with different topics.

**HONS 491 Advanced Interdisciplinary Studies** 6 cr. Perm. Council on Hons.

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**Inter-American Affairs**

**Program Office** (old) 790 Madison Avenue, room 706 (new West Building room 1156.

**Director** Kenneth Erickson

**IAA Committee** Bendix (Anthropology), Bonett (Sociology), Burks (History), Erickson (Political Science), Foote (Sociology), Gibbons (Communications), D. Gross (Anthropology), Gutierrez-Vega (Romance Languages), Hayton (Political Science), Randall (Economics), Sears (Black & Puerto Rican Studies), White (Geography & Geology)

The interdisciplinary area specialization in Inter-American Affairs leading to a BA degree consists of 36 credits. The courses form a combined major/minor, with 24 core credits dealing with the Latin American and Caribbean areas, plus a 12-credit minor. The core courses are drawn from the Divisions of Social Sciences and the Humanities and the Arts. Students select courses for the major and minor components in consultation with the program's director.

The area of specialization of the major, combined with the minor's emphasis on a traditional discipline, serves this program's graduates well, whether they choose to go on for a graduate degree in the social sciences or humanities, to pursue a professional degree in law or business, to teach in the New York City schools, or to seek employment in public or private organizations. Finally, in a city with a large, dynamic, and still growing population from the Caribbean and Latin America, Inter-American Affairs enables many students to satisfy, through a structured program of learning, their thirst for knowledge and understanding of their area of origin.

**Major** The interdisciplinary major component requires 24 credits, 21 from courses focusing on Latin America and/or the Caribbean, no more than 8 credits of which may be drawn from any one participating department, plus a 3-credit interdisciplinary seminar (IAA 434) normally taken during the senior year.

**Minor** The 12-credit minor component, selected in consultation with the director of IAA, is taken in a department that is participant in the program or in one that is relevant to the student's academic or career goals. The purpose of the minor is to complement the major component's broad interdisciplinary area coverage by providing exposure to the focus and tools of a traditional academic discipline.

**Language Requirement** Inter-American Affairs majors are required to demonstrate a reading knowledge of Spanish or Portuguese.

**COURSE LISTINGS**

**IAA 330 Field Course to Latin America and the Caribbean** 3 cr. Research paper before leaving; then intensive, tightly structured on-site observation and investigation.

**IAA 434 Seminar in Inter-American Affairs** 3 hrs, 3 cr. Open to juniors and seniors who have completed at least 18 cr in IAA, or perm. inst. Interdisciplinary reading, research, and discussion of selected topic involving economic, political, and social problems of Latin America. Research paper is required. May be repeated for maximum of 6 cr.

**Courses that qualify for the major:**

- **ANTHC 212** Ethnology of Meso-America
- **ANTHC 213** Ethnology of South America
- **ANTHC 214** Ethnology of the Caribbean Area
- **ANTHC 231** Archeology of Meso-America
- **ANTHC 232** Archeology of South America and the Caribbean
- **ANTHC 261** Languages and Cultures of Meso-America
- **ANTHC 262** Languages and Cultures of South America
- **ANTHC 263** Afro-New World Language and Culture
INTERDISCIPLINARY COURSES

BLPR 141 Puerto Rican Folklore  
BLPR 143 Image of Puerto Rican National Identity in Its Literature  
BLPR 237 Afro-Caribbean Literature  
BLPR 241 Puerto Rican History I  
BLPR 242 Puerto Rican History II  
BLPR 243 Puerto Rican Culture  
BLPR 244 Puerto Rican Ethnic Community in New York  
BLPR 245/246 Puerto Rican Literature  
BLPR 248 Spanish Language in Puerto Rico  
BLPR 255 Puerto Rican Child in American Schools  
BLPR 270 Economic History of Puerto Rico  
BLPR 276 Puerto Rican Family  
BLPR 290 Selected Topics in Black & Puerto Rican Studies  
BLPR 351 Major Puerto Rican Figures  
BLPR 352 Power Structure in Puerto Rico  
BLPR 355 Spanish-Afro-Antillean Poetry  
BLPR 380 Party Politics in Puerto Rico  
BLPR 387 Puerto Rican Ethnic Politics in New York  
BLPR 390.52 Politics in the Caribbean  
BLPR 390.60 Race and Culture of Protest in the Caribbean  
BLPR 390.61 Caribbean Foreign Policy  
ECO 351 Contemporary Economic Systems: Latin America  
GEOG 270 Regional Geography of the Circum-Caribbean  
GEOG 271 Regional Geography of South America  
HIST 141 Contemporary Issues in Historical Perspective: The English-speaking Caribbean  
HIST 141.57 Cuban Revolution  
HIST 337 History of Spain  
HIST 371 Colonial Hispanic America  
HIST 372 History of Latin America in the 19th and 20th Centuries  
HIST 341 Topics in History: Caribbean History  
HIST 341.57 Topics in History: Cuban Revolution  
POLSCI 252 Government and Politics in the Caribbean  
POLSCI 253 Government and Politics in Latin America  
POLSCI 271 International Politics in the Americas  
POLSCI 272.51 Revolution and Reaction in Central America  
FREN 353 Hallian and Afro-French Literature  
SPAN 283 Contemporary Spanish American Literature in Translation  
SPAN 276 Readings in Modern Spanish American Literature  
SPAN 345 Spanish American Literature from Its Origin to Romanticism and Realism  
SPAN 350 Spanish American Modernism and Postmodernism  
SPAN 352 Contemporary Spanish American Literature  
SPAN 358 Latin American Civilization  
SPAN 491 Honors Course in Romance Languages: Contemporary Latin American Literature  
SOC 361 Social Change in Developing Societies  

Any other new or selected-topic courses approved by Inter-American Affairs director.

Interdisciplinary Courses

HUMANITIES AND THE ARTS

Interdisciplinary courses are taught on either the introductory or advanced level by members of 2 or more departments. Some interdiscipinary courses are given on a special experimental basis by departments to explore a particular problem or illustrate a subject that benefits from different points of view. Examples are: "Surrealism In Art and Literature," "Opera on the Stage," "The Literature and Art of the Weimar Republic," and "Law and Society." For further information, contact the office (old) North Building room 728 (new) West Building room 1212.

Four interdisciplinary courses which study areas too broad to be covered by a single department are regularly offered by the Humanities Division. These may be used to fulfill Category V of the distribution requirement.

COURSE LISTINGS

HUM 110 The Map of Knowledge 3 hrs, 3 cr. Offered D/FA. Introduction to range of knowledge available in the curriculum. Discusses subject matter and methodology of various disciplines as well as their relations within and across the curriculum to aid students in making intelligent choices in their course of study.

HUM 201 Exploration in the Arts 3 hrs, 3 cr. Offered D/Sp. Introduction to temporal and spatial arts with special emphasis on theatre, film, music, and visual arts. Focus on principles they share as well as on their distinguishing features. Attendance at artistic events in NYC.

HUM 380 The Western Tradition I 3 hrs, 3 cr. Prereq: ENG 220 or equiv. Offered D/Sp. Focus on major intellectual movements of Western culture from Homer to Renaissance by studying interrelated works of literature, art, and philosophy.

HUM 381 The Western Tradition II 3 hrs, 3 cr. Prereq: ENG 220 or equiv. Offered D/FA. Focus on major intellectual movements of Western culture from late Renaissance to present by studying interrelated works of literature, art, and philosophy.

HEALTH SCIENCES

COURSE LISTINGS

SHS 200 Controversies and Issues in Health and Health Care 3 hrs, 3 cr. Impact of national, environmental, food, population and reproduction, and health care policies on well-being of American people. How social, economic, and political factors affect health and health care. Recommended for all students considering careers in health or human services.

SCIENCE AND MATHEMATICS

COURSE LISTINGS

SCI 200 Introduction to Biomedical Research 2 hrs, 1 cr; does not fulfill distribution requirement; not credited toward major or minor. Prereq: perm. Inst. and either BIO 100 or CHEM 102. Designed specifically for students interested in entering the Minority Biomedical Research Support (MBRS) program, although open to all qualified students. Seminar lectures include: research opportunities with participating faculty in MBRS program; career goals in biomedical and behavioral sciences; instruction in the preparation of literature searches in science; data collection and analysis; writing of scientific papers and presentation of oral reports. Laboratory visits designed to demonstrate utilization of research equipment. Visiting scientists will discuss their research. Term paper required.

SCI 300/301 Nature and Limitations of Science 2 hrs lec, 1 hr disc, 3 cr or each sem; both semesters must be taken to receive credit toward a degree. One-year course for non-science majors who have a 3.0 GPA in 64 or more credits, and who have earned a C or better in 1 yr of a lab science. Satisfies distribution requirement in science and mathematics (category I). Unified approach to demonstrate inherent similarity of conceptual themes that lie at foundations of commonly distinguished disciplines. Case histories used to explore intellectual and economic context in developing and utilizing technologies. Different approaches characteristic of basic philosophical and quantitative sciences, and properties of scientific theories are examined. Several short papers are required, and a lengthy (c. 15 pp) paper is part of second-semester project.

SOCIAL SCIENCES

The following courses are sponsored by the Division of Social Sciences as interdisciplinary electives intended as enrichments of the general liberal arts curriculum. They focus on broad issues of continuing importance that require multifaceted but integrated treatments from several disciplinary perspectives. At this time, they are not part of a formal program leading to a designated specialization. For further information on any of the interdisciplin-
ary courses, contact the Social Science Division’s office, (old) North Building room 1220 (new) West Building room 1711.

COURSE LISTINGS


SOSCI 220 Law and Society 3 hrs, 3 cr. Not open to freshmen, except by perm. General introduction to history, major systems, philosophy, and functions of law, including normative questions and citizen obligations relating to law.

SOSCI 498 Inservice Variable hrs, 1 to 6 cr. Placement in appropriate off-campus settings on an individual basis.

Jewish Social Studies

Program Office (old) North Building room 1217a (new) West Building room 1553

Chair Robert M. Seltzer

Coordinating Committee AlRoy (Political Science), Cohen (History), Heilper (Sociology), Schlesinger (Sociology), Seltzer (History)

The interdisciplinary specialization in Jewish social studies (JSS) consists of 36 to 39 credits leading to a BA degree. The courses form a combined major/minor with 24 to 27 credits dealing with Jewish studies taken in various departments and 12 credits constituting a minor to be chosen from a department approved by the Coordinating Committee of the Jewish Social Studies program. There is a language requirement that can be fulfilled either by passing a reading test in Hebrew or Yiddish with the aid of a dictionary or by successfully completing a one-year course in either language. There is opportunity to receive academic credit for fieldwork with a Jewish community agency and for summer study programs in Israel.

REQUIRED OF ALL MAJORS

a. Jewish history (6 cr)
   HIST 309 Jewish History in the Ancient World 3 hrs, 3 cr
   HIST 320 Jewish History in the Modern World 3 hrs, 3 cr

b. Jewish literature and thought 6 cr chosen in consultation with the chair from such courses as:
   HEBR 361 Masterpieces of Ancient Hebrew Literature in Translation 3 hrs, 3 cr
   HEBR 362 Masterpieces of Medieval Hebrew Literature in Translation 3 hrs, 3 cr
   HEBR 363 Readings in Modern Hebrew Literature in Translation 3 hrs, 3 cr
   HEBR 391 Masterpieces of Yiddish Literature in Translation 3 hrs, 3 cr

c. Area of concentration 9 cr chosen in consultation with the chair; at present these include such courses as:
   HIST 357 American Jewish History 3 hrs, 3 cr
   HIST 384 Problems in History (on a Jewish studies topic) 3 hrs, 3 cr
   POLS 264 Government and Politics of Israel 3 hrs, 3 cr
   HIST 740 Modern Jewish Social and Intellectual History 3 hrs, 3 cr
   HIST 748 American Jewish History 3 hrs, 3 cr

d. Selected topics in Jewish studies 3 or 6 additional cr to be arranged with the chair.

Minor 12 cr in appropriate courses related to the student’s area of concentration, in history, philosophy, economics, political science, sociology, Hebrew literature, etc.

Jewish Social Studies as a Minor Jewish Social Studies can be taken as an allied minor along with a major in such fields as history, political science, sociology, and religion, with the approval of the student’s major advisor.

COURSE LISTINGS

JSS 310 Jewish Social Studies Fieldwork hrs to be arranged, 36 cr. Prereq: qualified JrSr with perm. chair. Supervised experience in a Jewish community agency, periodic consultation with JSS chair, and preparation of report or term paper based on the experience.

JSS 410.50, 410.51 Jewish Social Studies Seminar I & II 3 hrs, 3 cr each. Prereq: qualified JrSr with perm. Inst. or chair. Selected topics and problems in Jewish studies.

Hunter-YIVO Exchange Program The program in Jewish social studies has established a special reciprocal exchange of courses and students with the Max Weinreich Center for Advanced Jewish Studies of the YIVO Institute for Jewish Research (5th Ave and 88th St). Qualified Hunter students, with permission of the JSS chair, may take courses offered there in various aspects of East European Jewish life and culture and receive Hunter credit.
Mathematical Sciences

Department Office  (old) North Building room 1230J (new) 15th floor
Chair  Brian Shay
Professors  Churchill, Dolciani, Rottberg
Associate Professors  Bailer, Banachik, Cherkas, Hachigian, Jambols, Lousiau, Matthews, Peluso, Shay, Writes
Assistant Professors  Clarkson, Haron, Hecht
Advisors  (day) John Lousiau (evening) Jane Matthew (remediation)
Sandra Clarkson (statistics/graduate) Alvin Banachik

The Department of Mathematical Sciences offers majors in mathematics and statistics that prepare students for careers in business, government, research, and teaching. Students considering such majors should consult an advisor during their first or second semester to plan the proper sequence of courses and should continue to consult the advisor at least once each semester. Minors are also offered in these fields.

Distribution Requirement  Any courses in the department except MATH 001, 020, 103, 120, and 121 may be used toward the science and mathematics category of the distribution requirement. At most 6 credits used to satisfy the distribution requirement may be credited toward a major or minor in the department. We suggest, but do not require, that students who are thinking of continuing their study on the doctoral level elect French, German, or Russian to meet the foreign language portion of the distribution requirement.

Exemptions and Advanced Placement  Students planning to register for calculus must take the calculus readiness test to determine whether they should first register for MATH 120 and/or MATH 121. Certain standard examinations such as CLEP are recognized by the department for course exemption, credit by examination, or advanced placement without credit. For details and information about availability of special departmentally administered examinations, the student should consult the department.

Accelerated BA/MA Program in Mathematics  The BA/MA program in mathematics offers promising students the opportunity to complete both the bachelor and master's degree requirements with a minimum of 125 credits. This program enables the department to identify a small number of talented, highly motivated students and to help them realize their potential. These students will have the opportunity to deepen their knowledge of mathematics to the point where they are prepared to enter any doctoral program. Interested students should contact the department for further information regarding eligibility and curriculum requirements.

Mathematics Major

The mathematics major introduces students to the fundamental areas of mathematics and provides some degree of specialization in at least one area. It encourages the type of analytical thinking used in pure and applied mathematics and brings some familiarity with the rigorous methods of proof used in mathematics. With a common core curriculum of major courses and advanced electives chosen in consultation with an advisor in accordance with the student's interests and needs, students build a foundation that will enable them to move into immediate employment in such areas as data processing. With appropriate selection of advanced electives, the student will also be prepared for graduate study in either pure applied mathematics, statistics, or computer science.

To enter the major, the student should have completed one year of calculus (MATH 150, 155, or the equivalent). The mathematics major consists of at least 37 credits of coursework including 8 credits of calculus (MATH 150, 155), 23 credits of core curriculum courses (taken by all mathematics majors except those with a minor in elementary education), and at least 6 credits of advanced courses, chosen by students according to their career plans. Students are expected to select an option from those described below.

Core Curriculum  (23 cr)  MATH 211, 250, 254 or 255, 311, 351, C SCI 125, STAT 213 or 311.

Options  Some flexibility is possible within each option, but any deviation from the requirement will require special reasons and the approval of the student's advisor. Such approval is not automatic and will depend on the career goals of the student.

Option #1  For students intending technical careers in business, industry, or government:

Required courses (in addition to the core): MATH 352 or 353; STAT 311 or C SCI 250. Recommended electives: MATH 254, 255, 354, STAT 312, 313, C SCI 350, 355.

Option #2  For students intending to continue graduate study beyond the master's level:

Required courses (in addition to the core): MATH 352, and any one of MATH 312, 340, or 353.

To prepare adequately for graduate study, the student should choose at least 3 additional courses from among MATH 312, 340, 353, 354, 370, 454, 490, STAT 311, 312, 313, C SCI 250, 350, 355, and any 700-level graduate course in the department or at the Graduate Center.

Option #3  For students intending to teach in secondary schools:

Required courses (in addition to the core): MATH 331, STAT 311. Recommended electives: MATH 291, 312, 313, 340, 352, 370, 371, STAT 212, 213, 214, C SCI 250.

Minor  Except for mathematics majors preparing to teach in elementary schools, minors in mathematics take as a minor 12 approved credits in one of the following subjects: biological sciences, chemistry, computer science, economics, geology, philosophy, physics, or statistics. For students preparing to teach in elementary schools the minor is education as prescribed by the Division of Programs in Education.

Minors in Elementary Education  With permission of the mathematics advisor, an interdisciplinary major including some science courses as well as approved courses within the department may be accepted. For such a major, core courses would include, beyond MATH 150 and 155, at least MATH 211, 250, and 311. Advanced offerings for students in the interdisciplinary major would ordinarily include MATH 291 and 313.

Statistics Major

The study of statistics provides the student with analytical tools that may find application in various fields within the sciences and social sciences. Actuarial science is one area open to students in statistics who also have backgrounds in such subjects as computer science, mathematics, and economics. The MA in Applied Mathematics offered by the Department of Mathematical Sciences provides enrichment for undergraduate statistics majors. To enter the major the student must have completed MATH 150 and 155. The statistics major consists of 32 credits as follows: MATH 211, 250, 254 or 354, STAT 212, 213, 214, 311, 312, 313, and any 3-credit C SCI course accepted for credit in the computer science major.
Modifications are permitted with the consent of a statistics advisor. For example, a student may elect to replace STAT 212 with a more advanced course. With permission of the major advisor, a student may take graduate courses in the MA in Applied Mathematics program.

Minor Statistics majors take as a minor 12 approved credits in one of the following subjects: biological sciences, chemistry, computer science, economics, geology, mathematics, philosophy, physics, political science, psychology, or sociology. Students may include in their minors up to two 3-, 4-, or 5-credit courses of required work in any one subject, provided the rest of the minor is in the same subject. For Information concerning approved minor sequences, students should consult the department.

Actuarial Sequence Students interested in actuarial work should take MATH 150, 155, 250, STAT 311, and 313. Students are also encouraged to take courses in accounting, economics, and computer science. For information concerning examinations and prizes given to undergraduates by the Society of Actuaries, consult the chair or advisor of the department.

Preparation for Teaching Students preparing to teach in elementary school may take the mathematics major indicated above with education as their minor. Students preparing to teach mathematics at the secondary school level should choose a minor in consultation with the departmental advisor and take the required education sequence among their electives. The education sequence includes EDUC 379, Methods of Teaching Mathematics in Secondary Schools. The department offers opportunities for its students to work as tutors in some of its elementary courses, thus providing valuable experience for prospective teachers.

Honors A student majoring in mathematics or statistics may become a candidate for departmental honors by successfully completing MATH 490, by presenting a major GPA of at least 3.6, and by achieving a satisfactory rating on a comprehensive examination.

There is a chapter of the national honor society of Pi Mu Epsilon in the department open to especially well-qualified students with advanced work in mathematics or statistics.

**Course Listings**

Mathematics

MATH 001 Arithmetic and Topics in Algebra *3 hrs, 3 cr. Prereq: placement by CUNY Proficiency Examination (only 8 cr in remediation can be counted toward graduation). Grading is on the CR/NCR basis. Whole numbers, fractions, decimals, percents, signed numbers, and introduction to algebra through quadratic equations.

MATH 020 Essentials of Elementary Algebra *3 hrs, 3 cr. Prereq: passing CUNY Skills Assessment Exam or completing MATH 001. (A maximum of 3 cr for MATH 001, PHYS 001, and MATH 020 can be counted toward graduation.) May be taken concurrently with PHYS 001 with the permission of the coordinator. Grading is on the CR/NCR basis. Offered D/F/A. Operations with real numbers and algebraic expressions, linear equations and inequalities, factoring, radicals, and quadratic equations.

MATH 100 Basic Structures of Mathematics 3 hrs, 3 cr. Prereq: both Hunter and CUNY Proficiency in Mathematics must be satisfied. Not credited if student has taken MATH 155. Not recommended for students majoring in mathematics, statistics, computer science, or natural sciences. Symbolic logic, sets, number systems, relations and operations and topics in probability and statistics.

MATH 103 Mathematics for Elementary Education *3 hrs, 3 cr. Prereq: both Hunter and CUNY Proficiency in Mathematics must be satisfied. Required of students planning to teach in elementary schools. Registration by approval from the Office of Teacher Education. Offered D/F/A, Sp, E/F/S.

84. Sets, number systems: Introduction to geometry; introduction to probability.

MATH 110 Topics in the Mathematical Sciences 3 hrs, 3 cr. Prereq: MATH 100 or 103 or perm. inst. Both Hunter and CUNY Proficiency in Mathematics must be satisfied. Not credited if student has taken MATH 211. Intended for liberal arts or social science students. Offered D/F/A, Sp, E/F/S. Applications of topics selected from algebra, analysis, computer science, geometry, probability, and statistics.

MATH 111 Matrices, Vectors, and Linear Programming 3 hrs, 3 cr. Prereq: both Hunter and CUNY Proficiency in Mathematics must be satisfied. Not credited if student has taken MATH 211. Not recommended for students majoring in mathematics or statistics. Offered D/F/A, E/F/S. Introduction to matrices and vectors, systems of linear equations, and linear programming with applications.

MATH 120 Elementary Functions *3 hrs, 3 cr. Prereq: both Hunter and CUNY Proficiency in Mathematics must be satisfied. Calculus readiness test required for placement. Not credited if student has taken MATH 150. Exponents, factoring, equations, linear inequalities. Lines and circles. Logarithms. Elements of trigonometry.

MATH 121 Further Topics in Elementary Functions *2 hrs, 2 cr. Prereq: MATH 120 or equiv. Calculus readiness test required for placement. Not credited if student has taken MATH 150. Parabolas, ellipses, and hyperbolas. Systems of equations, nonlinear inequalities. Trigonometric and inverse trigonometric functions.

MATH 150 Calculus with Analytic Geometry I 4 hrs, 4 cr. Prereq: knowledge of algebra, geometry, and trigonometry as demonstrated by passing calculus readiness test. Students not passing this test should register for MATH 120 and/or 121. MATH 121 may be taken concurrently with MATH 150. Limits, continuity, differentiation and integration of algebraic functions; applications to transcendental functions.

MATH 155 Calculus with Analytic Geometry II 4 hrs, 4 cr. Prereq: MATH 150. Differentiation and integration of trigonometric functions, integration techniques, polar coordinates, infinite series, improper integrals.

MATH 211 Introduction to Linear Algebra 4 hrs, 4 cr. Prereq: MATH 155 and either C SCI 204 or concurrent registration in MATH 250. Not offered E/F/S. Vector spaces, linear independence, bases rank; transforms, systems of linear equations, eigenvectors and eigenvalues.


MATH 255 Vector Analysis 3 hrs, 3 cr. Prereq: MATH 250. Offered D/F/A, E/F/S. The historical development of arithmetic, algebra, geometry, trigonometry, analytic geometry, and calculus.

MATH 291 History of Mathematics 3 hrs, 3 cr. Prereq: MATH 155. Offered E/F/S. The historical development of arithmetic, algebra, geometry, trigonometry, analytic geometry, and calculus.

MATH 295 Intermediate Topics in Mathematical Sciences 3 hrs, 3 cr. Prereq: MATH 150, additional prerequisites vary with specific topics and will be announced at time of course offering. May be repeated as topics vary, but not more than twice. Offered E/F/S. Topics to be studied in any given term will be announced prior to registration.

MATH 311 Abstract Algebra I 3 hrs, 3 cr. Prereq: MATH 211. Offered D/F/A, E/F/S. Introduction to theory of groups and rings.

MATH 312 Abstract Algebra II 3 hrs, 3 cr. Prereq: MATH 311. Offered E/F/S. Elements of Galois theory, construction with ruler and compass, advanced topics in ring theory and linear algebra.

MATH 313 Theory of Numbers 3 hrs, 3 cr. Prereq: MATH 211. Offered E/F/S. Congruences, quadratic residues, elementary diophantine analysis, continued fractions, sums of squares.

MATH 331 Geometries 3 hrs, 3 cr. Prereq: MATH 211. Offered E/F/S. Topics in affine and projective geometry and/or topics in differential geometry.

*Not credited toward distribution requirement

MATH 351 Advanced Calculus I 3 hrs, 3 cr. Prereq: MATH 211 and either MATH 254 or 255. Offered E/Fa. Mature consideration of theory and processes of calculus, including implicit functions and infinite series.

MATH 352 Advanced Calculus II 3 hrs, 3 cr. Prereq: MATH 351. Offered E/Fa. Continuation of MATH 351 with emphasis on integration theory.

MATH 353 Introduction to Complex Variables 3 hrs, 3 cr. Prereq: MATH 255. Offered DiFa '83. Complex numbers, analytic functions, elementary functions, contour integrals, Cauchy integral theory, series.


MATH 370 Mathematical Logic 3 hrs, 3 cr. Prereq: MATH 211. Offered DiFa '84. Propositional and first-order predicate calculi, models, validity, probability, consistency, completeness.

MATH 371 Fundamental Concepts of Modern Mathematics 3 hrs, 3 cr. Prereq: Any 2 courses chosen from MATH 211, 311, 351, 352. Offered DiSp '84. Axiomatic approach to theory of sets; axiom of choice; Zorn's Lemma; transfinite arithmetic.

MATH 391, 392, 393 Independent Study in Mathematics 1 hr, 1 cr; 2 hrs, 2 cr; 3 hrs, 3 cr. Prereq: Jr/Sr only with perm. dept. Independent study and reading under direction of faculty member.

MATH 454 Calculus on Manifolds 3 hrs, 3 cr. Prereq: MATH 352. Offered DiFa '84. Functions on Euclidean space, implicit function theorem, Fubini's theorem, integration on chains and manifolds.

MATH 490 Honors Seminar 3 hrs, 3 cr. Prereq: MATH 311, 351, and perm. dept. Offered DiSp '83.

Statistics

STAT 113 Elementary Probability and Statistics 3 hrs, 3 cr. Prereq: both Hunter and CUNY Proficiency in Mathematics must be satisfied. Not credited if student has taken STAT 117, 213, ECO 220, PSYCH 206, or SOC 241. Students who pass the calculus readiness test or who take calculus should register for STAT 213 instead. Not credited for majors in statistics or mathematics unless minor is elementary education. Discrete probability; descriptive, inferential statistics. Estimation and hypothesis testing for normal and binomial means.

STAT 117 Statistical Data Processing I 3 hrs, 3 cr. Prereq: Any 3-cr computer science course creditable to the computer science major. Not credited if student has taken STAT 113 or 311. Offered DiFa. Probability, descriptive statistics, and normal distribution as applied to computerized treatment of data.

STAT 212 Discrete Probability 3 hrs, 3 cr. Prereq: Knowledge of algebra and geometry as demonstrated by passing the calculus readiness test. Students not passing this test should register for MATH 120. Offered DiSp. Combinatorics, discrete probability, random walks, and game theory. Emphasis on model building.

STAT 213 Introduction to Applied Statistics 3 hrs, 3 cr. Prereq: Knowledge of algebra and geometry as demonstrated by passing calculus readiness test. Students not passing this test must register for MATH 120. Not credited if student has taken STAT 113, 117, ECO 220, PSYCH 206, or SOC 241. Offered DiFa. Statistical methods including sampling, estimation, t-tests and related nonparametric tests, chi-square tests.

STAT 214 Data Analysis 3 hrs, 3 cr. Prereq: STAT 113 or 213 with grade of B or better or perm. inst. Offered DiSp. Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building.

STAT 217 Statistical Data Processing II 3 hrs, 3 cr. Prereq: STAT 117 or 3-cr computer science course creditable to the computer science major together with either STAT 113 or 311. Offered DiSp. Continuation of STAT 117 covering inferential statistics, hypothesis testing, analysis of variance, regression.

STAT 311 Probability Theory 3 hrs, 3 cr. Prereq: MATH 250; coreq: MATH 256 or 351. Offered DiSp '84. Combinatorics, distribution theory for discrete and continuous random variables, central limit theorems.


Music

Department Office (old) North Building room 1515
Chair L. Michael Griffler
Professors Anderson, Hunter, Oberlin, Westermann, White
Associate Professors Basquin, Fink, Griffler, Hampton, Harrison, Martin, Montesi
Assistant Professors DeFord, Harris, Stauffer
Advisors (day/evening) Ruth DeFord, North Building room 1511B
(graduate) George Stauffer, North Building room 1512

The Department of Music offers a wide variety of music courses and music degree programs tailored to the needs of students with different personal and professional objectives. Course offerings include a large selection of topics for both majors and nonmajors covering all areas of music performance, theory, history, and literature. Most degrees can be completed in the evening as well as the day. In addition, the department sponsors many extra-curricular events, including concerts, lectures, and master classes.

Graduates of the department are active in the classical and the popular performance fields as singers, instrumentalists, and conductors. Concentration in music theory and composition can lead to career opportunities in orchestrating, choral arranging, commercial arranging, and film scoring, as well as composing music in the contemporary and popular idioms. Concentration in music history paves the way toward career opportunities in college teaching and musical scholarship, including such work as music journalism and criticism; lecturing, writing program and music-liner notes; editing, translating, and cataloging musical materials; and serving as a consultant to concert societies, opera houses, and publishers. Graduates of the 59-credit BS program are qualified to teach in the public elementary and high schools of New York State.

Distribution Requirement For music majors and minors, no more than 6 credits in the department may serve to fulfill category V of the distribution requirement. We suggest that students who are planning to continue the study of music on the graduate and doctoral level elect German, French, or Italian to meet the foreign language requirement in category III.

Major Program The Department of Music offers 4 major programs to fit individual interests and requirements. Courses MUST 120, 180, and 180, and MUSHL 105 are prerequisites for all music majors, but are not credited toward any of the major programs. Entering students will be exempted from these prerequisites only by examination. Candidates for all major programs (except the 24-credit major) must demonstrate elementary facility at the piano at the end of their last semester of keyboard studies. Candidates for the 42-credit and 59-credit majors must demonstrate reasonable mastery of an instrument or voice before graduation.

24-credit Major (BA) This degree is designed for students who wish to study music in the context of a general, liberal arts education but do not plan to pursue careers in music. It is often taken by students fulfilling the requirement for certification in early childhood and elementary education. It may also be convenient for students who enter Hunter with a large number of transfer credits in music and wish to complete their degree as quickly as possible. Requirements are:

1. 9 cr in music history and literature: any 3 courses chosen from MUSHL 353, 354, 355, 357, 358, and 359;
2. 9 cr in music theory: MUSTH 121, 222, and 223;
3. 6 cr of music electives in any music course above the 100 level.

A minor of 12 credits in any field other than music is required.

42-credit Major (BA) This degree is designed for students planning to pursue professional careers in music. It provides basic training in all areas of music and serves as a foundation for graduate study of any specialized aspect of the field. Requirements are:

1. 9 cr in music history and literature: any 3 courses chosen from: MUSHL 353, 354, 355, 357, 358, and 359;
2. 21 cr in music theory; MUSTH 121, 181, 191, 222, 223, 282, 283, 292, 293, and 341;
3. 6 cr in music performance, including 4 cr in ensembles (MUSPF 221, 231, 291, 299, 351, 353, or 355), of which 2 must be in large performing groups (MUSPF 222, 231, or 291);
4. 6 cr of music electives above the 100 level.

No minor is required.

59-credit Major (BS) This degree is designed for students planning to pursue careers as music teachers at the secondary level. It provides automatic provisional certification for teaching and in elementary through secondary schools in New York State; students wishing to obtain New York City licensing must pass examinations in addition to fulfilling the degree requirements. Students are admitted officially to this program only after they have completed at least 24 credits of College work, including at least 6 credits in music courses. At that time, they must pass an audition on their preferred instrument or voice. To enter and remain in this program, they must also maintain a GPA of 3.0 or better in music courses. Requirements are:

1. 9 cr in music history and literature: any 3 courses chosen from: MUSHL 353, 354, 355, 357, 358, and 359;
2. 27 cr in music theory: MUSTH 121, 181, 191, 222, 223, 282, 283, 292, 293, 335, 337, and 341;
3. 15 cr in instruments, voice, and conducting: MUSPF 219, 241, 242, 243, 244, 245, 246, 349, 350, and 411;
4. 8 cr in music performance, of which 2 must be earned in MUSPF 221 and 6 in MUSPF 401.

An annual jury examination is required. In addition, students are expected to participate in one of the large performing groups each semester that they are in the program (normally 6 semesters). Students who play orchestral instruments are expected to choose MUSPF 231 or 291. The additional work may be taken as an auditor or elected for general College credit.

The 23-credit requirement in education includes: EDFDN 261, 272, and 362; EDUC 353, 355, 380, 400DA, and 480. Students in this program take a special reduced distribution requirement.

| I Sciences and Mathematics | 6–8 cr |
| II English Composition | 3 cr |
| III Humanities: Foreign Language | 0–12 cr |
| IV Humanities: Literature | 6 cr |
| V Humanities | 6 cr |
| VI Social Sciences | 6 cr |
| VII Physical Education | 1 cr |
| **Total** | **28–42 cr** |

60-credit Major (BMus) This degree is designed for students planning to pursue careers as professional performers of music or as teachers of music performance. It provides intensive instruction in the student's instrument or voice, as well as solid training in music history and theory, and a broad, liberal arts education. Admission to this program is conditional on passing an audition.
(preferably before the student enters College) demonstrating a high level of skill in performance. Requirements are:

1. 9 cr in music history and literature; any 3 courses chosen from: MUSM 353, 354, 355, 357, 358, and 359;

2. 21 cr in music theory: MUSTH 121, 181, 191, 222, 223, 282, 283, 292, 293, and 341;

3. 24 cr in MUSP 431;

4. 6 cr in one of the following areas of concentration:
   a. Instrumental performance: 6 cr in ensembles (MUSP 221, 231, 291, 293, 351, 353, or 355), including at least 2 cr in MUSP 221, 231, or 291, and 2 cr in MUSP 355.
   b. Vocal performance: 4 cr in ensembles (MUSP 221, 231, 291, 293, 351, 353, or 355), including at least 2 cr in MUSP 353, and 2 cr in MUSP 151 (usually taken at the Mannes College of Music).

An annual jury examination is required. A senior recital, for which no credit is given, is also required.

Accelerated BA/MA Degree The department offers unusually gifted students the opportunity to obtain a master's degree in 4 years with a minimum of 125 credits. Requirements are the same as those for the 42-credit BA plus 30 credits at the graduate level. Incoming freshmen should consult the undergraduate advisor to set up a curriculum appropriate to their individual backgrounds. In addition, the graduate advisor must be consulted about the MA requirements.

Graduate Study Seniors of high academic standing who are recommended by the department may be permitted to take graduate courses for undergraduate credit. Seniors within 9 credits of graduation may apply to the Admissions Office for permission to take graduate courses creditable toward the MA degree. The department offers an MA in music with opportunity for concentration in music history, ethnomusicology, composition, performance, or teacher education.

The Hunter-Mannes Consortium Hunter College music students are permitted to take elective courses at the Mannes College of Music under a consortium arrangement created to enrich the variety of music courses available to the students of both schools. Students wishing to participate in this program must contact the undergraduate advisor for details and approval.

COURSE LISTINGS

Introductory Courses

MUSM 101 Introduction to Music* 3 hrs, 3 cr. For nonmajors. Selected number of complete works studied with aim to develop perceptive listening.

MUSM 107 The Experience of Music* 3 hrs, 3 cr. For nonmajors. Development of personal perception of music and sound as related to environment.

MUSM 101 Basic Musicianship I* 3 hrs, 3 cr. For nonmajors. Introduction to music theory, sight singing, and ear training.

MUSM 102 Basic Musicianship II 3 hrs, 3 cr. For nonmajors. Offered Sp. Continuation of MUSM 101.

History and Literature of Music

MUSM 105 Introduction to Musicology* 3 hrs, 3 cr. Majors only. Prereq or coreq: MUSM 120 and ENG 120. Basic concepts, problems, and research techniques in musicology.

MUSM 110 Music for the Piano 3 hrs, 3 cr. Prereq: MUSM 101 or perm. inst. Piano literature from 18th century to present.

MUSM 212 Introduction to Opera* 3 hrs, 3 cr. Prereq: MUSM 101 or perm. inst. Study of operatic styles of composers such as Mozart, Verdi, and Wagner.

MUSM 217 Introduction to History of Jazz* 3 hrs, 3 cr. Prereq: MUSM 101 or perm. Inst. Survey of jazz from its origins to present.

MUSM 227 Master Composers 3 hrs, 3 cr. Prereq: MUSM 101 or perm. Inst. Study of works of single composer. Topics to be announced. May be taken 6 times.

MUSM 231 Folk and Traditional Music 3 hrs, 3 cr. Prereq: MUSM 101 or perm. Inst. Study of ethnic music of selected cultures.

MUSM 261 Special Topics in History and Literature of Music 3 hrs, 3 cr. Prereq: MUSM 101 or perm. Inst. Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times.

MUSM 308 Introduction to Electronic Music 3 hrs, 3 cr. Study of works, composers, and techniques of electronic music.

MUSM 353 Musical Cultures of World: Introduction to Ethnomusicology 3 hrs, 3 cr. Prereq: MUSM 120 or perm. Inst. Offered DiFa, ESp '83. Study of selected styles of ethnic music and non-Western art music.

MUSM 354 Music of Middle Ages and Renaissance 3 hrs, 3 cr. Prereq: MUSM 105 and MUSM 120 or perm. Inst. Offered DiFa, ESp '84. Study of music from beginning of Christian era to 1600.

MUSM 355 Music of the Baroque Period 3 hrs, 3 cr. Prereq: MUSM 105 and MUSM 223 or perm. Inst. Offered DiSp, ESp '84. Study of music from 1600 to 1750.

MUSM 357 Music of Classical Period 3 hrs, 3 cr. Prereq: MUSM 105 and MUSM 223 or perm. Inst. Offered DiFa, ESp '85. Study of music from 1720 to 1827.


MUSM 359 Music of Twentieth Century 3 hrs, 3 cr. Prereq: MUSM 105 and MUSM 223 or perm. Inst. Offered DiSp, ESp '83.

MUSM 360 Women in Music 3 hrs, 3 cr. Offered DiFa '82. Contributions of women in music composition and performance as well as in related musical fields.

MUSM 361 Special Topics in History and Literature of Music 3 hrs, 3 cr. Prereq: variable. Specialized study of selected genre, locality, period, style, composer, or problem. Topics to be announced. May be taken 6 times.

MUSM 498 Internship 1 to 6 cr per semester. Prereq: perm. chair. Internship in various arts institutions in New York City.

Theory of Music

MUSM 120 Fundamentals of Music Theory 3 hrs, 3 cr. Prereq: ability to read music; coreq: MUSM 180 and 190. Offered Fa. Notation of pitch, rhythm, intervals, scales, modes, triads, and seventh chords.

MUSM 121 Counterpoint 3 hrs, 3 cr. Prereq: MUSM 120; coreq: MUSM 180 and 190. Offered Sp. Two-voice counterpoint in 5 species. Introduction to imitation, canon, and invertible counterpoint.

MUSM 180 Solfege I 3 hrs, 2 cr. Coreq: MUSM 120 and 190. Offered Fa. Ear training and sight singing.

MUSM 181 Solfege II 3 hrs, 2 cr. Prereq: MUSM 180; coreq: MUSM 121 and 191. Offered Sp.


MUSM 191 Elementary Keyboard Studies II 2 hrs, 1 cr. Prereq: MUSM 190; coreq: MUSM 121 and 191. Offered Sp.


* Offered every semester.

MUSTH 282 Solfege III 3 hrs, 2 cr. Prereq: MUSTH 181; coreq: MUSTH 222 and 292. Offered Fa.

MUSTH 283 Solfege IV 3 hrs, 2 cr. Prereq: MUSTH 282; coreq: MUSTH 223 and 293. Offered Sp.


MUSTH 324 Advanced Harmonic and Contrapuntal Techniques I 3 hrs, 3 cr. Prereq: MUSTH 223. Offered DiFa. Harmony and counterpoint in historical and stylistic context.


MUSTH 331 Contemporary Techniques I 3 hrs, 3 cr. Prereq: MUSTH 223 or perm. inst. Offered DiFa. Twentieth-century compositional techniques, forms, and media.

MUSTH 332 Contemporary Techniques II 3 hrs, 3 cr. Prereq: MUSTH 331. Offered DiSp.

MUSTH 333 Composition* 3 hrs, 3 cr. Prereq: perm. inst. May be taken 4 times.

MUSTH 335 Orchestration 3 hrs, 3 cr. Prereq: MUSTH 223. Offered DiSp.

MUSTH 337 Choral Arranging 3 hrs, 3 cr. Prereq: MUSTH 222. Offered DiFa.


MUSTH 384 Solfege V 3 hrs, 2 cr. Prereq: MUSTH 283. Offered DiFa.


MUSTH 3844 Keyboard Accompaniment and Improvisation 3 hrs, 3 cr. Prereq: MUSTH 293.

MUSTH 461 Seminar in Music Theory 3 hrs, 3 cr. Prereq: variable. Topics to be announced. May be taken twice.

MUSTH 491 Honors Project 1 sem, 3 cr. Prereq: upper Jr/Sr, minimum music GPA of 3.5 and perm. chair. Individual project of large scope in music history, theory, composition, or performance.

MUSTH 492 Honors Project 1 sem, 3 cr. Prereq: MUSTH 491.

Performance of Music


MUSPF 121 Elementary Guitar I* 2 hrs, 1 cr. For nonmajors. Class lessons in guitar: basic techniques, tuning, reading chord charts, playing and transposing songs.

MUSPF 122 Elementary Guitar II 2 hrs, 1 cr. Prereq: MUSPF 121. Offered DiSp.

MUSPF 131 Elementary Piano* 2 hrs, 1 cr. For nonmajors. Class lessons in piano: basic techniques, playing simple pieces.


MUSPF 221 College Choir* 2 hrs, 1 cr. Open to all students. Study and public performance of major choral works. May be taken 8 times.

MUSPF 231 Hunter Symphony* 3 hrs, 1 cr. Prereq: audition and perm. inst. May be taken 8 times.

MUSPF 241 Strings I 2 hrs, 1 cr. Majors only. Prereq: MUSTH 180. Offered D/FA.

MUSPF 242 Strings II 2 hrs, 1 cr. Majors only. Prereq: MUSPF 241. Offered D/FA.

MUSPF 243 Woodwinds I 2 hrs, 1 cr. Majors only. Prereq: MUSTH 181. Offered D/FA.

MUSPF 244 Woodwinds II 2 hrs, 1 cr. Majors only. Prereq: MUSPF 243. Offered D/Sp.

MUSPF 245 Brass I 2 hrs, 1 cr. Majors only. Prereq: MUSTH 181. Offered D/Sp.

MUSPF 246 Brass II 2 hrs, 1 cr. Majors only. Prereq: MUSPF 245. Offered D/Sp.

MUSPF 291 Hunter Wind Ensemble* 3 hrs, 1 cr. Prereq: ability to play a band instrument. May be taken 8 times.

MUSPF 299 Dance Band* 3 hrs, 1 cr. Prereq: audition and perm. inst. Study and performance of popular forms of music for beginning singers and instrumentalists. May be taken 6 times.

MUSPF 349 Choral Conducting 3 hrs, 2 cr. Prereq: MUSTH 181; coreq: audit MUSPF 221. Offered D/FA.


MUSPF 351 Jazz Workshop* 2 hrs, 1 cr. Prereq: audition and perm. inst. Jazz performance and improvisation for advanced singers and instrumentalists. May be taken 6 times.

MUSPF 353 Collegium Musicum* 2 hrs, 1 cr. Prereq: audition and perm. inst. Study and public performance of solo and ensemble works from the medieval, renaissance, and baroque periods. May be taken 6 times.

MUSPF 355 Chamber Music Workshop* 2 hrs, 1 cr. Prereq: audition and perm. inst. May be taken 6 times.

MUSPF 401 Minor Instruction in Instrument or Voice 1 hr, 1 cr. Prereq: perm. dept. Outside private instruction in instrument or voice for performance minors. May be taken 8 times.

MUSPF 411 Instrumental Music Methods 3 hrs, 3 cr. 59-cr BS majors only. Offered D/FA. Preparation for organizing, developing, and directing ensembles and instrumental classes in public schools.

MUSPF 431 Major Instruction in Instrument or Voice 1 hr, 3 cr. 60-cr BMus majors only. Prereq: perm. chair. Intensive outside private instruction in instrumental or vocal techniques and repertory for performance majors. May be taken 8 times.

Individual Study

MUSIN 201, 202, 301, 302, 401, 402 Individual Study Project 1 to 3 cr per sem. Prereq: perm. Dept. Policy Committee by 12th week of preceding semester. Independent study on project of student's choice.

Courses not to be offered during 1982-1984:

MUSHL 203 Orchestral Music
MUSHL 204 Chamber Music
MUSHL 218 Masterworks of Choral Literature
MUSHL 219 The Art Song
MUSTH 329 Fugue
MUSTH 347 Electronic Music in Mixed Media I
MUSTH 348 Electronic Music in Mixed Media II
MUSPF 151 Foreign Language Diction for Singers

* Offered every semester.
Nursing

400 East 28 St., New York City, NY 10010

Dean (acting) Joyce Hope
Professors Bandman, Boykin, DeLorey, Magnus, Ramshorn, White
Associate Professors Campbell, Cortez, Duncan, Essoka, Gilbert, Gordon, Hope, Moccia, Quinn, Russo, Scuio, Serra, Wodolowski
Assistant Professors Davis, Gramse, Jacobsen, Lunney, Martin, Masters, Sayre, Shahan, Sliskiewicz, Smith-Robinson, Turner
Advisors (lower division) Office of Student Services, North Building room 106 (upper division) individually assigned

The Hunter–Bellevue School of Nursing is one of the largest and most prestigious nursing schools in the country. Its program of study combines liberal and professional education with a humanistic and comprehensive approach to health care. The School of Nursing offers a program leading to the Bachelor of Science (Nursing) degree. The undergraduate program has two pathways: the Generic Pathway, for those students who do not have an RN license, and the RN Pathway, for those who have completed a nursing program and have or are about to receive a current license to practice professional nursing in New York State. Applications to either program are available from Hunter College Admissions Office at 695 Park Ave, New York City 10021 or from CUNY Office of Admissions, 101 West 31 St, New York City 10001.

The undergraduate division consists of 2 component parts: lower division (general education) and upper division (professional education). Students are considered for admission to the School of Nursing for the fall semester only, and only after completing lower-division courses. Although a college GPA of 2.5 is the minimum requirement for consideration of an application, IT DOES NOT GUARANTEE ADMISSION INTO THE SCHOOL OF NURSING. The stronger the group of applicants in any given year, the higher the GPA needed for admission. A minimum grade of "C" is the required level for all nursing courses.

Graduates are awarded a BS (Nursing) degree and are eligible to take the NY Registered Nurse licensing exam. Hunter–Bellevue graduates are prepared to give first-level professional nursing care in all areas of nursing practice. The program also provides a foundation for graduate study at the Master's level, which is also offered at the School of Nursing.

Generic Pathway This program is designed to be completed in 4 academic years by students who are admitted with no college credit and who attend full-time. How long it takes a transfer or second-degree student to complete the program depends on such factors as the number of applicable transfer credits they have and the number of courses they take each semester. Generic Pathway students cannot earn the degree in the evening. Part-time attendance may result in the student's losing the place of the upper-division sequence and having to wait a year for a required course. Detailed fact sheets on the Generic Pathway are available from the Hunter College Office of Admissions, 695 Park Ave, NYC 10021.

RN Pathway This program is designed to meet the special needs of the experienced RN student who has already completed a 2- or 3-year nursing program. For details, interested RNs should request an RN Pathway Fact Sheet from the Hunter College Office of Admissions, 695 Park Ave, NYC 10021.

Distribution Requirements/Nursing-major Sequences Lower-division and upper-division course requirements are outlined below. Transfer students from other colleges will have their transcripts evaluated upon admission by the Office of the Registrar. Courses for which equivalency is granted need not be repeated. The lower-division sequence can be taken on a full- or part-time basis, but it must be fully completed before a student is admitted to the upper-division nursing sequence.

I. Lower Division

A. Natural Sciences and Mathematics ** (24 cr)
   1. Generic Pathway
      CHEM 100, 101, 120, 121. (Both lectures and labs must be successfully completed.) BIOL 120, 122, 230, STAT 113.
   2. RN Pathway
      STAT 113, BIOL 210, 211, 280, and 14½ credits of courses in biology, chemistry, physics, and math.

B. English Composition (3 cr) ENGL 120

C. Humanities: Literature (6 cr) ENGL 220, 250, or any 2 courses which fulfill category IV of the distribution requirement (see p 17).

D. Humanities (9 cr) 9 credits from among the disciplines listed under category V of the distribution requirement (see p 17).

E. Social Sciences (15 cr) All nursing students must take PSYCH 100 and 150. Also, they must take 9 additional credits from among the disciplines listed under category VI of the distribution requirement (see p 17).

F. Physical Education (1 cr) Any activity course listed in this catalogue.

G. Liberal Arts and Science Electives (6 cr) Students must take 6 cr in any liberal arts and/or science courses.

II. Upper Division

A. Nursing
   1. Generic Pathway (45 cr) NURS 200, 310, 312, 331, 332, 410, 412, 420.
   2. RN Pathway (45 cr) 24 cr of nursing by transfer or exam, plus NURS 380, 381, 480, 481, 482.

B. Nursing Electives
   Students must take 19 cr of electives; 9 to 10 of these credits must be earned in nursing electives. These offerings vary from semester to semester. Students should consult each semester's Schedule of Classes.

COURSE LISTINGS

NURS 200 Introduction to Nursing 3 hrs, 3 cr. Prereq: completion of lower-division sequence. Offered Fa. Introduction to conceptual framework of nursing curriculum.


NURS 312 Nursing II 19 hrs (4 lec, 15 lab) 9 cr. Prereq: NURS 200, 310. Offered Sp. Provides knowledge base for effective nursing care of client from late adolescence through adulthood.

** Students who have not successfully completed 1 year of high school physics are required to take 1 semester of college physics. Students who have not successfully completed 11th grade mathematics or passed Part I of the Hunter calculus readiness test will have to take MATH 120 prior to taking STAT 113. Students who must take physics and/or MATH 120 will use the courses to fulfill part of their elective requirement.
NURS 331 Essentials of Pharmacology 3 hrs, 3 cr. Prereq: completion of lower-division sequence. Presents essential pharmacological information for nursing clients of all ages.

NURS 332 Principles of Nutrition 2 hrs, 2 cr. Prereq: completion of lower-division sequence. Presents essential nutrition information for nursing clients of all ages.

NURS 380 Nursing Theory and Research* 4½ hrs, 4½ cr. Offered Fa. Introduction to theory development and research in nursing.

NURS 381 Health Assessment Throughout the Lifespan* 6 hrs (3 lec, 3 lab) 4½ cr. Prereq: NURS 380. Offered Sp. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.

NURS 410 Nursing III 19 hrs (4 lec, 15 lab) 9 cr. Prereq: NURS 200, 310, 312, 331, 332. Offered Fa. Provides a knowledge base for effective nursing care of middle-aged clients.


NURS 420 Independent Study in Nursing 3 hrs, 1 cr. Opportunity to explore area of interest in nursing. Independent clinical experience in health care setting.

NURS 480 Promotion of Wellness in the Community* 7½ hrs (3 lec, 4½ practicum) 4½ cr. Prereq: NURS 380, 381. Offered Fa. Examination of family and community patterns as they relate to individual clients of all ages.

NURS 481 Nursing and Societal Forces 3 hrs, 3 cr. Analysis of current issues and evolving trends in professional nursing.

NURS 482 Advancement of Roles and Relationships in Professional Nursing* 4½ hrs, 4½ cr. Prereq: NURS 380, 381, 480, 481. Offered Sp. Evaluation of roles of professional nurses in a variety of health care settings.

* Open only to RN Pathway students.

Philosophy

Department Office (old) North Building room 725 (new) West Building room 1413

Chair Charles Landesman

Professors Caaw, Finch, Held, Jourdain, Landesman, Sherover, Stambaugh

Associate Professors Lango, Muyskens, Sproul

Assistant Professors Freeman, Ross

Advisors (day) Charles Landesman (evening) Alice Jourdain, Charles Sherover

The courses offered by the Philosophy Department have two main purposes. First, they are designed to introduce students to the main problems that philosophers study—questions such as: "What can we know?" "What is the distinction between right and wrong action?" "Is there a God?" "What is the meaning of life?" "How are persons distinguished from things?" "What makes an argument valid?" "What is the meaning of 'meaning'?" "Is free will an illusion?" Second, they are intended to introduce students to the main ideas of such great thinkers as Socrates, Plato, Aristotle, Augustine, Aquinas, Descartes, Hume, and Kant.

Philosophy is one of the most important subjects a student can study because it develops the ability to reason clearly, to distinguish between good and bad arguments, to write thoughtful-

ly, and to use intelligence and logic to deal with problems all too often ruled by emotion and prejudice. Through the study of philosophy, students become acquainted with some of the most important works in world literature written by the most influential minds of the ages. The study of philosophy, either in individual courses or as a major or minor, is an excellent preparation for a variety of professions and occupations. Many students of philosophy pursue careers in law, business, medicine, and government. Others go on to study philosophy at the graduate level with the aim either of teaching philosophy or of obtaining an advanced degree to further their career objectives.

Distribution Requirement All philosophy courses except PHIL 492 and 494 may be used to satisfy category V (humanities) of the distribution requirement. Courses offered toward the major may not be applied to the distribution requirement, and no more than 6 credits of an approved minor may be applied toward the distribution requirement.

Major The major consists of 24 credits, at least 18 of which must be in courses numbered 200 or above. PHIL 110, 111, 116 do not count toward the major. A department advisor should be consulted on what courses are appropriate for students planning to take graduate work in philosophy.

Minor A philosophy major is permitted to minor in all programs that the College offers. Double majors are also permitted.

The First Course in Philosophy Students who desire a general introduction to philosophy should take PHIL 110. For a general introduction with an emphasis on ethics, students should select PHIL 116. For an introduction intended to develop skills in reasoning and writing, students should take PHIL 111. For those who want a survey of the history of philosophy, PHIL 240 and/or 241 should be selected. For an introduction with an emphasis on logic, students should select PHIL 120.

Honors Work Philosophy majors may become candidates for graduation with departmental honors by receiving permission to take PHIL 494.

Independent Study Students may engage in independent study under the supervision of a member of the Philosophy Department by receiving permission to take PHIL 492.

COURSE LISTINGS

I. Introductory Courses (offered each semester)

PHIL 110 Introduction to Philosophy 3 hrs, 3 cr. Examination of basic philosophical questions through study of selected philosophical classics.

PHIL 111 Logical Thinking 3 hrs, 3 cr. Introduction to the art of reasoning and of clear and critical thinking. Serves as foundation for work in various academic disciplines.

PHIL 116 Introduction to Ethics 3 hrs, 3 cr. Examination of standards of right conduct and the good life through study of selected philosophical classics.

PHIL 120 Introduction to Formal Logic and Scientific Method 3 hrs, 3 cr. Examination of foundations of deductive and inductive logic.

PHIL 240 The Great Philosophers: Ancient and Medieval 3 hrs, 3 cr. Comprehensive study of major philosophical thinkers, ideas, and movements from dawn of philosophy in ancient Greece to time of the Renaissance.

PHIL 241 The Great Philosophers: Modern and Contemporary 3 hrs, 3 cr. Comprehensive study of major philosophical thinkers, ideas, and movements from rise of modern philosophy in 17th century to the present.
II. Ancient, Medieval, and Eastern Philosophy

PHILO 202 Plato and His Predecessors* 3 hrs, 3 cr. Beginnings of Western philosophy, with emphasis on dialogues of Plato.

PHILO 204 Aristotle and His Successors* 3 hrs, 3 cr. Study of Aristotle’s major writings and of their influence on subsequent philosophy.

PHILO 206 Hellenistic and Early Medieval Philosophy* 3 hrs, 3 cr.

PHILO 208 Late Medieval and Renaissance Philosophy* 3 hrs, 3 cr.

PHILO 234 Asian Philosophies* 3 hrs, 3 cr. Readings from classics of Indian, Chinese, and Japanese philosophy drawn from traditions of Buddhism, Hinduism, Taoism, and Confucianism.

III. Modern Philosophy

PHILO 210 Foundations of Modern Philosophy* 3 hrs, 3 cr. Study of major writings of Bacon, Hobbes, Descartes, Spinoza, Leibniz, and Rousseau.

PHILO 212 Empiricism and the Enlightenment* 3 hrs, 3 cr. Major works of British empiricists [Locke, Berkeley, Hume] and their influence on 18th-century thought.

PHILO 215 Nineteenth-century Philosophy* 3 hrs, 3 cr. Study of major works of Hegel, Schopenhauer, Mill, Kierkegaard, Marx, and Nietzsche.

PHILO 220 Marxism* 3 hrs, 3 cr. Study of writings of Marx and Engels and of their followers and critics.

PHILO 222 J.S. Mill and Utilitarianism* 3 hrs, 3 cr. Study of the utilitarian tradition and its critics.

PHILO 224 Nietzsche* 3 hrs, 3 cr. Study of his major writings.

PHILO 225 American Philosophy* 3 hrs, 3 cr. Historical survey of major American philosophers such as Edwards, Emerson, Thoreau, Peirce, James, Royce, Santayana, and Dewey.

PHILO 314 Kant** 3 hrs, 3 cr. A study of some of Kant’s major writings.

PHILO 316 Modern Philosophical Idealism** 3 hrs, 3 cr. Study of major works of Fichte, Schelling, Hegel, Bradley, Royce, and their critics.

PHILO 318 Hegel** 3 hrs, 3 cr. Study of some of Hegel’s major writings.

IV. Contemporary Philosophical Movements

PHILO 228 Existentialism* 3 hrs, 3 cr. Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.

PHILO 326 Pragmatism** 3 hrs, 3 cr. Major thinkers in American pragmatism such as Peirce, James, Dewey.

PHILO 320 Contemporary Phenomenology** 3 hrs, 3 cr. Selections from writings of major phenomenologists such as Husserl, Heidegger, Sartre, and Merleau-Ponty.

PHILO 322 Contemporary Analytic Philosophy** 3 hrs, 3 cr. Selections from writings of major representatives of analytic philosophy such as Russell, Moore, and Wittgenstein.

V. Problems of Value and the Good Life

PHILO 114 Philosophical Ideas in Literature 3 hrs, 3 cr. Study of philosophical ideas exemplified in a selection of classics of world literature.

PHILO 118 Philosophy, Politics, and Society 3 hrs, 3 cr. Introduction to social and political philosophy.

PHILO 238 Philosophy and Education* 3 hrs, 3 cr.

PHILO 244 Moral Philosophy* 3 hrs, 3 cr. Study of selected problems in philosophical ethics and moral psychology.

PHILO 246 Social and Political Philosophy* 3 hrs, 3 cr. Study of selected philosophical problems in politics, law, economics, society.

PHILO 256 Aesthetics* 3 hrs, 3 cr. Study of philosophical issues that arise in our understanding and criticism of the arts. Topics include nature of expression, purpose and standards of criticism, and aesthetic value.

PHILO 282 Philosophical Responses to Current Issues 3 hrs, 3 cr. Prereq: variable. Philosophical significance of selected controversial issues in contemporary life.

PHILO 284 Problems of Law and Morality 3 hrs, 3 cr. Philosophy of law and the relation of legal to ethical issues.

PHILO 286 Feminism: Philosophical Theory and Practice 3 hrs, 3 cr. Analyses of feminist theories and their practical implications.

PHILO 288 Ethical Issues in Biology and Medical Care* 3 hrs, 3 cr.

VI. Problems of Knowledge, Mind, and Reality

PHILO 201 Knowledge and Reality 3 hrs, 3 cr. Introduction to main problems of theory of knowledge and metaphysics such as personal identity, grounds of justified belief, existence of God, nature of free will and causality.

PHILO 242 Philosophy of Religion 3 hrs, 3 cr. Prereq: one course in philosophy or religion. Philosophical examination of some religious questions and beliefs.

PHILO 248 Philosophical Psychology* 3 hrs, 3 cr. Views of human nature underlying some major contemporary schools of psychology such as Freudian psychoanalysis, behaviorism, existential psychoanalysis, Piaget’s developmental psychology.

PHILO 360 Metaphysics** 3 hrs, 3 cr. Study of major metaphysical views such as materialism, idealism, nominalism, and realism. The major question is: What is reality and how may it be known?

PHILO 362 Theory of Knowledge** 3 hrs, 3 cr. Study of origin, structure, methods, and foundations of human knowledge.

PHILO 364 Philosophy of Language** 3 hrs, 3 cr. Inquiry into philosophical significance of language, its structure, meaning, reference, and use.

PHILO 366 Philosophy of Mind** 3 hrs, 3 cr. Examination of concept of mind and person. Topics include thinking, intention, action, emotion, self-knowledge.

VII. Logic and the Philosophy of Science

PHILO 250 Philosophy and the Rise of Science* 3 hrs, 3 cr. Interaction of philosophy and scientific thought.

PHILO 252 Philosophy of History* 3 hrs, 3 cr. Study of foundations of historical knowledge and of theories about patterns of historical change.

PHILO 254 Introduction to Symbolic Logic 3 hrs, 3 cr. A systematic approach to deductive logic.

PHILO 355 Advanced Symbolic Logic 3 hrs, 3 cr. Prereq: Philo 254 or equiv.

PHILO 356 Philosophy of Logic** 3 hrs, 3 cr.

PHILO 368 Philosophy of Mathematics* 3 hrs, 3 cr.

PHILO 370 Philosophy of Science* 3 hrs, 3 cr. Study of foundations of knowledge in natural and social sciences.

VIII. Special Studies

PHILO 220 Topics in Philosophy 3 hrs, 3 cr. Prereq: variable. Topics discussed vary from semester to semester.

PHILO 338 Philosophical Systems 3 hrs, 3 cr. Prereq: variable. Study of writings of one or two major philosophers.

PHILO 378 Philosophical Problems 3 hrs, 3 cr. Prereq: variable. Study of one or more major philosophical problems.

PHILO 492 Readings in Philosophy 1 to 6 cr. Prereq: perm. chair. Independent study of philosophical works under faculty supervision.

PHILO 494 Honors Tutorial in Philosophy 3 or 6 credits, Prereq: perm. chair. Independent research and writing under direction of department’s Honors Committee.

PHILO 498 Internship Program 1 to 6 cr. Prereq: perm. chair. Philosophically relevant internship.

*Courses so marked require one course in PHILO as a prerequisite.

**Courses marked with 2 asterisks require 2 courses in PHILO as a prerequisite.
Physics and Astronomy

Department Office  (old) North Building room 1321  (new) 12th floor
Chair Robert A. Marino
Professors Cohen, Furst, Kalikstein, Kramer, Kritz, Lee Marino, Tryon
Associate Professors Bennick, Lawgren, Varley
Visiting Assistant Professor Holmes
Advisors (day) Kaiman Kalikstein (majors) Arnold Kritz (evening)
Edward Tryon (grad) Leon Cohen (pre-engineering) Bo Lawgren

Physics is the study of the basic interactions which govern the behavior of the universe as we know it. As such, a knowledge of physics is necessary for the proper understanding of any science, and, of course, it is an exciting field of study in its own right.

The department offers comprehensive training in physics that can lead to a teaching position, industrial, institutional, and government work, and graduate study. The major includes lecture courses, laboratory courses, and a chance for qualified students to participate in research with faculty members.

**Distribution Requirement** No more than 8 credits of the major or the minor may also be offered toward the distribution requirement. We suggest, but do not require, that students who are thinking of continuing the study of this subject on the doctoral level elect French, German, or Russian to meet the foreign language portion of the distribution requirement.

**Graduate Study** The Department of Physics and Astronomy offers a number of advanced courses, listed in the graduate catalogue, which give credit toward the degree of Master of Arts. Qualified undergraduate students may be admitted to these courses with the approval of the department chair.

**Accelerated BA/MA Program in Physics** This special program for a limited number of well-qualified students leads to a Bachelor of Arts and a Master of Arts degree. Students are offered the opportunity to quickly reach a level where they can stand in competition for admission into any doctoral program in physics. Such an opportunity and incentive is of special importance in a field where significant work is done by relatively young people. The program requires 124–126 credits (including the 26 credits required for a physics major BA degree and 30 credits from the graduate curriculum). Because this program requires a large number of physics courses, many of which have other physics courses as prerequisites, students in this program must begin taking physics courses in their first or second semester. Students should consult with the department chair, undergraduate advisor, or graduate advisor for details as early as possible.

**Physics for Non-physics Majors** A minimum of one year of physics is recommended for all majors in sciences and health sciences. Medical and dental schools also require one year of physics.

Students requiring one year of physics may take either the PHYS 110–120 sequence (4 cr each) or the PHYS 111–121 sequence (5 cr each). Although both sequences cover the same topics, PHYS 111–121 utilizes elementary calculus and meets for one additional lecture hour each week. It is recommended for science students and those pre-med students who satisfy the pre- or corequisite.

PHYS 101 (4 cr) should be taken only by pre-nursing majors and those who want a one-semester terminal course in physics.

**Major (26 cr)** The major consists of a minimum of 26 credits including the following:

A. General physics PHYS 111–121 (recommended). No more than 8 cr toward the major can be obtained from these courses.

B. Intermediate laboratory courses PHYS 225, 326, 427. (Students interested in teaching physics at a secondary school level may substitute PHYS 403 for 326 and 427 in their major sequence with departmental approval.)

C. Intermediate lecture courses PHYS 330, 334, 335.

D. MATH 150, 155, 250, and 254 are required, as well as one year of high school or college chemistry

Additional physics credits should be taken from 200- and 300-level lecture and laboratory courses and are strongly recommended for students planning physics or physics-related graduate studies. Courses that are not offered in a particular term may be taken as independent study courses on a tutorial basis by arrangement with the individual instructor and with the chair’s permission.

**Minor** 12 credits in biological sciences, chemistry, geology, mathematics, or another approved field selected after conference with the major advisor.

**Preparation for Teaching** In cooperation with the Division of Programs in Education, the Department of Physics and Astronomy provides opportunities for students to prepare for careers in teaching at the secondary level. Students who wish to qualify for New York City licensing or New York State certification should consult the Education statement in this catalogue.

Students preparing to teach physics and general science are advised to include the following courses or their equivalents in their undergraduate programs: MATH 253 or 254; CHEM 102, 103, 104, 105; ASTRO 100 or 181 or 182; GEOL 101; and BIOL 100. To prepare for teaching at the secondary level, the physics major must also take EDUC 365—Methods of Teaching in Secondary Schools. The complete course description is listed in the Education statement in this catalogue.

**Honors Work** The opportunity for students to do individual research (experimental or theoretical) is offered in courses PHYS 453 and 454.
Pre-Engineering Program

The College offers courses that will prepare the student in the first 2 years of study to pursue a career in engineering. Students planning to go into engineering should consult the pre-engineering advisor during pre-admission conference days and also at least once each semester.

This program is directed toward the degree of Bachelor of Science in Engineering. The courses offered are chosen so that students will have satisfied their first 2 years' requirement if they transfer to City College for their final 2 years.

Those students planning to go to an engineering school other than City College should see the pre-engineering advisor to work out a program suitable to their needs.

If by the end of the fourth semester students decide not to continue their engineering degrees and to remain at Hunter College, they become subject to the same requirements as other Hunter College students. Many of the courses taken in the pre-engineering program may be used to satisfy these requirements.

The courses of which the pre-engineering curriculum is comprised are as follows:

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* Skills courses will not be credited. For example, accounting, statistics, photography, drawing, musical instruments technique, non-literature courses, etc., are regarded as skills courses.

**COURSE LISTINGS**

PHYS 001 Problem Solving in the Sciences 4 hrs, 3 cr. (Transfer students may receive less than 3 cr, depending upon number of cr transferred.) Placement by College minimal proficiency examination. Use of algebra, graphs, functional analysis, trigonometry, and other tools in developing techniques for solving problems.

PHYS 100 Introduction to Physical Science 5 hrs (3 lec, 2 lab), 4 cr. Prereq: PHYS 001 or passing College proficiency examination exempting from PHYS 001. Offered TTT Program only. Study of crystals using techniques of both chemistry and physics.

PHYS 101 Introduction to Physical Science 5 hrs (3 lec, 2 lab), 4 cr. Prereq: PHYS 001 or passing College proficiency examination exempting from PHYS 001. TTT Program only. Study of selected topics from biology and geology.

ASTRO 100 Basic Concepts in Astronomy 4 hrs (2 lec, 2 lab), 3 cr. Prereq: PHYS 001 or passing College proficiency examination exempting from PHYS 001. Introductory 1-semester astronomy course designed for non-science majors.

PHYS 101 Study of Selected Phenomena and Basic Concepts of Physics (1-semester) 5 hrs (3 lec, 2 lab), 4 cr. Prereq: PHYS 001 or passing College proficiency examination exempting from PHYS 001. Introductory 1-semester introductory physics course designed for nursing majors and others requiring a 1-semester terminal course.

PHYS 110 General Physics: Introductory Course in Mechanics, Heat, and Sound 5 hrs (3 lec, 2 lab), 4 cr. Prereq: MATH 120 or equiv. by mathematics dept. exam. First semester of 2-semester introductory physics course using algebra.

PHYS 111 General Physics: Introductory Course in Mechanics, Heat, and Sound 6 hrs (4 lec, 2 lab), 5 cr. Prereq (or coreq with perm.): MATH 150. First semester of a 2-semester introductory physics course using calculus. For physics and other science majors.

PHYS 120 General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics 5 hrs (3 lec, 2 lab), 4 cr. Prereq: PHYS 110 or 111. Second semester of PHYS 110, a 2-semester introductory physics course using algebra.

PHYS 121 General Physics: Introductory Course in Electricity and Magnetism, Light, and Atomic Physics 6 hrs (4 lec, 2 lab), 5 cr. Prereq: PHYS 110 or 111. Prereq (or coreq with perm.): MATH 155. Second semester of PHYS 111, a 2-semester introductory physics course using calculus.

PHYS 225 Intermediate Physics Laboratory (first level) 4 hrs, 2 cr. Prereq: PHYS 120 or 121. Study of modern experimental techniques in variety of fields.

PHYS 326 Intermediate Physics Laboratory (second level) 4 hrs, 2 cr. Prereq: PHYS 225. Study of modern experimental techniques in variety of fields.

PHYS 330 Atomic and Nuclear Physics 4 hrs, 4 cr. Prereq: PHYS 120 or 121; prereq or coreq: MATH 250. Examines experimental evidence and develops modern view of structure of atom and nucleus.

PHYS 334 Intermediate Electricity and Magnetism 4 hrs, 4 cr. Prereq: PHYS 120 or 121; prereq or coreq: MATH 250. Study of basic principles and applications of electromagnetic theory.

PHYS 335 Intermediate Mechanics 4 hrs, 4 cr. Prereq: PHYS 120 or 121; prereq or coreq: MATH 250. Study of laws of motion and coordinate systems; introduction to powerful analytical techniques.

PHYS 336 Thermodynamics and Statistical Mechanics 4 hrs, 4 cr. Prereq: PHYS 120 or 121; MATH 250. Study of fundamental ideas of heat, reversibility, and entropy. Introduction to statistical nature of some physical laws.

PHYS 342 Optics 3 hrs, 3 cr. Prereq: PHYS 120 or 121; MATH 250. Study of lenses, mirrors, interference, diffraction, and polarization, as well as lasers, holography, and Fourier optics.

PHYS 401 Theoretical Physics 4 hrs, 4 cr. Prereq: PHYS 334, 335, MATH 254. Analysis of mathematical techniques for solving important types of physical problems from various fields.

PHYS 411 Theoretical Mechanics 3 hrs, 3 cr. Prereq: PHYS 335, Prereq or coreq: MATH 254. Classical mechanics of particles and rigid bodies; special relativity; Hamilton's formulation; Liouville's theorem.
Political Science

Department Office  (old) North Building room 940  (new) West Building room 1724

Chair Robert S. Hirschfeld
Professors ArRoy, Haylon, Hirschfeld, Massell, Riccardi, Richter, Shalais, Stoessinger, Vokomer, Zagoria
Associate Professors Erickson, Haight, Jaworskyl, Sherrill
Assistant Professors Tronto
Advisors  (day) Kenneth S. Sherrill  (evening) David E. Haight

No single statement captures the vital meaning of political science. It deals generally with the various political, social and cultural arrangements through which people govern their lives. It attempts to interpret the past, explain the present, and often dares to draw images of the future. As a field of study, it reaches to many levels, from the evolution of political philosophy to the problems of development in emerging nations, from the crisis of urban government in America to the organization of states in the international arena. In short, its centers of interest are broad and varied.

Most people think of politics in terms of political parties and voting. Political science is interested in both of these subjects. It is also interested in many other areas as well. In the department you will find courses in how children learn about the political world, the ideas of great thinkers from Plato to Marx, the problems of cities, the role of minority groups, problems of war and peace, the way in which American presidents make crucial decisions, the foreign policy of Russia, China, the United States and many other countries, the development of communism, and many other subjects. Students can specialize in one or more subfields or sample from a number of them.

A large number of political science majors choose some branch of public service upon completing their bachelor's degree. Many go into teaching. Others enter the civil service or become city planners. Some enter business. Others go to work in journalism. Still
others enter politics or go on to law school or graduate training. Political science, therefore, prepares students for a variety of career opportunities.

**Distribution Requirement** All POLSC 100-level (and in special cases, with permission of the department, certain 200- and 300-level courses) fulfill the social science (category VI) distribution requirement. No more than 6 credits in political science may be used to fulfill the distribution requirement.

**Major** (28 cr) Majors are required to take at least one course in each of the four following subfields of the discipline: American government, political theory, international relations, and comparative politics. Majors are advised to take at least 2 introductory courses prior to enrollment in advanced courses. Courses in which the student receives a grade of CR ("Credit") cannot be credited toward the major. No more than 9 credits toward the minimum of 24 credits required for the major may be taken in Selected Topics/Contemporary Issues courses at the 200 level (i.e., POLSC 204, 217, 272, 273).

All political science majors must take MEDIA 180 in the Communications Department. This may be used toward the humanities requirement (category V).

**Minor** 12 credits in one or 2 other departments in areas related to the major. Credits satisfying the requirement for the distribution requirement will not be counted toward the minor. The minor must be approved by the Political Science Department.

**Interdepartmental Fields** Students wishing to do work in political science as part of the interdepartmental fields in Russian area studies, Inter-American affairs, energy policy studies, women’s studies, and Jewish social studies should refer to the appropriate descriptions in this catalogue.

**Preparation for Teaching** In cooperation with the Division of Programs in Education, the Department of Political Science provides opportunities for students to prepare for a career in teaching at the secondary and elementary levels. Students who wish to qualify for New York City licensing or New York State certification should consult the Programs in Education statement in this bulletin. It is possible to complete a major in political science and at the same time to satisfy the requirements for the New York State secondary certification in social studies. For details, students should consult with the Department of Political Science advisor.

**Preparation for Law** A substantial number of majors in political science intend to go on to law school. For information on law school requirements, and on relevant courses in political science as well as in other departments, consult with the College pre-law advisor.

**Preparation for Public Service** The department is developing an array of undergraduate courses in public administration and public policy designed to help students acquire the skills necessary for effective participation in the public decision-making process and to prepare them for entry-level positions in governmental or political activities. For further information, please contact the department office, POLSC 241—Managing American Government and POLSC 346—Public Administration and Public Policy are recommended for students interested in this field.

**Honors Work** POLSC 492 is part of the requirement for graduation with departmental honors. Students may apply 6 credits of honors work toward the major.

**Seminar/Internship Program in New York City Government** This university-wide program is designed to bridge the gap between academic study and the practical world of city government. Each year approximately 300 students are selected as CUNY interns. Hunter College students participate by enrolling in POLSC 411 and 412. Interns spend 8 to 10 hours a week in City agencies, political offices, or community groups working on administrative or research assignments related to urban affairs and city services. They attend a weekly classroom seminar at Hunter and monthly meetings of the entire Program at the University Graduate Center. Prominent government officials, political leaders, community representatives, and academic experts participate in both the weekly and monthly meetings. For further information, consult the Political Science Department.

**Preparation for Graduate Study** Students who intend to go on to graduate school should consult with graduate advisors. Qualified students in their senior or junior year may be admitted to some graduate courses with the approval of the department chair.

**COURSE LISTINGS**

**Introductory Courses**

Each of the following 6 introductory courses is intended to acquaint the student with a particular segment of political science. Each will fulfill 3 credits of the distribution requirement in the social sciences.

- **POLSC 111 Introduction to American Government and Politics** 3 hrs, 3 cr. President, Congress, Supreme Court, Constitution, politics, parties, pressure groups.
- **POLSC 112 Introduction to Political Theory** 3 hrs, 3 cr. Selected texts of great political thinkers. Persisting problems of politics from Plato to present.
- **POLSC 113 Introduction to Democratic Government and Politics** 3 hrs, 3 cr. Comparative analysis of democracies around the globe. US, Canada, Europe, India, Japan, Third World, and socialist democracies.
- **POLSC 114 Introduction to Government and Politics in the Third World** 3 hrs, 3 cr. Political institutions, social structure, nationalism, ideology, revolution, colonialism, neo-colonialism.
- **POLSC 115 Introduction to International Politics** 3 hrs, 3 cr. Diplomacy, power, war, peace, terrorism, nationalism, imperialism, the UN, structures and processes of world politics.
- **POLSC 116 Introduction to Communist Political Systems** 3 hrs, 3 cr. Soviet Union, China, Cuba, Yugoslavia, Eastern Europe, other communist systems. Theory and practice of communism.

**American Government and Politics**

- **POLSC 211 State Government and Politics** 3 hrs, 3 cr. Comparative analysis of state governments. Power and role of governors, state legislatures, parties, lobbies.
- **POLSC 212 Urban Politics** 3 hrs, 3 cr. Politics in New York City and other urban areas. Decentralization, suburbanization, race, ethnicity, reform.
- **POLSC 213 Political Parties and Elections** 3 hrs, 3 cr. Organization campaigns, nominations, voting behavior, issues, finances, reform.
- **POLSC 215 Public Opinion and Political Participation** 3 hrs, 3 cr. What American people think about politics and how they express it, from polls to elections to demonstrations.
- **POLSC 217 Contemporary Issues in American Politics** 3 hrs, 3 cr. May be taken twice for credit toward major. Selected topics. Recent examples: the 1960's, women and law, energy crisis, political communication.
- **POLSC 218 Women and Political Change** 3 hrs, 3 cr. Constitutional and legal position of women, ERA, affirmative action, marriage, divorce, property, feminist causes.
- **POLSC 230 The American Presidency** 3 hrs, 3 cr. Selection, election, role, functions, and powers of President.
POLSC 235 The American Congress 3 hrs, 3 cr. Legislation and policy-making process. Congressional organization, functions and behavior. Lobbying, parties, leaders.

POLSC 238 The American Legal System 3 hrs, 3 cr. Civil and criminal law, common law and equity, substantive and procedural law. Emphasis on federal and New York law.

POLSC 240 The American Judiciary 3 hrs, 3 cr. Supreme Court and other federal courts as part of policy-making process in American government.

POLSC 241 Managing American Government* 3 hrs, 3 cr. Organizing and controlling governmental agencies, with emphasis on efficiency and equity, problems, and reforms.

POLSC 274 American Foreign Policy 3 hrs, 3 cr. Personalities and processes in making, administering, and controlling our foreign policy.

POLSC 320 Ethnic Politics 3 hrs, 3 cr. Ethnicity in local and national politics. Major groups, how they affect government, what government does for them.


POLSC 340 Constitutional Law 3 hrs, 3 cr. Prereq: POLSC 111 or 238. Basic constitutional problems and Supreme Court decisions. Federalism, judicial review, separation of powers, foreign policy.

POLSC 341 Civil Rights in the United States 3 hrs, 3 cr. Prereq: POLSC 111 or 238. Constitutional problems and Supreme Court decisions regarding race and sex discrimination.

POLSC 342 Freedom of Thought and Communication 3 hrs, 3 cr. Prereq: POLSC 111 or 238. Constitutional problems and Supreme Court decisions regarding freedom of speech, press (media), and assembly. Both midterm and final examination are essay-type exams.

POLSC 343 Criminal Law 3 hrs, 3 cr. Prereq: POLSC 111 or 238. Constitutional problems and judicial decisions regarding search and seizure, right to counsel, self-incrimination. Both midterm and final examination are essay-type exams.

POLSC 348 Public Administration and Public Policy* 3 hrs, 3 cr. Analysis of problems in policy-making and administration, focusing on motivations, ethics, authority.

POLSC 369 Political Socialization 3 hrs, 3 cr. Not offered '82-'84. Development of political attitudes in children. Identity, nationalism, partisanship, efficacy, participation, obedience.


Political Theory

POLSC 201 Great Political Ideas: Plato Through Rousseau 3 hrs, 3 cr. Study of concepts of human nature, justice, order and revolution through works of classical theorists.

POLSC 202 Great Political Ideas: Liberty and Its Enemies 3 hrs, 3 cr. Liberty and equality: their advocates and enemies from American and French Revolutions through 20th-century revolutions.

POLSC 204 Contemporary Issues in Political Theory 3 hrs, 3 cr. Topics vary each semester. They have included democracy in America, totalitarianism, liberty, and authority.

POLSC 205 Research Design in Political Science 3 hrs, 3 cr. Prereq: MATH 101 or passing College proficiency examination in math or perm. inst. Uses Social Sciences Data Lab. Offered Fa. Public opinion surveys, content analysis, legislative roll-call analysis, census data, election returns. Introduction to statistics.

POLSC 207 Data Analysis in Political Science 3 hrs, 3 cr. Prereq: POLSC 206 or perm. inst. Uses Social Science Data Lab. Offered Sp. Computer applications and statistical analysis in political science. Students write a quantitative term paper.

*Courses so marked are of particular interest to students planning a concentration in Public Administration and Public Policy.

POLSC 201 American Political Thought 3 hrs, 3 cr. Federalists, utopians, pragmatists, reformers, pluralists, liberals, conservatives, radicals.

POLSC 303 Democracy and Dictatorship 3 hrs, 3 cr. Communism, fascism, democracy. Major political doctrines of 20th century in theory and practice.


POLSC 308 Marxism and Post-Industrial Societies 3 hrs, 3 cr. Relevance of Marxist theory to modern societies. Attention paid to science, technology, manipulation, apologists.

Comparative Politics

POLSC 252 Governments and Politics in the Caribbean 3 hrs, 3 cr. Colonial heritage and American presence. Political institutions, cultural diversity, and economic dependency.

POLSC 253 Governments and Politics in Latin America 3 hrs, 3 cr. Ideology, revolution, institutions, class structure, distribution of wealth and power, political and economic development.

POLSC 254 Governments and Politics in Western Europe 3 hrs, 3 cr. Theory, practice, institutions, and problems of noncommunist European nations (Britain, France, Germany, etc.).

POLSC 255 Governments and Politics of Japan and Korea 3 hrs, 3 cr. Not offered '82-'84.

POLSC 256 Governments and Politics in South and Southeast Asia 3 hrs, 3 cr. Political, economic, and social institutions of India, Cambodia, Viet Nam, Indonesia, Thailand, etc.

POLSC 257 Government and Politics of China 3 hrs, 3 cr. Chinese communist political theory, institutions, and foreign policy.

POLSC 258 Governments and Politics in the Middle East 3 hrs, 3 cr. Introduction to Islamic societies and their politics with particular attention to cultures of region.

POLSC 259 Government and Politics of Israel 3 hrs, 3 cr. Historic evolution of Jewish state and its political system, social issues, and foreign policy.

POLSC 265 Governments and Politics in Eastern Europe 3 hrs, 3 cr. Political, social, and economic institutions of individual Eastern European nations and their relations with USSR.

POLSC 267 The Politics of Southern Africa 3 hrs, 3 cr. Political, economic and social institutions in Zimbabwe, Kenya, Nigeria, Tanzania, South Africa, etc.

POLSC 269 Governments and Politics of Northern Africa 3 hrs, 3 cr. Political, economic, and social institutions in Algeria, Tunisia, Morocco, Libya, etc.

POLSC 272 Contemporary Issues in Comparative Politics 3 hrs, 3 cr. Selected topics in comparative politics. Past topics included comparative communism, Middle East foreign policy.


POLSC 351 Government and Politics of the Soviet Union 3 hrs, 3 cr. Power and ideology in Soviet politics. Party and state; coercion and persuasion; class and minority policy; human rights.

International Politics

POLSC 271 International Politics in the Americas 3 hrs, 3 cr. Imperialism and dependency in Latin America, US public and private agencies, international organizations.

POLSC 273 Contemporary Issues in International Politics 3 hrs, 3 cr. Special issues in international politics. Past topics included the international law of energy, world water resources, war.

POLSC 274 American Foreign Policy 3 hrs, 3 cr. Personalities and processes in making, administering, and controlling our foreign policy. Crises and dilemmas.
POLSC 275 Statecraft and Diplomacy 3 hrs, 3 cr. International system in operation. Formal and informal modes of behavior among Latin states.

POLSC 371 International Organizations 3 hrs, 3 cr. Powers, functions, and effectiveness of international institutions; emphasis on United Nations and regional organizations.

POLSC 375 International Law 3 hrs, 3 cr. Case studies on nature, sources, practices, and efficacy of international law, principles, and rules.

Special Programs


POLSC 413, 414 Seminar/Internship in Comparative and International Politics 2 sems, 4 hrs, 4 cr each sem. Prereq: perm. dept. Practical experience in international organizations. Weekly meetings.

POLSC 480 Seminar in Selected Problems of Political Science 3 hrs, 3 cr. Prereq: perm. dept., Jr/Sr only. Advanced seminar on selected topics.


POLSC 486 Senior Colloquium 3 hrs, 3 cr. Prereq: perm. dept. Advanced seminar. Major project and/or paper required.

POLSC 490 Independent Study Prereq: perm. instr.

POLSC 492 Honors Required for departmental honors. Prereq: perm. dept. and instr.

Psychology

Department Office (old) North Building room 620 (new) 6th floor

Chair Stanley Novak

Professors Danmark, Gordon, Gourevitch, Kauffmann, Korn, Krauss, Mollet, Rettig, Thompson, Topoff, Turkelwitz, Weiss, Zeigler, Zippel

Associate Professors Chase, Fried, Gelernt, Harding, Klass, Mandriota, Manning, Novak, Seegmiller, van Laar

Assistant Professors Barr, Chodorow, Davage, Kestenbaum, Rabinowitz, Slocinower

Advisors (day) Vita Rabinowitz (evening) Bonni Seegmiller

The Hunter College psychology program spans the diverse areas of psychology from experimental, biopsychological, and physiological to clinical, social, and developmental.

Although we are a large department, students have personal contact with faculty through an extensive advisement system, involvement in departmental activities and committees, supervised field placement, and through experience in research laboratories under the guidance of a faculty mentor as part of our independent study and honors programs.

Our doctoral program in biopsychology and our master's program, which focuses on applied clinical and social psychology, attract highly qualified faculty, offer opportunities for undergraduates to interact with graduate students, and provide a broad range of research options within the department. Qualified students in their senior year may be admitted to some graduate courses with the approval of the instructor and the department chair. Our affiliation with the American Museum of Natural History permits undergraduates to join in research involving such species as electric fish, eels, and ants both in the field and at the Museum.

Departmental affiliation with many mental health and community organizations makes it possible for students to integrate their academic studies of personality, abnormal, and child psychology with supervised practical experience during field placement.

The psychology major—as part of the bachelor's degree program—prepares the student for many career possibilities in education, social and welfare services (e.g., welfare caseworker, adoption and foster-care worker), health services (e.g., psychology technician, community health educator, occupational therapist), and in industry (e.g., public relations worker, market research worker, personnel interviewer).

A background in psychology combined with special training in other disciplines may be especially useful in preparing for such other careers as nursing, speech pathology, social work, special education, counseling, music therapy, and dance therapy. Our undergraduate and graduate advisors can provide students with additional guidance and information regarding these and other career opportunities.

Special Programs

The MARC Program The Departments of Psychology, Anthropology, and Sociology jointly offer a program called MARC (Minority Access to Research Careers). This interdisciplinary research training program for talented minority juniors and seniors is funded by the Alcohol, Drug Abuse, and Mental Health Administration of the National Institutes of Mental Health. Participants receive a monthly stipend, tuition and fee remission; they take a special curriculum and get individualized research training in a variety of areas under the supervision of a faculty mentor. The program has several levels of participation, and all minority students—especially freshmen and sophomores—intending to pursue a research-related career in the participating disciplines are urged to register with the program. Additional details and descriptive literature are available from the MARC program advisor in the Psychology Department.

Field Placement Program Offered as a 2-semester sequence, Psychological Services Land II (PSYCH 306 and 307) give enrolled students practical supervised career experience one day per week in an approved mental health or community service setting.

Distribution Requirement We suggest, but do not require, that students who intend to continue the study of psychology on the doctoral level elect Russian, German, Spanish, or French to meet the foreign language portion of the distribution requirement. Of particular relevance to psychology majors are courses in anthropology, biology, chemistry, mathematics, physics, and sociology.

Exemptions A student may be exempt from PSYCH 100 by passing an examination (CLEP) given at various testing centers. Interested students should contact the Office of Student Services for further details and application forms. A passing grade provides 3 credits.

Psychology Major The major consists of 26 credits in psychology, including PSYCH 206 (Statistical) and PSYCH 304 or 305 (Experimental Psychology) with at least 9 credits at or above the 300 level (including experimental psychology) and not more than 6 credits at the 100 level.

Minor A minor consists of 12 credits in an area or areas related to the major. Psychology majors may elect their 12 credits from anthropology, biology, chemistry, physics, physiology, political science, sociology, or statistics. Other minors may be granted after consultation with the department chair or faculty advisor. The department does not control the choice of courses for the minor, but advisors may suggest groups of courses especially suited to the students' interests and career goals.
PSYCH 100 Introduction to Psychology 3 hrs, 3 cr. Normal and disorder-
ed individual behavior and group processes; biological and social bases.

PSYCH 140 Psychology of Adjustment 3 hrs, 3 cr. Prereq: PSYCH 100. Styles of adjustment; social interaction; self-concept and self-esteem; stress management; alienation; failures of adjustment.

PSYCH 150 Human Development 3 hrs, 3 cr. Prereq: PSYCH 100. Development from infancy through the senior years; biological, physiological, social factors at each age.

PSYCH 160 Evolution and Behavior 3 hrs, 3 cr. Prereq: PSYCH 100. Ag-
gression, sleep, etc., in human and other species; underlying mechanisms, development, evolutionary history.

PSYCH 170 Psychology of Human Sexuality 3 hrs, 3 cr. Prereq: PSYCH 100. Psychological foundations, sexual development and response pat-
terns; male and female roles; attitudes, legal issues.

PSYCH 180 Brain and Behavior 3 hrs, 3 cr. Prereq: PSYCH 100. Brain structure, function, and relation to behavior. Topics include perception, consciousness, motivation, emotion.

PSYCH 185 Special Topics in Psychology 3 hrs, 3 cr. Prereq: PSYCH 100. Readings and discussions on a selected problem or topic area. Topics vary from semester to semester.

PSYCH 201 Independent Study in Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses and perm. Inst. Independent readings, tutorials, research project, or participation in ongoing research, culminating in a written report.

PSYCH 206 Statistical Methods in Psychological Research 4 hrs, 4 cr. Prereq: PSYCH 100 and minimal Hunter College proficiency in mathemat-
ics. Analysis and interpretation of quantified data. Descriptive and inferen-
tial statistics applied to psychological research.

PSYCH 210 Child Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Emotional, social, motor, and cognitive development as influenced by genetic, cultural, and individual factors. (Not open to education minors.)

PSYCH 215 Strategies of Psychological Inquiry 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Evaluation of published research, research principles, underlying concepts, methodological alternatives.

PSYCH 220 Personality 3 hrs, 3 cr. Prereq: 8 cr in PSYCH courses. Re-
view of methods of assessing and understanding individual personality; of contributions to understanding of normal personality by Freudian and other analytic schools; of Allport and of constitutional typologists.

PSYCH 222 Abnormal Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Consideration of psychological abnormalities; symptoms, etiol-
ogy, diagnostic procedures, and therapy.

PSYCH 230 Social Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Theories and research on social perception, attitudes and prejudice, leader-
ship, group processes.

PSYCH 235 The Psychology of Women 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Psychological functioning, sexuality, pregnancy, social roles and status, aging, achievement, life styles, power.

PSYCH 240 Applications of Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Business and law, consumer research, personnel selection and training, morale in industry, safety programs, testimony.

PSYCH 250 Physiological Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Neural and endocrine mechanisms involved in learning, emotion, perception, other psychological processes.

PSYCH 255 Biopsychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses or perm. Inst. Adaptation, survival, reproduction, and evolution of behavior emphasizing development and species-comparison.

PSYCH 270 Cognitive Processes 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Theoretical issues and research pertaining to coding memory, problem solving, language, attention, perception.

PSYCH 280 History of Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Introspective, behavioral, gestalt, psychoanalytic, and related viewpoints developed from early philosophic roots.

PSYCH 290 Sensation and Perception 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Stimulus detection, encoding, and perception as a function of variables including current stimuli and past history.

PSYCH 295 Special Topics in Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses or perm. Inst. Readings and discussion on a selected problem or topic area. Topics will vary from semester to semester.

PSYCH 304 Experimental Psychology: Social 6 hrs (2 lec, 4 lab), 4 cr. Prereq: PSYCH 206. Research and experimental techniques relevant to social behavior. Reports involve laboratory and field exercises.

PSYCH 305 General Experimental Psychology 6 hrs (2 lec, 4 lab), 4 cr. Prereq: PSYCH 206. Research and experimental techniques in study of behavior. Reports involve variety of laboratory exercises.


PSYCH 307 Seminar in Psychological Services II 3 hrs, 3 cr. Prereq: PSYCH 306 and perm. Inst. Integration of personality and abnormal psychology. Seminar and placement in mental health/community service setting.

PSYCH 309 Sex and Behavior 3 hrs, 3 cr. Prereq: 6 cr in PSYCH at or above the 200 level or perm. Inst. Sex-related behavior in human and non-
human animals, emphasizing evolutionary and neuroendocrinological problems.

PSYCH 310 Research Methods and Special Problems in Child Develop-
ment 4 hrs (2 lec, 2 lab), 3 cr. Prereq: PSYCH 210 and perm. Inst. Theory and research in child development, with laboratory exercises in selected problems.

PSYCH 312 Psychology of Exceptional Children 3 hrs, 3 cr. Prereq: PSYCH 150 or 210 or EDUC 209. Adjustment and training of the gifted, as well as intellectually, emotionally, and physically handicapped.


PSYCH 326 Psychoanalytic Theories 3 hrs, 3 cr. Prereq: PSYCH 220. Historical, theoretical, empirical approaches. Evaluation and integration with learning and ethical theory.

PSYCH 327 Motivation 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses at or above the 200 level or perm. Inst. The problem of how behavior is initiated, maintained, directed, terminated. Human and non-human research evaluated.

PSYCH 328 States of Consciousness 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses at or above the 200 level. Consciousness and means by which it may be altered; hypnosis, dreams, drugs, meditation, and mysticism; psychosis.

PSYCH 350 Learning Theory 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses at or above the 200 level or perm. Inst. Human and animal learning; system-
atic theory and methodology; historical and contemporary major theories.

PSYCH 361 Psychological Tests 3 hrs, 3 cr. Prereq: PSYCH 206. Measur-
gen ability, aptitude, achievement, interest, personality. Appraisal of psychological tests.

PSYCH 369 Drugs and Behavior 3 hrs, 3 cr. Prereq: PSYCH 250 or perm. Inst. Neurochemical substrate of brain functioning. Historical context and social ramifications of drug use.

PSYCH 395 Special Topics in Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses at or above the 200 level or perm. Inst. Readings and discussion on selected problem or topic area. Topics vary from semester to semester.

PSYCH 399 Independent Research in Psychology 3 hrs, 3 cr. Prereq: PSYCH 304 or PSYCH 305 or special perm. Inst. Independent reading, tutorials, research project, or participation in ongoing research, culminat-
ing in written report.

PSYCH 490 Honors in Psychology 3 hrs, 3 cr. Prereq: PSYCH 304 or 305; psychology GPA 3.5; general GPA 3.0; perm. Inst. Independent sponsored research and seminar. Up to 2 terms. Research report required.

PSYCH 495 Special Topics in Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses at or above the 200 level or perm. Inst. Readings and discussion on selected problem or topic area. Topics vary from semester to semester.
Religion

Program Office (old) North Building room 624 (new) West Building room 1236

Coordinating Committee: Cuddihy (Sociology), Elder (co-chair, Religion), Green (Classical & Oriental Studies), Maienfelder (Anthropology), Muyssens (Philosophy), Richards (Black & Puerto Rican Studies), Seltzer (History), Sproul (co-chair, Religion)

In the Program in Religion, students examine the nature of religion and the forms its various expressions have taken. Religion is studied as an academic discipline, and the program's approach reflects no doctrinal bias. The purposes of the program are to introduce the field of religion in general; to present the thoughts, documents, and history of major religious traditions (both Eastern and Western, ancient and modern, missionary and tribal); and to give students insight into specific religious issues and thinkers.

The Program in Religion consists of a series of core courses taught by specialists in the field, augmented by other religion courses offered by staff in 10 participating departments or divisions: anthropology, Black & Puerto Rican studies, Chinese classics, English, geography, Hebrew, history, philosophy, and sociology. The program is divided into 5 categories of courses:

I. Introduction to the field of religion (basic introductory courses);

II. Theoretical studies in religion (courses focusing on different methodological approaches to the study of religion);

III. Issues in religion (courses dealing with religious experience, faith, ethics, religion and the arts);

IV. Religious traditions (courses in major religious traditions);

V. Related courses.

Upon graduation, many religion majors go on to graduate school to study specific traditions, languages, and methods; they are then prepared to teach in the field. Some students enter seminary to prepare for work in religious institutions. Still others find that the study of religion is essential for understanding one's personal view of life and the life of culture generally, no matter what one's career goals happen to be.

Distribution Requirement Any REL prefix course, with the exception of REL 410 and 490, will fulfill the distribution requirement in humanities (category V of distribution requirement). No courses offered toward the fulfillment of the major or minor in religion can also be used to fulfill the distribution requirement.

Major (24 cr) At least 18 cr are to be taken from the following four categories: I. introduction to the field of religion; II. theoretical studies in religion; III. issues in religion; and IV. religious traditions. Normally, both introductory courses (REL 110, 111) must be taken and followed by at least one course in theoretical studies, one in religious issues, and one in religious traditions. No more than 2 courses from category V (related courses) may be applied toward the major.

Upon becoming a major, the student, in consultation with the chair, will select one member of the Program in Religion staff as his or her major advisor. Each religion major is required to consult with this advisor at least twice a year.

Minor Religion majors may minor in any discipline at Hunter which has a major or in Education.

COURSE LISTINGS

I. Introduction to the Field of Religion

REL 110 Nature of Religion 3 hrs, 3 cr. Study of basic facets of religion: God, ethics, worship, faith, myth, ritual, symbolism, etc.

REL 111 Approaches to Religion 3 hrs, 3 cr. Different understandings of religion: sociological, anthropological, psychological, philosophical, theological.

II. Theoretical Studies in Religion

ANTHC 307 Anthropology of Religion 3 hrs, 3 cr. Emphasis on non-Western societies, theories of religion and ritual; functions and symbolic meanings.

GEOG 348 Geography of Religion 3 hrs, 3 cr. Prereq: GEOG 101 or REL 110 or 111 or perm. inst. Geographic views of religion and religious phenomena. Origin, diffusion, distribution; pilgrimages, environmental impact.

PHILO 242 Philosophy of Religion 3 hrs, 3 cr. Prereq: 1 course in philosophy or religion. Philosophical examination of religious questions and beliefs.

SOC 205 Sociology of Religion 3 hrs, 3 cr. Prereq: SOC 121 or perm. inst. Comparative functional study of religion in human societies. Analysis of beliefs, myths, and sacred attitudes.

REL 305 Theoretical Studies in Religion 3 hrs, 3 cr. Offered at discretion of the program. Specialized study of a methodological approach to study of religion. Different topic each time offered.

III. Issues in Religion

REL 204 Religious Experience 3 hrs, 3 cr. Cross-cultural analysis of religious experiences: Biblical, ancient Greek, Asian, modern Western.

REL 205 Contemporary Religious Thought 3 hrs, 3 cr. Examination of question of faith or disbelief in modern Western thought.

REL 207 Religious Sources for Morality 3 hrs, 3 cr. Religious reasons for determining good and evil; religious sources for ethical decisions.

REL 306 Issues in Religion 3 hrs, 3 cr. Offered at discretion of the program. Study of particular religious topics or thinker. Different subject each time offered.

REL 307 Religious Ideas in Modern Fiction 3 hrs, 3 cr. Exploration of religious themes in modern fiction.

REL 308 Religion and the Arts 3 hrs, 3 cr. Offered at discretion of the program. Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.

REL 310 Religious Meaning of Death 3 hrs, 3 cr. Exploration of death as posing man's profoundest problem with meaning. Material is crosscultural and interdisciplinary.

IV. Religious Traditions

REL 251 Eastern Religions 3 hrs, 3 cr. Study of Hinduism, Buddhism, Jainism, Taoism, and Confucianism.

REL 320 Hinduism 3 hrs, 3 cr. Study of Hinduism, its development, history, literature, philosophy, and religious practices.

REL 321 Buddhism 3 hrs, 3 cr. Study of Buddhism, its development, history, literature, philosophy, and religious practices.

PHILO 234 Asian Philosophies 3 hrs, 3 cr. Prereq: 1 course in philosophy or perm. inst. Readings from classics of Indian, Chinese, and Japanese philosophy drawn from the traditions of Buddhism, Hinduism, Taoism, and Confucianism.

BLPR 220 Afro-American Humanism 3 hrs, 3 cr. Investigation into nature and expression of unique ethos which made for survival of Afro-American humanity.

REL 325 Seminar in Religious Traditions 3 hrs, 3 cr. Offered at the discretion of the program. Specialized study of specific religious tradition or group of traditions. Different topic each time offered.

REL 410 Independent Study in Religion Hrs TBA, 1 to 6 cr. Prereq: perm. chair; majors only. Individual research and writing on topic in religion under supervision of a religion professor.

REL 490 Honors Tutorial in Religion Hrs TBA, 3 or 6 cr. Prereq: perm. chair; majors only. Individual research and writing on topic in religion under supervision of Religion Honors Committee.

V. Related Courses

ANTHC 306 Folklore and Myth 3 hrs, 3 cr. Cultural and psychological functions and symbolic meanings.

CHIN 111 Chinese Culture I 3 hrs, 3 cr. Introduction to Chinese cultural tradition with emphasis on Pre-Chin period.

CHIN 112 Chinese Culture II 3 hrs, 3 cr. Emphasis on period from Neo-Confucianism to Communism.

CLA 101 Classical Mythology 3 hrs, 3 cr. Greek and Roman myth as represented in ancient art and literature, with emphasis on modern interpretations and theories.

CLA 302 Comparative Ancient Mythology 3 hrs, 3 cr. Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Cretan myths.

HEBR 350 Biblical History and Archeology 3 hrs, 3 cr. Study of Biblical sources in translation in relation to major archeological discoveries in Israel and Near East.

HEBR 355 Ancient Hebraic Law 3 hrs, 3 cr. Historical and comparative study of Biblical and Rabbinic law.

HEBR 356 Ancient Hebraic Folklore 3 hrs, 3 cr. Analysis and comparative study of folk beliefs, practices, and literature reflected in Hebrew Bible, apocryphal literature, and Rabbinic Aggada.

PHIO 206 Hellenistic and Early Medieval Philosophy 3 hrs, 3 cr. Prereq: 1 course in philosophy or religion.

PHIO 208 Late Medieval and Renaissance Philosophy 3 hrs, 3 cr. Prereq: 1 course in philosophy or religion.
Romance Languages

Department Office (old) North Building room 1225 (new) West Building room 1310
Chair Carlos R. Hortas
Professors Agudieiz, Caws, Charney, Fernandez de la Vega, Fratti, Guedenot, Hughes, Jimenez, Knapp, Kneller, Mades, Piottel, Saroli, Szopky
Associate Professors Gutierrez-Vega, Horneffer, Hortas, Manca, Nimetz, Pellicer, Purczinsky, Rothenschid
Assistant Professors Benitez, Failtie, Feljoc, Nebel, Perna, Pryzobs
Lecturers Chace, Spitzer
Advisors (French) Cecilia Inador, (Italian) Pasqualina Manca, (Spanish) Jorge Benitez, Michael Perna

The Department of Romance Languages offers courses in the French, Italian, and Spanish languages and literatures designed to fulfill a major sequence or a minor sequence or, along with Portuguese, to satisfy the foreign language requirements. With a major, the student gains a ready command of the spoken language and its written form and a knowledge of the literature and civilization of the people who speak it. The Romance language major offers an oral and written command of 2 languages and a knowledge and understanding of 2 Romance literatures and civilizations.

Most language majors go into teaching. Majors who follow the appropriate sequence of courses in education become teachers in elementary, junior, or senior high schools. Others use their language in bilingual education, interpreting, translating, or business.

Distribution Requirement
1. Students pursuing a new language will fulfill the language requirement in 4 college semesters by completing one of the following sequences:
2. Students continuing a language studied for 1 year in high school* need 3 additional college semesters:
   b. Italian: ITAL 102, 201, and 202.
3. Students continuing a language studied for 2 years in high school* need 2 additional college semesters:
4. Students continuing a language studied for 3 years in high school* need 1 additional college semester:
   * Obligatory placement test for students with high school Spanish.

Spanish Major (24 cr) Prerequisites for all courses in the major are SPAN 341 and 342. Required courses are: 6 additional courses at the SPAN 343 level or higher. Of the 24 cr, 6 must be in the field of Spanish-American literature. Courses recommended before starting the program or during its early stages are: SPAN 221, 275/276, 311, 312, 335/336.

Romance Language Major (24 cr) Intended for students desiring to specialize in 2 Romance languages. Required: 12 cr in French, Italian, or Spanish—FREN 341, 342, 343, 344; ITAL 335, 336; or SPAN 341, 342; plus 9 cr in advanced literature chosen after consultation with an advisor, plus 3 additional cr from FREN 375, ITAL 375, or SPAN 375.

Minor 12 credits in a single subject to be approved by advisor in the student's major field.

Preparation for Teaching In cooperation with the Division of Programs in Education, the Department of Romance Languages provides opportunities for students to qualify for teacher certification in New York City or New York State. (Also consult the Education statement in this bulletin.) To prepare for teaching at the secondary level, the student must take 1 of the following courses:
EDUC 374 Methods of Teaching Italian in Secondary School (department prereq: ITAL 311, 331; department coreq: ITAL 312 or 321).
EDUC 371 Methods of Teaching Spanish in Secondary School (department prereq: SPAN 311, 331; department coreq: SPAN 312, 335, or SPAN 336).

Students preparing for elementary school teaching are urged to take advanced grammar and advanced composition courses (311 and 312) listed among the various Romance languages.

Credit 1-semester courses in the department will be credited singly, except FREN 101-102, ITAL 101-102, SPAN 101-102.
Electives All courses offered by the department are open to qualified students for credit. For placement, consult department.
Honors Students qualified to graduate with departmental honors must take an honors course or equivalent approved by departmental advisor. In addition, students must present an honors paper to the department's Committee on Honors.
Graduate Study Qualified students in their senior year may be admitted to graduate courses. Permission must be secured from the chair and then forwarded to the divisional dean. Consult Bulletin of Graduate Programs for requirements and regulations.

COURSE LISTINGS

Division I French

There are 3 options for students beginning French at Hunter: a regular sequence (FREN 101, 102, 201, 202) which emphasizes reading and writing; an audiovisual sequence (FREN 101 AV, 102 AV, 201 AV, 202 AV) which emphasizes speaking; and an intensive sequence (FREN 103, 203) which covers in 2 semesters material normally covered in 4.

FREN 101 Elementary French I 3 hrs, 3 cr. Language lab. Not credited without FREN 102.
FREN 102 Elementary French II 3 hrs, 3 cr. Language lab. Prereq: FREN 101 or 1 yr of high school French.
FREN 103 Intensive Elementary French 6 hrs, 6 cr. Language lab. Covers in 1 semester material normally covered in 2. Offered Fa.

FREN 201 Intermediate French I 3 hrs, 3 cr. Prereq: FREN 102 or 2 yrs of high school French.

FREN 202 Intermediate French II 3 hrs, 3 cr. Prereq: FREN 201 or 3 yrs of high school French or grade of A in FREN 102.


FREN 101 AV, 102 AV, 201 AV, 202 AV 3 hrs, 3 cr each. Elementary and Intermediate French in audio-visual method.

FREN 220 Advanced French Conversation 3 hrs, 3 cr. Prereq: FREN 202 or 4 yrs of high school French. Offered D.

FREN 241 Early French Civilization: From Gothic to Revolution* 3 hrs, 3 cr. Conducted in English; readings in English. Offered D/every 2 yrs.

FREN 242 Modern French Civilization: From Revolution to Present* 3 hrs, 3 cr. Conducted in English; readings in English. Offered every 2 yrs.

FREN 251 French Literature and the Arts* 3 hrs, 3 cr. Conducted in English; readings in English. Offered D/every other yr. Particular attention to theme, image, and structure as they may be compared in literary and artistic works.

FREN 252 From Symbolism to Surrealism in French Literature* 3 hrs, 3 cr. Conducted in English; readings in English. Offered D/every other yr. Impressionist, symbolist, cubist, dada, and surrealism movements in literature and art from the late 19th to 20th century.


FREN 254 Film and the French Novel* 3 hrs, 3 cr. Conducted in English. Offered D/IfA. Truffaut, Godard, Resnais, Robbe-Grillet, and others.

FREN 255 New Approaches to Modern French Literature* 3 hrs, 3 cr. Conducted in English; readings in French and English. Offered D/every other yr. Investigation of various currents of 20th-century literature and aesthetic criticism as practiced in France.

FREN 256 Dream and Image* 3 hrs, 3 cr. Conducted in English. Offered D/every other yr. Descartes, La Fontaine, Racine, Diderot, Nerval, Balzac, Hugo, Baudelaire, Gautier, Rimbaud, Lautreamont, Breton, Artaud, Proust.

FREN 257 Literary Cross-Currents* 3 hrs, 3 cr. Conducted in English. Prereq: Reading knowledge of French. Offered D/once a yr. Topics: interrelation of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare In France; Danté and French literature.

FREN 258 French Poetry in Translation 3 hrs, 3 cr. Conducted in English. Offered D/every other yr. Study of major themes, theories, and texts from 16th century to contemporary period.

FREN 259 French Theatre in Translation* 3 hrs, 3 cr. Conducted in English; readings in English. Offered D/every other yr. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.

FREN 260 French Novel in Translation (1800-1900)* 3 hrs, 3 cr. Readings in English; conducted in English. Offered D/every other yr. Development and evolution of French novel; its relationship to other literary genres.

FREN 261 Modern French Novel in Translation (1900-Present)* 3 hrs, 3 cr. Conducted in English; readings in English. Offered D/every other yr. From Gide and Proust to present.

FREN 262 Perspectives of Women in French Literature* 3 hrs, 3 cr. Conducted in English; readings in English. Offered D/every 3 yrs. Women as seen by artists and writers of both sexes. Outlook of woman writer or artist as it differs from that of man.

FREN 275 Selected Masterpieces of French Literature* 3 hrs, 3 cr. Prereq: FREN 202 or 4 yrs of high school French. Readings in French of some outstanding works of French literature. Emphasis on development of selected genres or literary themes.

FREN 310 French for Reading and Research 3 hrs, 3 cr. Prereq: FREN 202. Conducted in English and, whenever possible, in French; readings in French. Offered every other yr. Designed for acquisition of and workable reading knowledge of the language.


FREN 312 French Oral and Written Expression 3 hrs, 3 cr. Prereq: FREN 202 or equiv. Offered D/Sp. E/IfA.


FREN 331 French Phonetics and Dictation 3 hrs, 3 cr. Prereq: FREN 202.

FREN 336 French Civilization and Culture 3 hrs, 3 cr. Prereq: FREN 202. Offered every other yr. Geography, history, and institutions of France.

FREN 340 Perspectives on Literature and the Arts: Special Topics 3 hrs, 3 cr. Offered D/every other yr. Treated from the point of view of art and literature.

FREN 341 Survey of French Literature I 3 hrs, 3 cr. Prereq: FREN 202 or 4 yrs of high school French. Not open to students who take FREN 251. Offered E/Sp. From Middle Ages through 17th century.

FREN 342 Survey of French Literature II 3 hrs, 3 cr. Prereq: FREN 202 or 4 yrs of high school French. Not open to students who take FREN 251. Offered E/Sp. From 18th century to present.

FREN 343 Medieval and Renaissance French Literature 3 hrs, 3 cr. Prereq: FREN 342. Offered D/IfA. From medieval epics, lyrical poetry, and mystery plays to writers such as Chaucer, Du Bellay, Ronsard, Rabelais, and Montaigne.

FREN 344 Seventeenth-century French Literature 3 hrs, 3 cr. Prereq: FREN 342 or perm dept. Offered D/Sp, E/Sp, Mollat, Nerval, Balzac, Baudelaire, Stendhal, Balzac.

FREN 345 The Seventeenth Century: Special Topics 3 hrs, 3 cr. Prereq: FREN 344.


FREN 347 The Eighteenth Century: Special Topics 3 hrs, 3 cr. Prereq: FREN 346.

FREN 348 Nineteenth-century French Literature (1800-1850) 3 hrs, 3 cr. Prereq: FREN 342 or perm dept. Offered D/IfA. Madame de Stael, Chateaubriand, Lamartine, Vigny, Hugo, Musset, Gautier, Baudelaire, Stendhal, Balzac.


FREN 355 Haitian & Afro-French Literature 3 hrs, 3 cr. Prereq: FREN 202 or 275 or 341. Offered D/Sp. Writers of francophone Africa and Antilles: Camara Laye, Leopold Senghor, Birago Diop, Ferdinand Oyono, Alme Cesaire, Bernard Dadié, Mongó Beti, and Cheik Hamidou Kane.

FREN 375 Seminar in French Literary History 3 hrs, 3 cr. Prereq: 5 courses in French major; required of all French majors in senior year, except by special exemption through examination. Offered D/Sp. Readings, discussion, and reports.

FREN 491 Honors Course in French 3 hrs, 3 cr. Prereq: FREN 344, 346, 348; JRRB only; major GPA 3.2, cumulative GPA 2.8. Offered D/every other yr. Research in history of French literature.

FREN 495 Independent Study in French Literature 1, 2, or 3 cr. Perm. advisor.

* Courses so marked are not credited toward the major or minor.

** Courses so marked are not credited toward major.
ITAL 101 Elementary Italian I 3 hrs, 3 cr. Language lab. Not credited without ITAL 102.

ITAL 102 Elementary Italian II 3 hrs, 3 cr. Language lab. Prereq: ITAL 101 or 1 yr of high school Italian.

ITAL 103 Intensive Elementary Italian 6 hrs, 6 cr. Language lab. Covers in 1 semester material normally covered in 2. Offered D/FA.

ITAL 201 Intermediate Italian I 3 hrs, 3 cr. Prereq: ITAL 102 or 2 yrs of high school Italian.

ITAL 202 Intermediate Italian II 3 hrs, 3 cr. Prereq: ITAL 201 or 3 yrs of high school Italian or grade of A in ITAL 102.

ITAL 101 AV, 102 AV, 201 AV, 202 AV 3 hrs, 3 cr each. Elementary and Intermediate Italian in audio-visual method.

ITAL 275 Masterpieces of Italian Literature** 3 hrs, 3 cr. Prereq: ITAL 202 or 4 yrs of high school Italian. Offered D/FA, E/Sp.

ITAL 311 Advanced Italian Grammar 3 hrs, 3 cr. Prereq: ITAL 202 or equiv. Offered D/FA.

ITAL 312 Advanced Italian Composition 3 hrs, 3 cr. Prereq: ITAL 311 or equiv. Offered D/FA.

ITAL 321 Italian Translation 3 hrs, 3 cr. Prereq: ITAL 311 or equiv. Offered D/FA.

ITAL 331 Italian Phonetics and Diction 3 hrs, 3 cr. Prereq: ITAL 202 or equiv. Offered Dievery 3 sems.

ITAL 335 Italian Culture I 3 hrs, 3 cr. Prereq: ITAL 202 or 4 yrs of high school Italian. Offered D/FA, E/Sp. Main intellectual-artistic currents from 12th to 15th century.

ITAL 336 Italian Culture II 3 hrs, 3 cr. Prereq: ITAL 202 or 4 yrs of high school Italian. Offered D/FA, E/Sp. Main intellectual-artistic currents from 16th to 20th century.

ITAL 343 Dante I 3 hrs, 3 cr. Prereq: ITAL 202 or 4 yrs of high school Italian. Offered every third sem. Inferno.

ITAL 344 Dante II 3 hrs, 3 cr. Prereq: ITAL 343. Offered every third sem. Purgatorio and introduction to Paradiso.

ITAL 345 Dante III 3 hrs, 3 cr. Prereq: ITAL 344. Offered every third sem. Vita Nuova and principal prose works.

ITAL 346 Petrarch and Boccaccio and the Literature of Humanism 3 hrs, 3 cr. Prereq: ITAL 335. Offered every third sem. Il Canzoniere and II Decamerone.

ITAL 347 Machiavelli and Ariosto 3 hrs, 3 cr. Prereq: ITAL 335. Machiavelli and Ariosto. II Principe and Orlando Furioso.

ITAL 348 Mannerism and Baroque Literature 3 hrs, 3 cr. Prereq: ITAL 336. Offered every third sem. Tasso, Marino, de la Valva, poets of the Arcadia.

ITAL 349 The Modern Italian Lyric 3 hrs, 3 cr. Prereq: ITAL 202. Offered every third sem. From Leopardi to contemporaries.


ITAL 375 Seminar in Italian Literary History 3 hrs, 3 cr. Required of all Italian majors, except by special exemption through examination. Offered D/FA. Readings, discussion, and reports.

ITAL 491 Honors Course in Italian 3 hrs, 3 cr. Prereq: at least 5 courses in Italian literature and civilization. Open J/Sr only with perm. chair. Major GPA 3.2, and general GPA 2.8.

ITAL 495 Independent Study in Italian Literature 1, 2, or 3 cr. Perm. dept. advisor.

** Courses so marked are not credited toward major.
Division III Spanish

There are 3 options for students beginning Spanish at Hunter: a regular sequence (SPAN 101, 102, 201, 202) which emphasizes reading and writing, an audio-visual sequence (SPAN 101 AV, 102 AV, 201 AV, 202 AV) which emphasizes speaking, and an intensive sequence (SPAN 103, 203) which covers in 2 semesters the material normally covered in 4. Students who learn Spanish at home from birth are to register for SPAN 205, 206, 207, 208.

SPAN 101 Elementary Spanish I 3 hrs, 3 cr. Language lab. Not credited without SPAN 102.

SPAN 102 Elementary Spanish II 3 hrs, 3 cr. Language lab. Prereq: SPAN 101 or 1 yr of high school Spanish, subject to an obligatory placement exam.

SPAN 103 Intensive Elementary Spanish 6 hrs, 6 cr. Language lab. Covers in 1 sem. material normally covered in 2. Offered Fa.

SPAN 201 Intermediate Spanish I 3 hrs, 3 cr. Prereq: SPAN 102 or 2 yrs of high school Spanish, subject to an obligatory placement exam.

SPAN 202 Intermediate Spanish II 3 hrs, 3 cr. Prereq: SPAN 201 or 3 yrs of high school Spanish, subject to an obligatory placement exam, or grade of A in SPAN 102.

SPAN 203 Intensive Intermediate Spanish 6 hrs, 6 cr. Prereq: SPAN 102 or 2 yrs of high school Spanish, subject to an obligatory placement exam. Covers in 1 sem. material normally covered in 2. Offered Sp.

SPAN 101 AV, 102 AV, 201 AV, 202 AV 3 hrs, 3 cr. Elementary and Intermediate Spanish in audio-visual method.

SPAN 205 Basic Reading and Writing for Native Speakers of Spanish 3 hrs, 3 cr.

SPAN 206 Oral and Written Skills for Native Speakers of Spanish 3 hrs, 3 cr. Prereq: SPAN 205 or perm. dept.

SPAN 207 Intermediate Spanish for Native Speakers 3 hrs, 3 cr. Prereq: SPAN 206 or perm. dept.

SPAN 208 Advanced Spanish for Native Speakers 3 hrs, 3 cr. Prereq: SPAN 207 or perm. dept.

SPAN 210 Spanish for Social Service Fields 3 hrs, 3 cr. Prereq: SPAN 201 or equiv. Offered E.

SPAN 212 Spanish for Classroom Communication 3 hrs, 3 cr. Prereq: SPAN 201 or equiv. Offered Sp.

SPAN 221 Spanish for Oral Communication 3 hrs, 3 cr. Prereq: SPAN 202 or equiv and approval of Spanish advisor. Not open to native Spanish speakers. Offered D.

SPAN 263 Contemporary Spanish-American Literature in Translation* 3 hrs, 3 cr.

SPAN 264 Contemporary Spanish Literature in Translation* 3 hrs, 3 cr. Cela, Lorca, Unamuno, Ortega y Gasset.

SPAN 270 Spanish Composition for Spanish-speaking Students 3 hrs, 3 cr. Prereq: SPAN 206 or equiv.

SPAN 275 Readings in Modern Spanish Literature** 3 hrs, 3 cr. Prereq: SPAN 202 or 4 yrs of high school Spanish, offered D/Sp. Representative writers: Unamuno, Lorca, Cela.

SPAN 276 Readings in Modern Spanish-American Literature** 3 hrs, 3 cr. Prereq: SPAN 202 or 4 yrs of high school Spanish, offered D/Sp. Representative writers: Borges, Neruda, Cortazar, Garcia Marquez.

SPAN 311 Advanced Spanish Grammar 3 hrs, 3 cr. Prereq: SPAN 202 or equiv. Recommended to all Spanish majors. Offered D/Sp, E/Sp.

SPAN 312 Advanced Spanish Composition 3 hrs, 3 cr. Prereq: SPAN 311. Recommended to all Spanish majors. Offered D/Sp, E/Sp.

SPAN 321 Spanish Translation 3 hrs, 3 cr. Prereq: fluency in reading and writing Spanish and English. Offered Dievery other yr.

SPAN 331 Spanish Phonetics and Diction 3 hrs, 3 cr. Prereq: SPAN 202 or equiv. Offered D/Sp, E/Sp every other yr.

* Courses so marked are not credited toward the major or minor.

** Courses so marked are not credited toward major.
SPAN 335 Spanish Civilization 3 hrs, 3 cr. Offered Di/Sc. Geographical, historical, political, literary, artistic, and industrial evolution of Spain.

SPAN 336 Latin American Civilization 3 hrs, 3 cr. Offered Di/Sp. Geographical, historical, political, literary, artistic, and economic evolution of Latin American nations.

SPAN 341 Introduction to Hispanic Literature I 3 hrs, 3 cr. Prereq: SPAN 202 or equiv. SPAN 341 is a prerequisite or corequisite to all other courses in this sequence. Basic interpretive and research skills for Spanish majors and other qualified students through study of key works of Spanish and Spanish-American authors.

SPAN 342 Introduction to Hispanic Literature II 3 hrs, 3 cr. Prereq: SPAN 341.

SPAN 343 Spanish Literature of the Middle Ages 3 hrs, 3 cr. Offered D/every other yr. Epic and lyric poetry. Romancero; origins of Spanish novel, La Celestina.


SPAN 345 Spanish Drama of Golden Age 3 hrs, 3 cr. Offered Di/Sc, E/Sp. Theatre of 16th and 17th centuries. Lope de Vega and Calderon.

SPAN 346 Cervantes 3 hrs, 3 cr. Offered Di/Sp, E/Sp. Don Quijote.

SPAN 347 Spanish American Literature from Its Origins to Romanticism and Realism 3 hrs, 3 cr. Offered Di/Sc, E/Sp. From Realism and Naturalism through Generation of 1898 and Modernism.

SPAN 348 Spanish Neoclassicism and Romanticism 3 hrs, 3 cr. Offered Di/Sc. Representative works of Neoclassical and Romantic periods, including costumbriismo.

SPAN 349 Spanish Literature from Realism to World War I 3 hrs, 3 cr. Offered Di/Sp. From Realism and Naturalism through the Generation of 1898 and Modernism.

SPAN 350 Spanish American Modernism and Postmodernism 3 hrs, 3 cr. Prereq: SPAN 347 or 348. Offered Di/Sp, E/Sp. Modernist and Postmodernist authors.

SPAN 351 Contemporary Spanish Literature 3 hrs, 3 cr. Offered Di/Sc, E/Sp. World War I to present.

SPAN 352 Contemporary Spanish American Literature 3 hrs, 3 cr. Offered Di/Sp, E/Sp. From Vanguardist movement to present.

SPAN 362 Special Topics in Spanish Literature 3 hrs, 3 cr. Prereq: SPAN 347 or 348. May be repeated with different topic.

SPAN 363 Special Topics in Spanish-American Literature 3 hrs, 3 cr. Prereq: SPAN 347 or 348. May be repeated with different topic.

SPAN 375 Seminar in Spanish Literary History 3 hrs, 3 cr. Recommended for seniors. Offered Di/Sp. Readings, discussion, and reports.

SPAN 491 Honors Course in Spanish: Special Studies in Contemporary Latin-American Literature 3 hrs, 3 cr. Prereq: Jr/Sr only with perm. advisor; major GPA 3.2; general GPA 2.8. Offered D/every other yr. Group meetings, conferences, oral and written reports.

SPAN 492 Honors Course in Spanish: Special Studies in Spanish Literature 3 hrs, 3 cr. Prereq: Jr/Sr only with perm. advisor; major GPA 3.2; general GPA 2.8. Offered D/every other yr. Group meetings, conferences, oral and written reports.

SPAN 495 Independent Study in Hispanic Literature 1, 2, or 3 cr. Prereq: perm. dept.

Division IV Portuguese

PORT 101 Elementary Portuguese I 3 hrs, 3 cr. Language lab. Not credited without PORT 102. Offered Di/Sc.

PORT 102 Elementary Portuguese II 3 hrs, 3 cr. Language lab. Prereq: PORT 101 or 1 yr of high school Portuguese. Offered Di/Sp.

PORT 201 Intermediate Portuguese I 3 hrs, 3 cr. Prereq: PORT 102 or 2 yrs of high school Portuguese.

PORT 202 Intermediate Portuguese II 3 hrs, 3 cr. Prereq: PORT 201 or 3 yrs of high school Portuguese or grade of A in PORT 102.
Russian and Slavic Languages
DIVISION OF CLASSICAL AND ORIENTAL STUDIES

Division Office (old) North Building room 741 (new) West Building room 1426.

Director Alex E. Alexander
Associate Professors Alexander, Beaujour
Assistant Professors Padunov
Advisors (day) Elizabeth Beaujour, Vladimir Padunov (evening) Alex E. Alexander

The Russian Division offers a rich curriculum designed for students who seek competence in spoken and written Russian and a solid background and knowledge of Russian literature and culture. The Russian Division also offers a number of courses in two related Slavic languages, Polish and Ukrainian.

Courses in the division are recommended to students from other disciplines who wish to master the Russian language as a research tool or who seek to learn about Russian literature in translation. The important contributions being made by Russian scholars in chemistry, biology, mathematics, and other related fields make the study of Russian especially valuable to science majors.

Russian majors find employment in United States governmental agencies, the United Nations, broadcasting, banking, international commerce, education, library services, and other fields.

Distribution Requirement No more than 6 credits of the major or the minor may also be offered toward the distribution requirement.

The foreign language requirement (category III) is satisfied by taking:

RUSS 101, 102, 201, 202 (12 cr) if no Russian was taken in high school.
RUSS 102, 201, 202, 301, or 302 (12 cr) if 1 yr of Russian was taken in high school.
RUSS 202, 301 or 302 (6 cr) if 3 yrs of Russian were taken in high school.
RUSS 301 or 302 (3 cr) if 4 yrs of Russian were taken in high school.

Similar distribution is applicable to Polish or Ukrainian taken to fulfill language requirements. Students who have studied a foreign language abroad, or have had training in the language outside the public school system, and who desire advanced placement, should contact the division head.

The humanities requirement (category V) is satisfied by:

RUSS 155 The Culture of Old Russia
RUSS 156 Contemporary Russian Culture
RUSS 255 Russian Folklore: Slavic Myths and Traditions

The literature requirement (category IV) is satisfied in part by:


Major The Russian major consists of not less than 24 credits chosen from among courses in the language except RUSS 101 and 102.

I. Russian language sequence: for students who want to acquire native fluency in spoken and written Russian and a thorough knowledge of Russian literature.

II. Russian language and culture sequence: for students whose interests lie in the arts rather than in language. With the permis-
RUSS 324. Literature of Khazan Rus* and Early Russian Literature through the Age of Classicism* 3 hrs, 3 cr. Major literary works of the Khazan period, 988 to 1237: The Primary Chronicle, The Tale of Igor’s Campaign.

IV. Literature in the Original, Conducted in English

RUSS 245. Russian Folklore: Slavic Myths and Traditions* 3 hrs, 3 cr. Common Slavic myths, traditions, and social structures.

RUSS 246. Special Topics in Slavic Literature and Cultures* 3 hrs, 3 cr. Sample topic: the modern Soviet short story.


RUSS 341. Tolstoy and Dostoevsky* 3 hrs, 3 cr. Major novels of Russia’s two greatest writers: Tolstoy’s War and Peace, Anna Karenina, Dostoevsky’s The Possessed, and others.

RUSS 342. Modern Russian Literature* 3 hrs, 3 cr. Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov.

RUSS 343. Russian and Soviet Drama* 3 hrs, 3 cr. Follows development of Russian drama and theatre from early 19th century to present: Grinberg, Pushkin, Gogol, and others.

RUSS 344. The Silver Age of Russian Literature* 3 hrs, 3 cr. Major writers and movements of years 1890-1925: Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.

RUSS 491. Honors Project* 3 hrs, 3 cr. Prereq: Russian majors only. Essay.

V. Literature and Culture, in English Translation

RUSS 155. The Culture of Old Russia 3 hrs, 3 cr. Religion, art, architecture, and daily life in prerevolutionary Russia.

RUSS 156. Contemporary Russian Culture 3 hrs, 3 cr. Begins with the innovative painting, architecture, and theatre of early Soviet years, and analyzes Socialist Realism.

RUSS 255. Russian Folklore: Slavic Myths and Traditions in English Translation 3 hrs, 3 cr. Common Slavic myths and traditions.

RUSS 256. Special Topics in Slavic Literature and Cultures in English Translation 3 hrs, 3 cr. Example: the modern Soviet short story.

RUSS 257. Masterpieces of Russian Literature in English Translation 1 hr, 1 cr. Examples: Chekhov’s short stories and plays, early Nabokov.

RUSS 258. Masterpieces of Russian Literature in English Translation 1 hr, 1 cr. Examples: Pasternak’s Dr. Zhivago, Soviet women writers.

RUSS 259. Masterpieces of Russian Literature in English Translation 1 hr, 1 cr. Examples: Solzhenitsyn’s Gulag, Pushkin stories, Gogol stories.

RUSS 350. Nineteenth-century Russian Literature in English Translation** 3 hrs, 3 cr. Pushkin’s Eugene Onegin, Lermontov’s Hero of Our Time, Gogol’s Dead Souls, Turgeniev’s Fathers and Sons, and others.

RUSS 351. Tolstoy and Dostoevsky in English Translation** 3 hrs, 3 cr. Major novels of Russia’s two greatest writers: Tolstoy’s War and Peace, Anna Karenina, Dostoevsky’s The Possessed, and others.

RUSS 352. Modern Russian Literature in English Translation** 3 hrs, 3 cr. Gorky, Mayakovsky, Olesha, Babel, Sholokhov, Bulgakov, Nabokov.

RUSS 353. Russian and Soviet Drama in English Translation** 3 hrs, 3 cr. Follows development of Russian drama and theatre from early 19th century to present: Grinberg, Pushkin, Gogol, and others.

RUSS 354. The Silver Age of Russian Literature in English Translation** 3 hrs, 3 cr. Major writers and movements of the years 1890-1925: Short works by Chekhov, Sologub, Belyi, Blok, Akhmatova, Pasternak.

RUSS 370. Independent Study in Slavic Literatures and Cultures** 3 hrs, 3 cr.

VI. Polish Language

POL 101, 102. Elementary Polish 2 sems, 6 hrs, 6 cr.


VII. Polish Literature in English Translation


POL 300. Independent Study in Polish Language and Literature 3 hrs, 3 cr.

VIII. Ukrainian Language

UKR 101, 102. Elementary Ukrainian 2 sems, 6 hrs, 6 cr.

UKR 201. Intermediate Ukrainian 3 hrs, 3 cr. Prereq: UKR 102.


IX. Ukrainian Literature in English Translation

UKR 250. Topics in Ukrainian Literature 3 hrs, 3 cr. Example: survey of Ukrainian literature.

UKR 300. Independent Study in Ukrainian Language and Literature 3 hrs, 3 cr.

*Courses so marked require RUSS 202 or the equivalent as prerequisite.

**Courses so marked have ENG 120 or the equivalent as prerequisite.
Sociology

Department Office (old) North Building room 921 (new) West Building room 1623

Chair Alphonse Pinkney
Professors Cuddyh, Foot, Heller, Pinkney, Ringen, Scott
Associate Professors Bonett, Hammond, Kroeger, McCord, Mueller, Nahorny, Pertotayse, Sidel
Assistant Professors Cain, Carlson, Green, Poppendieck, Tuckel
Lecturer Schlesinger
Advisors (day) Ruth Sidel (evening) Jody Carlson (BA/MS Program)
Pamela Cain

A major in sociology provides the undergraduate with the opportunity to learn a distinct intellectual perspective and method of inquiry. By continually testing conventional wisdom against evidence, the study of sociology encourages the development of a critical judgment. By routinely considering the matrix of social and cultural facts, it can lead students to an understanding of the conditions under which social facts emerge, and the consequences they have for individuals, groups, societies, and social institutions. It can also help students better understand their own roles in the array of social institutions in which they are enmeshed.

In addition to providing a foundation for the student who desires to pursue advanced study in sociology or social work, a major in sociology can help to prepare students for many careers: social work, heath professions, personnel work, counseling, and other human services fields as well as law, civil service and public policy, social research, and other fields in the private sector. Majors are encouraged to develop skills in observation, interviewing, and other data collection techniques, data processing, statistical and content analysis, and forecasting the future—all marketable skills in many career lines.

Distribution Requirement One course (SOC 121) offered toward the fulfillment of the major or minor may also be offered toward the distribution requirement.

Major The sociology major consists of 24 credits. Nine of these credits must include SOC 121, 241, and 341. Three credits must be in either SOC 221 or 223. Of the remaining 12 credits, at least 9 must be in courses above the 100 level.

Minor Twelve credits in one or 2 departments. For information concerning approved courses, consult the major advisor.

The MARC Program The Departments of Psychology, Anthropology, and Sociology jointly offer a program called MARC (Minority Access to Research Careers). This interdisciplinary research training program for talented minority juniors and seniors is funded by the Alcohol, Drug Abuse, and Mental Health Administration of the National Institutes of Mental Health. Participants receive a monthly stipend, tuition and fee remittance; they take a special curriculum, and get individualized research training in a variety of areas under the supervision of a faculty mentor. The program has several levels of participation, and all minority students—especially freshmen and sophomores—intending to pursue a research-related career in the participating disciplines are urged to register with the program. Additional details and descriptive literature are available from the MARC program advisor in the Psychology Department.

Five-Year BA/MS Program For a limited number of qualified students, the department offers an accelerated 5-year program leading to a BA in sociology and an MS in social research. The program requires a total of 145 credits in college work (100 undergraduate, 45 graduate), one semester of supervised field experience, and a research paper. In order to be admitted to the program, students must complete their basic requirements, pass an honors course (independent study or honors seminar), and meet the requirements of the MS program as outlined in the graduate catalog. Undergraduate students admitted to the program generally start their graduate work toward the end of their junior year. Interested students should consult the program's advisor at the earliest possible date.

Honors Work For honors work in sociology see courses SOC 471-2, 473-4.

Preparation for Teaching In cooperation with the Division of Programs in Education, the Department of Sociology provides opportunities for students to prepare for a career in teaching at the secondary and elementary levels. Students who wish to qualify for teaching social studies in secondary schools should read the description in this catalog under Education and consult their major advisor.

Urban Studies Students who have selected the major/contact concentration in urban studies may select work in sociology to complete the 6- or 15-hour social science component. Course selection must be made with the approval of the student's advisor in the Department of Urban Affairs.

Graduate Courses Qualified undergraduates seeking more advanced or specialized work may, with the permission of the instructor, be permitted to take graduate courses. Consult the graduate catalog for course listings.

COURSE LISTINGS

Introductory Courses

SOC 101 Social Institutions 3 hrs, 3 cr. Survey of institutions comprising American communities: family, economy, government, education, religion, welfare, etc.

SOC 121 Principles of Sociology 3 hrs, 3 cr. Basic sociological analysis including alternative frameworks and concepts.

Lower Division

SOC 201 Sociology of the Family 3 hrs, 3 cr. Family functions and interaction. Factors affecting stability and instability.

SOC 203 Sociology of Education 3 hrs, 3 cr. Education viewed cross culturally and historically. Schools and colleges as social systems.

SOC 205 Sociology of Religion 3 hrs, 3 cr. Prereq: SOC 121 or perm. inst. Comparative study of religion in societies. Analysis of beliefs, myths, and sacred attitudes.

SOC 207 Leisure and Recreation 3 hrs, 3 cr. Prereq: SOC 121 or perm. inst. Role and social organization of leisure and recreation in traditional and modern society.

SOC 209 Sociology of the Arts in Modern Society 3 hrs, 3 cr. Art as universal social institution; an expression of symbolic world of cultural life.

SOC 211 Urban Sociology 3 hrs, 3 cr. Prereq: SOC 121 or perm. inst. Factors determining the size and location of human settlements.

SOC 213 Political Sociology 3 hrs, 3 cr. Prereq: SOC 121 or perm. inst. Power, authority, leadership, political ideologies, and power elites. Political development and modernization.

SOC 215 Occupations and Professions 3 hrs, 3 cr. Prereq: SOC 121 or perm. inst. Roles, structures, development of occupations and professions. Occupational socialization and professionalization.

SOC 219 American Society 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. US social structure in the late 20th century: politics, economics, and social relations.

SOC 221 Development of Modern Sociological Thought 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Classical theorists and their contributions.

SOC 222 Current Sociological Theory 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Significance of concepts and nature of evidence applied to leading theories. Theory constructions.

SOC 225 Seminar in Selected Problems of Sociology 3 hrs, 3 cr. Prereq: perm. Inst. Reading, discussion, and papers on significant problems in sociology.

SOC 226 Community Organization and Action 3 hrs, 3 cr. Prereq: SOC 101 or 121, or perm. Inst. Evaluation of specific local and national action programs.

SOC 227 Social Welfare 3 hrs, 3 cr. Prereq: SOC 101 or 121, or perm. Inst. Development of welfare institutions. Consequences of welfare services for client and community.

SOC 228 Child Welfare 3 hrs, 3 cr. Prereq: SOC 101 or 121, or perm. Inst. Children's rights. Care of dependent children in foster homes or institutions.

SOC 229 Social Statistics 3 hrs, 3 cr. Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

SOC 231 Interpersonal Behavior 3 hrs, 3 cr. Social interaction guided by mutual expectations.

SOC 232 Deviant Behavior and Social Control 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Theories of causation and analysis of particular types of deviance—sexual, criminal, political.

SOC 235 Sociology of Youth and Adulthood 3 hrs, 3 cr. Youth and adult modes of adaptation, socialization, intergenerational relations, and career possibilities.

SOC 237 Sex Roles 3 hrs, 3 cr. Sex role differentiation: femininity, masculinity, marriage, child rearing.

SOC 239 Mass Communication and Public Opinion 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Role of mass communication and public opinion in governmental action.

Upper Division

SOC 311 Demography 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Comparative analysis of fertility, mortality, migration trends, and related social factors.

SOC 312 Consumer Behavior 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Role of consumer and development of consumer movements.

SOC 314 Industrial Sociology 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Industries in modern economies and distributions of occupations. Corporations as social institutions.

SOC 317 Social Inequality 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Theories of inequality: economic power and prestige. Social mobility.

SOC 318 Criminology 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Criminal behavior, arrest, and punishment. Problems of definition, administration of criminal justice.

SOC 321 Seminar in Selected Problems of Sociology 3 hrs, 3 cr. Prereq: perm. Inst. Reading, discussion, and papers on significant problems in sociology.

SOC 322 Field Placement and Independent Study 4 or 6 cr. Prereq: perm. Inst. Supervised work in a community service agency one full day or 2 half-days a week each semester.

SOC 324 Basic Research Methods 3 hrs, 3 cr. Prereq: SOC 121 and 241. Survey of research techniques and strategies. Research design, collection of data.

SOC 325 Intra-Group and Inter-Group Relations 3 hrs, 3 cr. Group formation, development, persistence, and decay. Structured change in intergroup relations.

SOC 326 Social Change in Developing Societies 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Intrinsic and extrinsic factors affecting traditional communities and societies.


SOC 328 Readings in Sociology 3 cr each sem. Prereq: perm. Inst. Completion of reading list proposed by student in consultation with faculty sponsor.

SOC 421 Sociology of Organizations 3 hrs, 3 cr. Prereq: SOC 121 or perm. Inst. Organization, structure, and processes; relationship between individual and organization.

SOC 422 Advanced Research Methods 3 hrs, 3 cr. Prereq: SOC 241 and 341. Studies strategies and instruments available to sociologists.

SOC 423 Comparative Ethnic and Race Relations 3 hrs, 3 cr. Prereq: SOC 121 and 217 or perm. Inst. Patterns of intergroup relations in various countries. Consequences of partition, separatism, pluralism, assimilation.

SOC 424-2 Honors 3 or each sem. Prereq: SOC 121 or perm. dept. Independent research under direction of member of department. Honors paper.

SOC 425-2 Honors Seminar 3 cr each sem. Prereq: perm. dept. Honors paper.
Theatre and Film

Departmental Office North Building (old) room 336 (new) 5th floor
Chair Edwin Wilson
Professors: V. Roberts, Saiger, Wilson
Associate Professors: Calderon, Leaming, K. Roberts, Rutenberg, Zucker
Assistant Professors: Feiner, Koetting, Lines, Sternberg, Tomkines
Advisors (day) Daniel J. Koetting, Patricia Sternberg (evening) Joel Zucker

The disciplines of study in this department concern themselves with one of the oldest continuing means of creative expression—theatre, and with one of the newest—film. In both areas, we offer courses in the practical side (acting, directing, design in theatre; directing, editing, cinematography in film) and in the theoretical and historical side. Each area is studied and practiced in historical perspective and as a mirror of the societies that have produced it. The aesthetic of each is also examined.

A broad education both within and outside of the disciplines of theatre and film is essential for students hoping to pursue careers in those fields. Students in each of the two areas are required to study production as well as theory, criticism, and the history of the two art forms. Courses and major sequences are conducted with a strong sense of professional standards but without the narrowness of focus appropriate to study in a conservatory or professional school.

Many students who are graduated from the program move into the professions—as film-makers, editors, or sound technicians in film, or as actors, stage managers, or design assistants in theatre. Others continue their studies in a graduate program leading to an MA and PhD. Graduates who concentrate in children's theatre and creative dramatics frequently enter those fields as teachers or directors. Those in history, theory, and criticism often continue in graduate work.

The faculty in the department believes that the study of theatre or film can benefit any student, regardless of career goals. Graduates from the program have successfully entered allied fields such as television, advertising, and arts management.

The major sequences in each case operate within the undergraduate program leading to the Bachelor of Arts degree.

Distribution Requirement No more than 6 credits of the major or minor may be offered toward the distribution requirement. Students planning graduate study should be aware that one or more foreign languages are desirable.

Major Students may choose one of 5 major sequences in the department:
1. Combined Major in Theatre and Film (24 cr) All courses required as follows: THEA 171; 270 or 271; 372; FILM 120, 220, 230, 240.
2. Major in Theatre Arts (24 cr) 12 credits required as follows: THEA 270 or 271; 261; 372 or 373; 290; 12 additional cr, chosen with advisement, from the following areas, depending on the student's area of concentration: developmental drama; history, theory, and criticism; acting/directing; design/production.
3. Major in Theatre (42 cr) 27 cr required as follows: THEA 270, 271, 261, 292, 372, 373, 290, 291, and 365; 15 additional cr required, as indicated, in one of the following concentrations:
   Developmental Drama 5 courses chosen from THEA 250, 251, 252, 350, 379, 351.

History, Theory, and Criticism 5 courses chosen from THEA 275, 297, 374, 375, 379, 397, and/or courses in dramatic literature from the departments of Classical & Oriental Studies, English, German, and Romance Languages.

Acting 5 courses to be chosen from THEA 262, 263, 361, 362, 364, 368, 394.

Directing 5 courses to be chosen from THEA 262, 374, 375, 365, 366, 388.

Design/Production 5 courses to be chosen from THEA 374, 388, 391, 393, 395, 396, 397.


Minor All majors must choose a 12-cr minor sequence in an appropriate discipline with permission of the advisor.

Preparation for Teaching In cooperation with the Division of Programs in Education, the Department of Theatre and Film offers opportunities for students to prepare for careers in teaching on the elementary or secondary school level. Consult the Education section of this bulletin for specific requirements.

Electives All courses in the department except those at the 400 level may be chosen by non-majors as electives, provided the students have the prerequisites.

Independent Study and Honors For majors, the department provides a variety of opportunities to earn credits by independent work and study, including off-campus placements. Qualified seniors may also register for THEA 499, Honors Project, to earn departmental honors at graduation.

Graduate Study The department offers a number of master's level courses listed in the graduate bulletin. Qualified majors in their senior year may be admitted to these courses and may use the credit toward graduation. Permission of the department chair and the graduate advisor is required.

COURSE LISTINGS

Basic Courses
THEA 170 Workshop in Dramatic Process 3 hrs, 3 cr. Exploration of student's creative potential in relation to theatre arts.

THEA 171 Introduction to Theatre 3 hrs, 3 cr. Study of elements of theatre arts—acting, directing, playwriting, design—from standpoints of both viewer and participant.

THEA 187 Introduction to Theatre Production 5 hrs, 2 cr. Lectures and practical backstage work in all aspects of productions. Work on studio and major productions required.

Intermediate Courses
THEA 280 Creative Dramatics 3 hrs, 3 cr. Prereq: THEA 170. Offered D. Theory and technique of developing creativity in children through participation in dramatic activities.


THEA 252 Theatre for Children: Laboratory 5 hrs, 3 cr. Prereq: THEA 251. Offered D/Fs. Casting, rehearsal, and production of plays for children.

THEA 261 Acting I 4 hrs, 3 cr. Prereq: THEA 170. Improvisation; beginning scene study.
THEA 287 Theatre Practice 5 hrs, 2 cr. Prereq.: THEA 187 or perm. dept. Lectures and practical work in all phases of departmental productions. Includes acting, stage managing, administrative and crew work. May be taken, with permission, up to 4 times for credit. Students may take the course only twice in same area of concentration.

THEA 290 Visual Elements of Theatre 3 hrs, 3 cr. Prereq.: THEA 171. Theory and practice of various design elements that constitute complete theatrical production. Course for actors, directors, playwrights, and others not concentrating in design. Practical work on productions included.

THEA 291 Theatrical Design Techniques 5 hrs, 3 cr. Prereq.: THEA 171. Practical training in skills of drawing, painting, and model-making necessary for designing of scenery, costumes, and lights. Studio design work included. Prerequisite for all advanced design courses.


Upper Level Courses

THEA 350 Creative Drama Leadership Techniques: Special Groups 3 hrs, 3 cr. Prereq.: THEA 250. Offered DiSp alternate years. Creative drama for groups such as handicapped, emotionally disturbed, genticastic, and institutionalized.

THEA 351 Creative Drama in the Community 3 hrs, 3 cr. Prereq.: THEA 250. Offered DiSp alternate years. Practical application of techniques and processes of creative drama in community-centered groups.

THEA 361 Acting I 4 hrs, 3 cr. Prereq.: THEA 262; coreq.: THEA 364. Offered DiSp. Scene study as it relates to Absurdist, Epic, Expressionist, Surrealist, and other non-realistic plays.

THEA 362 Acting II 4 hrs, 3 cr. Prereq.: THEA 361. Offered DiSp. Scene study in period drama: Greek, Elizabethan, Restoration, and Neo-Classical.

THEA 364 Advanced Voice and Movement for Performers 3 hrs, 2 cr. Prereq.: THEA 263, coreq.: THEA 361. Continuation of voice and movement exercises; integration into systematic approach for actor.

THEA 365 Directing I 5 hrs, 3 cr. Prereq.: THEA 261. Offered Fs. Principles of play production; direction concept; focusing audience attention on dramatic values.

THEA 366 Directing II 5 hrs, 3 cr. Prereq.: THEA 365. Offered DiSp. Continued study of principles; incorporation of design elements; full laboratory production of one-act play by each student.

THEA 367 Mime and Masks 4 hrs, 3 cr. Prereq.: THEA 364. Practical course in mime and mask exercises for actor, designed to open new avenues for emotional expression.

THEA 372 Play Analysis 3 hrs, 3 cr. Prereq.: THEA 270 or 271. Offered DiSp. Principles of play analysis; examination of play structure, theatrical form, and historical period.

THEA 373 Theatre Theory and Criticism 3 hrs, 3 cr. Prereq.: THEA 270 or 271. Offered DiSp. Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting.


THEA 375 Theatre of Realism and Naturalism 3 hrs, 3 cr. Prereq. or coreq.: THEA 270 or 271. Offered DiSp. Plays, theory, and stagecraft of realism and naturalism movement from late 19th century to present.

THEA 379 Playwriting 3 hrs, 3 cr. Prereq.: THEA 171 or perm. inst. Study of problems in playwriting based on the student's own work.

THEA 387 Theatre Workshop 5 hrs, 2 cr. Prereq.: THEA 287. Offered D. Individual assignments to backstage positions in production and management of department presentations.

THEA 388 Theatre Projects 3 hrs, 3 cr. Prereq. of coreq.: THEA 366 or 365 and perm. chair. Offered D. Experimental work in design or directing for advanced theatre students.

THEA 391 Stage Lighting 5 hrs, 3 cr. Prereq.: THEA 290. Offered DiSp alternate years. Principles and practice of lighting for theatre, film, and television, emphasizing its contribution to dramatic interpretation.

THEA 393 Costuming for the Stage 5 hrs, 3 cr. Prereq.: THEA 290. Offered DiSp alternate years. Study and practice in stage costuming; historical periods, and styles; fabrics, patterns, and construction.

THEA 394 Makeup for the Stage 3 hrs, 2 cr. Prereq.: THEA 290. Offered DiSp. Practical instruction in use of stage makeup.


THEA 396 Scene Design II 5 hrs, 3 cr. Prereq.: THEA 395. Offered DiSp alternate years. Problems of set design for plays, musicals, ballet, opera, film, and television; scene painting.

Special and Individual Studies Courses

THEA 297 Special Topics in Theatre 1-3 hrs, 1-3 cr. Prereq. perm. dept. Not offered at all times. Specific topic will be listed in Schedule of Classes for given semester.

THEA 397 Special Studies in Theatre 3 hrs, 3 cr. Prereq. variable. Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for given semester.

THEA 401 Seminar 3 hrs, 3 cr. Perm. dept. Not offered at all times. Readings, discussions, and papers on significant problems in theatre and film.

THEA 402 Independent Research 1-3 hrs, 1-3 cr. Perm. chair. Majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis.

THEA 498 Inservice Learning Program 1-6 hrs, 1-6 cr. Perm. dept. Placement in appropriate off-campus locations on an individual basis.

THEA 499 Honors Project 3 hrs, 3 cr. Prereq.: 2.8 GPA and 3.2 major GPA, majors only, perm. chair. Individual work under faculty supervision; qualifies student for department honors at graduation.

FILM

Basic Courses

FILM 120 Introduction to Cinema 3 hrs, 3 cr. Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

FILM 191 Introduction to Film Production 3 hrs, 3 cr. Technology of film; equipment and procedures.

FILM 192 Fundamentals of Film-Making 3 hrs, 3 cr. Practical introduction to basic elements of film-making, using Super 8 and videocassette.

Intermediate Courses

FILM 220 Histories of Cinema 4 hrs, 3 cr. Prereq.: FILM 120. Study of dominant histories of cinema: their construction and meaning; viewing of pertinent films.

FILM 222 Theories of Genre 4 hrs, 3 cr. Prereq.: FILM 120. Offered DiSp alternate years. Critical study of principal genre categories such as the western, the documentary, the horror film.

FILM 230 Film Theory I 4 hrs, 3 cr. Prereq.: FILM 120. Offered DiSp. Introduction to principal theories, concepts, and language employed in analysis of cinema.

FILM 240 Studies of Selected Directors 4 hrs, 3 cr. Prereq.: FILM 120. Offered DiSp. Study of aesthetic and cultural implications of authorship as developed and practiced in cinema.


FILM 296 Sound for Film I 4 hrs, 3 cr. Prereq: FILM 294 and 295. Offered D/FA. Theory and techniques of sound mixing, dubbing, lip synchronization, and sound editing.

Upper Level Courses

FILM 320 Problems in Film Research 3 hrs, 3 cr. Prereq: FILM 220. Offered D/Sp alternate years. Study of basic methods of solving problems in field of cinema studies.

FILM 322 Film Theory II 4 hrs, 3 cr. Prereq: FILM 230. Offered D/Sp alternate years. Advanced study of current problems in film theory.

FILM 334 Narrative, Authorship, and Subject 4 hrs, 3 cr. Prereq: FILM 230 or 240 or 242. Offered D/FA alternate years. Study of narrative techniques in cinema.

FILM 336 Film Technology and Aesthetic Theory 4 hrs, 3 cr. Prereq: FILM 192 and 220. Offered D/Sp alternate years. Study of relationship between film technology and film theory.


FILM 342 Theories of Film Acting 4 hrs, 3 cr. Prereq: FILM 230. Offered D/Sp alternate years. Study of film acting with regard to theoretical structures and aesthetic practice.

FILM 370 Film Writing I 4 hrs, 3 cr. Prereq: FILM 120. Fundamentals of writing for film; critiques of original student scripts.

FILM 371 Film Writing II 4 hrs, 3 cr. Prereq: FILM 370. Continuation of workshop experience with emphasis on full-length screenplay.

FILM 376 Acting for Film 4 hrs, 3 cr. Prereq: FILM 120 and THEA 292. Offered D/FA alternate years. Fundamental techniques unique to acting in film and television.

FILM 380 Producing the Film 3 hrs, 3 cr. Prereq: FILM 120. Offered alternate years. Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.

FILM 383 Directing for Film 4 hrs, 3 cr. Prereq: FILM 191 and 295. Offered D/Sp alternate years. Theory and practice of film director's role as guiding force in creation of visual and aural image.

FILM 384 Editing II 4 hrs, 3 cr. Prereq: FILM 294. Offered D/Sp. Continuation of editing practices, emphasizing professional use of equipment, materials, and techniques.

FILM 390 Cinematography II 4 hrs, 3 cr. Prereq: FILM 295. Offered D/FA. Advanced cinematographic techniques such as sensitometry, effects lighting, and special effects.

FILM 396 Sound for Film II 4 hrs, 3 cr. Prereq: FILM 296. Offered D/Sp. Sound recording in studio and on location; music and sound effects; optical transfers, synchronization of sound track and pictures.

FILM 398 Film Production Var. hrs, 3 cr. Prereq: 2 of FILM 294, 295, 296 and perm. inst. Offered D/FA. Production of short films with each student assigned to specific crew position.

Special and Individual Studies Courses

Film 297 Special Topics in Film 1-3 hrs, 1-3 cr. Prereq: perm. dept. Not offered at all times. Specific topic will be listed in Schedule of Classes for given semester.

Film 397 Studies in Film 3 hrs, 3 cr. Prereq: variable. Not offered at all times. Specialized topics for majors will be listed in Schedule of Classes for given semester.

FILM 403 Independent Research 1-3 cr. Perm. chair. Majors only. Directed program of reading, research, or creative presentation, arranged on an individual basis.

FILM 499 Honors Project 3 hrs, 3 cr. Prereq: 2.8 GPA and 3.2 major GPA. Majors only. Perm. chair. Individual work under faculty supervision; qualifies student for department honors at graduation.
Urban Affairs

Department Office (old) 790 Madison Ave (new) West Building room 1611

Chair Peter Salinas
Professors Hyman, Salinas, Spiegel, Sullivan
Associate Professors Birch, Moses, Margolis
Instructors Milczarski
Advisors (day) Eugenie L Birch (evening) Stanley Moses

With over 70 percent of the nation’s population classified as urban, urban studies offers students the opportunity to investigate intensively the forces shaping the institutions and quality of life in American metropolitan regions. Building on an understanding of relevant economic, social, and political trends, the field of urban studies concentrates on defining and addressing current urban policy and planning issues. To reinforce its strong theoretical foundation, the urban studies curriculum also includes analytical skills and fieldwork experience.

The department offers several options to students interested in examining the implications of urban life within a social science context. The most intensive is, of course, the major. Additional programs include elective courses which may constitute a minor for a non-major, and a program of education for public service which is open to selected students (see special programs, below). Of particular note for non-majors is the specially designed introductory course, Urban Life—The Personal and Observational View.

The urban studies offerings are enriched by their inclusion in the Department of Urban Affairs, which houses, in addition to the undergraduate program, graduate curricula in urban planning and urban affairs and the Urban Research Center. The sharing of faculty and facilities, the interchange among advanced and beginning students, and the cooperation of other units in the Social Sciences Division create an environment for concentrating the urban-related concerns appropriate to a major city college.

Because it integrates several social science perspectives, the urban studies major is uniquely fitted to train students for careers in either the public or private sector, depending upon the student's selection of electives. Among the types of employment chosen by recent graduates are urban planning, social work, municipal budgeting, public administration, real estate, community organization, law, business, and journalism.

Distribution Requirement URBS 101 and 301 provide 7 credits toward the fulfillment of the social science component (category VI) of the distribution requirement.

Urban Studies Major and Major-Minor Concentration The urban studies major (24 credits) and the major-minor concentration (39 credits) provide a strong background in a selected social science or related discipline, a methods component, and a fieldwork experience built around a systematic introduction to contemporary urban life and problems. An integrating seminar during the student's last 2 terms provides an understanding of the application of the various disciplines to policy development and program operations that deal with today's urban conditions.

Preparation for Graduate Training A substantial number of majors in urban studies pursue professional graduate study in urban planning, law, social work, public administration, architecture, and related fields. Students should discuss their plans with the undergraduate advisor in their junior year in order to plan their programs accordingly.

Special Programs Urban studies students are eligible to participate in 2 internship programs sponsored by Hunter College: the Program of Education for Public Service and the Seminar/Internship Program in New York City Government.

The Program of Education for Public Service is lodged in the Department of Urban Affairs. It is a selective program open to 24 students chosen in their junior year to become Public Service Scholars. All Hunter students are eligible for this full-time, year-long program which includes an internship placement and 3 weekly seminars. The students chosen to participate receive an annual stipend. For further information, consult the director of the program.

The City University Seminar/Internship Program in New York City Government is a program in which Hunter College students may participate by enrolling in the Political Science Department’s course POLSC 411/412. For further information, see p. 114.

I. Urban Studies Major (24 cr)
The urban studies major consists of components A, B, and C as listed below (18 cr), and a related social science component, E (6 cr). Preferably, courses should be taken in more than one department. Courses not listed may be selected with special permission of the urban studies program advisor. The 12-credit minor may be taken in one or more departments with the approval of the advisor.

II. Urban Studies Major-Minor Concentration (39 cr)
The major/minor concentration consists of components A through E, as listed below.

A. Urban Affairs Component (9 cr)
URBS 301 Contemporary Urban Issues and Problems (3 cr). (This course should be completed early in the concentration, preferably during the sophomore year.)
URBS 401, 402 Urban Affairs Seminar, 2 sem, 3 cr per sem.
B. Analytical Methods Component (3 cr)
(This component should be completed by the end of the junior year.) One course from the following courses or equivalent:
SOC 341 Basic Research Methods (3 cr)
POLSC 206 Research Design and Political Analysis (3 cr)
ECO 220 Economic Statistics (3 cr)

C. Fieldwork Component (6 cr)
(This component should be taken during the junior or senior year.) One sequence from the following offerings or equivalent:
POLSC 411, 412 Seminar/Internship in NYC Government, 2 sem, 4 cr per sem.
SOC 331, 332 Field Placement and Independent Study, 2 sem, 3 cr per sem.
BLPR 281, 381 Fieldwork in Local Ethnic Communities, 2 sem, 3 cr per sem.

D. Minor Component (15 cr)
To be selected from a single department from among the departments and courses listed below. (Other department offerings or related courses, not to exceed 6 cr, may be taken with special permission of the urban studies program advisor.) This requirement may not be fulfilled with courses in methodology, statistics, fieldwork and internships, or introductory courses in the respective department.
Economics: ECO 102, 201, 315, 325, 335, 336, or 345.
Political Science: POLSC 211, 212, 217, 241, 330, or 348.
Urban Affairs: URBS 403, as well as the following graduate courses open to urban studies students: URBS 701, 702, 708, 722, 724, 750, or 751.

E. Related Social Science Component (6 cr)
To be selected, with the approval of the urban studies advisor, from departmental offerings in the Division of Social Sciences (not necessarily limited to economics, political science, sociology, and urban affairs) and from the GEOG offerings in the Department of Geology and Geography. With special permission, appropriate courses may be taken in other departments.

COURSE LISTINGS

URBS 101 Urban Life—The Personal and Observational View 4 hrs, 4 cr.
Systematic exploration of individual responses to urban environment based on experiences of participating students.

URBS 301 Contemporary Urban Issues and Problems 3 hrs, 3 cr. Examination of urban systems at neighborhood, city, and metropolitan levels and their effects on urban public policies.

URBS 401, 402 Urban Affairs Seminar 3 hrs, 3 cr each. Workshop in which students investigate specific policy proposals in public sector in variety of urban problem areas. Students may enroll for one or both semesters.

URBS 403 Selected Topics in Urban Affairs 3 hrs, 3 cr. Intensive examination or investigation of specialized topics or new developments in literature and research.

URBS 498 Inservice 1-6 hrs, 1 cr per hr. Prereq: perm. chair.
The following graduate courses (45 hrs including conference, 3 cr each) are open to senior urban studies majors:
URBP 701 History of Planned Urban Development
URBP 702 The Structure of the Urban Community
Other graduate-level courses that may be taken by senior majors with special permission:
URBP 708 Environmental Planning
URBP 722 Economic Planning
URBP 724 Social Planning + fieldwork
URBP 750 Fundamentals of Housing + fieldwork
URBP 751 Processes of Planning and Policy Formulation + fieldwork
Women’s Studies

Program Office (old) North Building room 903 (new) West Building room 1715
Coordinator Sarah Pomeroy
Policy Committee Dean (English), Denmark (Psychology), Held (Philosophy), Helly (History), Honig (Economics), Lees (Anthropology), McNamara (History), Pomeroy (Classics), Zalk (Educational Foundations)
Advisors (day) Nancy Dean (evening) Dorothy O. Helly

Women’s Studies reexamines the role of women in contemporary society, in history, and in various cultures. It aims, by its focus on women, to open new perspectives on conventional studies. As an interdisciplinary program, Women’s Studies draws on the insights and methods of many disciplines in order to pose new questions and suggest new approaches to the study of traditional disciplines. Its study includes the way women perceive themselves and the way they are perceived by men in a multicultural perspective.

Students in the Women’s Studies program are encouraged to take an active part in formulating educational policy through participation in advisory groups. Techniques of inquiry, research, and critical thinking are stressed.

The Women’s Studies major is a collateral major—two majors taken together without a minor. Thus, employment after college can involve one or the other discipline or both at once. Women’s Studies graduates may seek employment related to a traditional field, as for example economics, psychology, sociology, or English. In such areas as health care, counseling, advertising, market-research, publishing, teaching, or administrative work, as well, they may combine the information and insights gained from the 2 major interrelated fields. The Women’s Studies collateral major is appropriate pre-law training and is useful, directly and indirectly, in all fields involving an analysis of society and social interaction.

Distribution Requirement No courses with the prefix WOMST are credited toward the College distribution requirement.

Major The Women’s Studies program offers an 18-credit collateral major which is taken in addition to a major in a traditional department. No minor is then needed. The 18 required credits are distributed as follows: Introduction to Women’s Studies (3 cr), Senior Research Seminar (3 cr) and 12 cr from the Women’s Studies program courses (listed as WOMST) and the courses cross-listed with Women’s Studies offered by participating departments.

Minor The Women’s Studies major requires no minor because, as explained above, the major is double, or collateral. The Women’s Studies program is accepted as a minor in all departments within the divisions of Social Sciences and Humanities and the Arts. In departments in the Division of Mathematics and Sciences, students must check with major advisors.

Inservice Program Students may work in positions of responsibility in a variety of approved private and public institutions while carrying from 1 to 6 academic credits. Consult with Prof. Louise Boedeker (Curriculum & Teaching), the inservice advisor for Women’s Studies.

Research Seminar Each major in Women’s Studies is required to take a seminar to complete her work in the program. The seminar, determined by the other fields in which the Women’s Studies majors concentrate, varies from year to year. Its prerequisites are WOMST 100 and 12 credits of any combination of WOMST-labeled courses and 300-level courses in the student’s other major. Consult Women’s Studies advisors early to plan either a senior research seminar or the independent study that may be substituted for it.
### COURSE LISTINGS

**WOMST 100** Introduction to Women's Studies 3 hrs, 3 cr. Traditional definitions of women's nature in myth and symbol, philosophical inquiry, theories of biology and psychology; women's role in family structures; women's relations to religion, education, health, work, and public power. Examples are cross-cultural and historical.

**WOMST 200** Topics in Women's Studies 3 hrs, 3 cr. Interdisciplinary courses such as Women and the Law, Women and Health, Women in the Developing World.

**WOMST 300/400** Research Seminar in Women's Studies 3 hrs, 3 cr. Prereq: WOMST 100 plus 12 cr of any combination of WOMST courses and 300-level courses in the student's other major. Topic varies from year to year.

**WOMST 393** Independent Research 3 hrs, 3 cr. Prereq: perm. Prof. Boedeker. Independent research guided by faculty member on subject of student's choice in field of women's studies.

**WOMST 498** Inservice 1-6 hrs, 1-6 cr. Prereq: perm. Prof. Boedeker.

#### Recommended Courses (3-cr courses)

- **ANTHC 301** Sex and Gender in Anthropological Perspective.
- **ANTHC 303** Kinship and Social Organization.
- **ANTHC 320.53 (WOMST 200.50)** Women in Developing World.
- **BLPR 276** Puerto Rican Family.
- **BLPR 336** Afro-American Women Writers.
- **CLA 308** Women and Slaves in Classical Antiquity.
- **COUNS 301** Fundamental Principles of Counseling.
- **COUNS 411** Principles of Interviewing.
- **EDUC 400** Sex Roles, the Family, and School.
- **ENGL 120** Expository Writing—Women's Studies section.
- **ENGL 250.57** Women's Search for Self.
- **ENGL 250.62** American Fiction & Poetry Since World War II.
- **ENGL 311** Short Story Workshop I.
- **ENGL 314** Workshop in Poetry I.
- **ENGL 316** Workshop in Poetry II.
- **ENGL 389.54** One Major Writer—Virginia Woolf.
- **ENGL 398.50** Twentieth-century Novels by Women.
- **ENGL 399.50** Women in 18th and 20th Century Literature.
- **ENGL 399.52** Edith Wharton and Katherine Anne Porter.
- **FREN 274** Women in French Literature and Art.
- **HED 322** Maternal and Child Care.
- **HED 323** Health Aspects of Aging.
- **HED 340** Human Sexuality.
- **HIST 141.53/341.55** Women's Education in the U.S.
- **HIST 141.58/341.58** History of American Women.
- **HIST 304** Women in Early European Society.
- **HIST 366** Role of Women in American History.
- **HIST 383/483** Family in American History.
- **HIST 383.50/483.50** Oral History: New York Women (Honors Seminar).
- **MUSHL 261** Women in Music.
- **NURS 340** Women's Health.
- **PHILO 286** Feminism: Philosophical Theory and Practice.
- **POLSC 217.55** Pressure Politics—Lobbying.
- **POLSC 217.57 (WOMST 200.55)** Women and the Law.
- **POLSC 217.72 (WOMST 200.54)** Women, Crime, and Punishment.
- **POLSC 218** Women and Political Change.
- **POLSC 340** Women in School Elections.
- **POLSC 486.50** Minority Politics in New York City.
- **PSYCH 170** Human Sexuality.
- **PSYCH 235** Psychology of Women.
- **RUS 259.56** Russian Women Writers (in trans.).
- **SOC 201** Sociology of the Family.
- **SOC 239** Child Welfare.
- **SOC 255** Youth and Adulthood.
- **SOC 257** Sex Roles.
- **SOC 351** Intragroup and Intergroup Relations.
Special Programs

CUNY BA
The CUNY Baccalaureate Program permits mature and highly motivated students with a clear idea of their educational and career objectives to design their own academic program.

CUNBA 000.1 CUNY Baccalaureate Independent Study/Fieldwork (non-classroom project) CUNY Baccalaureate students who are involved in an independent study project should enroll in course CUNBA 000.1 for the appropriate number of credits.

Independent Learning by Achievement Contract
ILBAC 400 Interdisciplinary program that offers students an additional opportunity to demonstrate academic competence. The student signs a contract that outlines work to be done, time it will take, method of evaluating work, credits to be earned, and grade designation. The contract is presented for approval to an evaluation committee, chosen by the student, consisting of an evaluative chairperson and 2 faculty members representing more than one discipline. Work presentation may vary: oral presentation; written paper, novel, or short stories; artistic performance; laboratory experiment; public lecture; or designing or carrying out a research project. Relevant life experience may be incorporated. For further information, contact the Office of Student Services.

Orientation Seminar
OSEM 001 Orientation Seminar 1 hr, 1 cr. For entering students. Presentation of information about Hunter College and training in skills necessary for success in college: distribution requirements, grading systems, helping services, choosing a major, test-taking skills, note-taking skills, class participation skills, and time-management skills. Group discussion. (Each section taught by a counselor or an academic advisor.)
Degree, Certificate, and Diploma Programs

Students should be aware that enrolling in programs other than the ones listed below may jeopardize their eligibility for certain student aid awards.

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<th>Degree</th>
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Medical Lab. Sciences — BS 1223
Music — BA, BS, BM, MA, BA/MA 1104
Music—Ethnomusicology — MA 1006
Music (Sec. Ed.) — MA 0832
Nursing — BS 1203
Nursing — MS 1203.10
Nutrition — MS 1306
Philosophy — BA 1509
Physical Education — BA, BS 0835
Physical Therapy — BS 1212
Physics — BA, MA, BA/MA 1902
Political Science — BA 2207
Psychology — BA, MA 2001
Rehabilitation Counseling — MSE 0819
Religion — BA 1510
Romance Languages — BA 1101
Russian — BA 1106
Russian Area Studies — MA 0307
Social Research — MS 2206
Social Studies (Sec. Ed.) — MA 2201.01
Social Work — MSW 2104
Sociology — BA 2208
Sociology & Social Research — BA/MS 2208
Spanish — BA, MA 1105
Spanish (Sec. Ed.) — MA 1105.01
Spcial & Hearing Handicapped (Sec. Ed.) — MA 0815
Special Education — MSE 0808
Special Honors — BA 4999
Statistics — BA 1702
Supervision & Admin. — Advanced Cert. 0828
Teaching Engl. as a 2nd Language — MA 1508
Theatre & Film — BA, MA 1508
Urban Affairs — MA, MS 2214
Urban Planning — MUP 2214
Urban Studies — BA 2214
Women’s Studies — BA 4903
Faculty

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Desmond Eaton, Director of Campus Safety & Security, VP for Administration; MA, John Jay
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Florence Farrat, Asst Registrar; BA, Hunter
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Roseanne Finianni, Asst to Director, Campus Schools

Julian Forster, Asst Business Manager; BS, Brooklyn
Robin Forster, Social & Informational Services & Facilities; Student Services; BA, Queens
Thelma Fraser, Asst to Director, Computing Center

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Joseph Giglio, Asst to Dean; AA, Fashion Institute
Leah D. Grisam, Asst to Dean, Social Sciences; MA, Chicago
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Joel Hart, Manager, Financial Aid Processing Center, Business Office; BS, LIU
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Shelia Hirschman, Executive Asst, Finance and Business Affairs
Lucy Holland, Coordinator, Inserv Program; BA, Smith, MA, Michigan
Irene Horowitz, Asst Personnel Director
Linda G. Howard, Counsel to President; JD, Univ. of Va, Law School
Judith Huertas, Exec. Asst to Provost; BA, Hunter
John D. Irving, Asst Dean of Academic Advising & Counseling, Student Services; PhD, Columbia

Maria I. Jacobson, Coordinator, Study Abroad; Foreign Student Advisor, Student Services; MA, Columbia
E. Harold Jaffe, Production Coordinator, Publications; BA, Rabbinical Coll of Telshae
Ruth Jody, Coordinator of Tutoring, Student Services; MA, Columbia
Anne M. Jones, Exec. Sec to President
Richard Joseph, Financial Aid Counselor, Student Services; BS, John Jay
L. C. Joyce, Advisor and Budget Director, Student Services; MA, SUNY

Marc Kaminsky, Coordinator of Older Adult Education, Provost's Office; MSW, Hunter
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Elizabeth Kassawara, Asst to Dean of Students, Student Services

Linda Kedden, Asst Production Coordinator, Computing Center
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C. Howard Kruczkowski, Preprofessional Advisor; BA, Brooklyn; MA, Columbia

I. Meresse Ladson, Mgr Budget & Financial Control, Assoc. VP for Administration; BS, Hunter
Naomi Lakin, Asst Registrar; BA, SUNY
Sandra LaPorta, Disabled Students Advisor; Coordinator, Student Services; MS, Hunter
Elaine Lawrence, Coordinator for Preadmission & Readmission; MA, Columbia
Deborah Leccese, Director, Administrative Student Services; MA, Hunter
Ruth Limmer, Director of Publications; BA, Brooklyn; MA, Mills
Pedro L'Officier, Asst Coordinator, Financial Aid; MA, Hunter
Diego Lopez, Coordinator of College Work Study; MA, NYU
Stanley Lul, Applications Programmer-Asst Manager for Current Systems, Computing Center; MA, Baruch

James Manfre, Asst to Executive Director of Facilities & Security
Sandra Margolin, Asst to Business Manager
Anna Marino, Director of Language Laboratory; MA, Hunter
Helen Marr, Executive Asst, Facilities & Security

James F. McEvedy, Director of Campus Facilities; VP for Administration; BCE, Polytechnic Inst
John P. McGlinn, Director of Computer Operations, Computing Center; MA, Fordham
M. Janet McNeely, Appointment Secretary, President's Office; AB, Stanford
R. Pamela McPartland, Director of International English Language Institute; MA, College of New Rochelle
Coula V. Metelenka, Supervisor of Student Information Services, Registrar
Mary Michael, Asst Coordinator, Social & Informational Services & Facilities; AAS, Fashion Institute
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Mollie Muller, Asst to Exec. Director, Brookdale, Provost's Office
Renato G. Murray, Administrative Asst, Hunter College Senate

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Ivy Yang, Asst Director, Computing Center; MA, Baruch State

William Zlata, Coordinator, Admissions Office; BA, Hunter
Student Regulations and Rights

STATEMENT ON THE RIGHTS OF STUDENTS

The Hunter College Senate voted endorsement of the following statement on September 24, 1974:

PREAMBLE

"Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students, and the general well-being of society. Free inquiry and free expression are indispensable to the attainment of these goals. Freedom to teach and freedom to learn are inseparable facets of academic freedom."

Students "have a distinctive role...which qualifies them to share in the responsible authority on campus; the exercise of the authority is part of their education. Joint efforts among all groups in the institution—students, faculty, administration, and governing board—is a prerequisite of sound academic government. Joint effort, to be effective, must be rooted in the concept of shared authority. The exercise of shared authority in college and university government, like the protection of (student and faculty) academic freedom, requires tolerance, respect, and a sense of community."" The responsibility to secure and respect general conditions conducive to the freedom to learn is shared by all members of the academic community."

Students' rights are not limited by what is enumerated in this statement. The purpose of the statement is to outline some basic principles and guidelines, many of which are now met. Specific implementation will have to be continuously adjusted as conditions at the college change.

I. Academic and Personal Files
1. Improper disclosure, even within the college, of academic, personal, and disciplinary records is a serious invasion of privacy. To minimize the risk of improper disclosure, academic, personal, and disciplinary records should be kept in separate files.
2. All files may be made available only to specially authorized college staff. Express consent of the student involved is otherwise required.
3. Academic records and transcripts should contain only information about scholastic achievement.
4. No records should be kept which reflect the political and off-campus activities or beliefs of students.
5. Non-current medical and disciplinary records should be periodically destroyed.
6. Students have the right to periodically review their academic, medical and disciplinary records and to appeal for removal of items improperly included. If the appeal fails the student has the right to append a written rebuttal to the record.

II. Classroom, Grades, etc.
1. Students have the right, within the limits of available facilities, to pursue any course of study for which they are eligible according to college standards.
2. In order to permit eligible students unhindered access to courses, the costs of required materials should be kept within reasonable limits.
3. Students have the right to know, at the start of each course of study, the basis to be used by the instructor in determining grades.
4. Students' grades should be based solely on academic criteria, not on opinions or conduct in matters unrelated to academic standards.
5. Students should have the opportunity to take reasoned exception to facts or points of view offered in any course of study, but they are responsible for meeting the academic standards of any course of study for which they are enrolled.
6. Students should have the protection through formally established procedures against prejudiced or capricious academic standards or evaluations.

III. Participation in Academic Affairs
1. Students have the right, individually and collectively, to express their views on matters of general interest to the student body, including institutional policy, curriculum, and personnel decisions.
2. Students have the right to participate in the formulation and application of institutional policy affecting academic and student affairs.
3. Students should share in the formation of policies regarding degree requirements, courses and curriculum, academic grading systems, standards of academic standing, and calendar arrangements.
4. Students should have the opportunity, individually and collectively, to assess the value of a course and to express their views on the form and conduct of a class which they have taken.
5. The results of an institutional mechanism used for students to assess courses and faculty, such as evaluation questionnaires, should be accessible to all members of the college community, and should be weighed in all decisions affecting faculty status and curriculum.

IV. Extracurricular Activities
1. Students should be free to form and join associations to promote their common interests.
2. Students have the right to express their opinions, individually and collectively, and to support causes in a manner that does not disrupt the orderly operation of the college.

V. Standards of Conduct
1. Students should participate in the formulation of standards of behavior which are considered essential to the educational mission and community responsibilities of the college.
2. The code of conduct, as a set of regulations and procedures, should be clearly stated and published in a handbook or other generally available set of institutional regulations.
3. In all cases, disciplinary procedures should protect the student from capricious and prejudicial application of the rules of conduct. Such procedures should also satisfy the requirements of procedural due process, including written notice with details of charges, sufficient time to prepare a defense, right to assistance in the defense, right to cross-examine witnesses and to present evidence, and the right to appeal the decision.

BOARD OF HIGHER EDUCATION

The By-Laws of the Board of Higher Education include an article which pertains to student life and conduct. It is reprinted below for your information.

ARTICLE XV — STUDENTS

Section 15.0 PREAMBLE. Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students, and the general well-being of society. Student participation, responsibility, academic freedom, and due process are essential to the operation of the academic enterprise. As members of the academic community, students should be urged to develop the capacity for critical judgement and to engage in a sustained and independent search for truth.

Freedom to learn and to explore major social, political, and economic issues are necessary adjuncts to student academic freedom, as is freedom from discrimination based on racial, ethnic, religious, sex, political, and economic differentiations.

Freedom to learn and freedom to teach are inseparable facets of academic freedom. The concomitant of this freedom is responsibility. If members of the academic community are to develop positively in their freedom; if these rights are to be secure, then students should exercise their freedom with responsibility.

Section 15.1 CONDUCT STANDARD DEFINED. Each student enrolled or in attendance in any college, school, or unit under the control of the Board and every student organization, association, publication, club, or chapter shall obey the laws of the City, State, and Nation, and the bylaws and regulations of the Board of Higher Education and the policies, regulations, and orders of the college.

The faculty and student body at each college shall share equally the responsibility and the power to establish subject to approval of the Board more detailed rules of conduct and regulations in conformity with the general requirement of this Article. This regulatory power is limited by the right of students to the freedoms of speech, press, assembly, and petition as applied to others in the academic community and to citizens generally.
Section 15.2 STUDENT ORGANIZATIONS. a. Any group of students may form an organization, association, club, or chapter by filing with the duly elected student government organization of the college or school at which they are enrolled or in attendance and with an officer to be designated by the faculty of the college or school at which they are enrolled or in attendance (1) the name and purposes of the organization, association, club, or chapter, (2) the names and addresses of its president and secretary or other officers corresponding in function to president and secretary. However, no group, organization, or student publication with a program against the religion, race, ethnic origin, or identification sex or of a particular group or which makes systematic attacks against the religious, race, ethnic origin, or sex of a particular group shall receive support from any fees collected by the college or be permitted to organize or continue at any college or school. No organizations, military or semi-military in character, not connected with established college or school courses, shall be permitted without the authorization of the faculty and the duly elected student government and the Board.

b. Extracurricular activities at each college or school shall be regulated by the duly elected student government organization to insure the effective conduct of such college or school as an institution of higher learning and for the prevention of activities which are hereafter proscribed or which violate the standards of conduct of the character set forth in Bylaw 15.1. Such powers shall include:

1. The power to charter or otherwise authorize teams (excluding intercollegiate athletics), publications, organizations, associations, clubs, or chapters, and, when appropriate in the exercise of such regulatory power, the power to refuse, suspend, or revoke any charter or other authorization for cause after hearing on notice.

2. The power to delegate responsibility for the effective implementation of its regulatory functions hereunder to any officer or committee which it may appoint. Any aggrieved student or group whose charter or other authorization has been refused, suspended, or revoked may appeal such adverse action by such officer or committee of student government to the duly elected student government. On appeal an aggrieved student or group shall be entitled to a hearing following the due process procedures as set forth in Section 15.3. Following such hearing the duly elected student government shall have the authority to set aside, decrease, or confirm the adverse action.

c. Any person or organization affiliated with the college may file charges with the Office of the Dean of Students* alleging that a student publication has systematically attacked the religious, race, ethnic origin, or sex of a particular group, or has otherwise contravened the laws of the City, State, or Nation, or any bylaw or resolution of the board, or any policy, regulation, or order of the college, within a reasonable period of time after such occurrence. If the Dean of Students determines, after making such inquiries as he/she shall attempt to resolve the dispute, failing which he/she shall promptly submit the charges to the Faculty-Student Disciplinary Committee for final action in accordance with the due process procedures of Section 15.3 hereof.

If the Committee sustains the charges or any part thereof against the student publication, the Committee shall be empowered to (1) reprimand the publication, or (2) recommend to the appropriate funding bodies the withdrawal of funds. The funding body shall have the authority to implement fully, modify, or overrule the recommendations.

d. Each college shall establish a Student Elections Review Committee in consultation with the various Student Governments. The Student Elections Review Committee shall approve the election procedures and certify the results of elections for student governments, and student body referenda.

Section 15.3 STUDENT DISCIPLINARY PROCEDURES. a. Any charge, accusation, or allegation which is to be presented against a student, and which, if proved, may subject a student to disciplinary action, must be submitted in writing in complete detail to the Office of the Dean of Students promptly by the individual, organization, or department making the charge.

b. Notice of the charge shall be personally delivered or sent by the Dean of Students to the student at the address appearing on the records of the college, by registered or certified mail and shall contain the following: 1. A complete and itemized statement of the charges being brought against the student including the rule, bylaw, or regulation he is charged with violating, and the possible penalties for such violation.

2. The time, the date (which will be as soon as practicable), and the place of meeting with a counselor from the Office of the Dean of Students or a qualified faculty member designated by the Dean of Students.

3. The student shall be advised of his rights in the proceedings and possible consequences. Specifically the notice shall include:

A. A warning that anything he may say at this meeting may be used against him at a non-college hearing; therefore, he may have legal counsel present to advise him.

B. A statement of his right to remain silent without assumption of guilt.

C. A statement that the counselor is precluded from testifying in a college hearing regarding information received during the interview.

4. At the meeting with the counselor the Office of the Dean of Students or qualified faculty member designated by the Dean of Students, the following procedure shall be in effect:

1. An effort will be made to resolve the charges by mutual agreement and where warranted to agree on the disciplinary action to be taken.

2. The counselor, if an agreement is reached, shall report his recommendations to the Dean of Students for affirmation and the complainant shall be so notified.

3. If no agreement is reached, or if the complainant or the student so requests, or if the student fails to appear, a hearing will be scheduled before the Faculty-Student Disciplinary Committee.

d. The student shall be informed in writing by registered or certified mail or by personal service of the hearing with sufficient particularity of the charges and of the time and place of hearing. Notice of at least five school days shall be given to the student in advance of the hearing unless the student consents to an earlier hearing. The notice shall advise the student of his right to have legal counsel and witnesses participate at the hearing.

e. At the hearing, before the Faculty-Student Disciplinary Committee, the following procedure shall apply:

1. The specific charges shall be read to the student. If the student admits the charges are true, he shall be given an opportunity to explain his actions before the Committee shall decide on the penalty. If the student denies the charge or is silent, the hearing must continue, the accusing party proceeding first. Both sides may introduce evidence and cross-examine witnesses.

2. The college shall make a record of each disciplinary hearing by some means such as a stenographic transcript, a tape recording, or the equivalent. A disciplined student is entitled upon request to a copy of such a transcript without cost.

3. The student shall have the option to a closed hearing and the right to request an open public hearing. However, a majority of the Committee shall have the right to hold a closed hearing when an open public hearing would adversely affect and be disruptive of the Committee's normal operations.

f. The student shall be sent a copy of the Committee's decision which shall be final subject to the student's right of appeal.

g. The Faculty-Student Disciplinary Committee shall consist of three faculty and three student members plus a chairman. The faculty members shall be selected by lot from a panel of six elected annually by the appropriate faculty body from among the persons having faculty rank or faculty status and the student members shall be selected by lot from a panel of six elected annually in an election in which all students registered at the college shall be eligible to vote. In the event that the Student or Faculty Panel, or both are not elected, the President shall have the duty to select the panel or panels which have not been elected. No member of the Committee shall serve more than two consecutive terms. The Chairman of the Committee shall be selected from among the remaining members of the panel and shall have the power to vote in case of a tie. A quorum shall consist of at least two students and two faculty members. Persons who are to be participants in the hearing as witnesses or who have been involved in preferring charges or who may participate in appeals procedure or any other person having a direct interest in the outcome of the hearing shall be disqualified from serving on the hearing panel. A lawyer from the General Counsel's Office of the Board may be present to act as legal advisor to the Committee.

Section 15.4 APPEALS. An appeal from the decision of the Faculty-Student Disciplinary Committee may be made to the president who may confirm or decrease the penalty but not increase it. His decision shall be
final in the case of dismissals or suspension for more than one term. An appeal from a decision of dismissal or suspension for more than one term may be made to the appropriate Committee of the Board. Any appeal under this section shall be made in writing within fifteen days after the delivery of the decision appealed from. This requirement may be waived in a particular case for good cause by the president or Board Committee as the case may be. If the president is a party to the dispute, his functions with respect to an appeal shall be discharged by an official of the University to be appointed by the Chancellor.

Section 15.5 SUSPENSION OR DISMISSAL. The Board reserves full power to dismiss or suspend a student, or suspend a student organization for conduct which impedes, obstructs, or interferes with the orderly and continuous administration and operation of any college, school, or unit of the University in the use of its facilities or in the achievement of its purposes as an educational institution.

A president or full dean may in an emergency or extraordinary circumstances, temporarily suspend a student, or temporarily suspend the privileges of a student organization or group for cause, pending an early hearing as provided in Bylaw 15.3 to take place within not more than seven (7) school days.

Section 15.6 THE UNIVERSITY STUDENT SENATE. There shall be a University Student Senate responsible, subject to the Board, for the information of University-wide student policy relating to the academic status, role, rights, and freedoms of the student. The authority and duties of the University Student Senate shall not extend to areas of interest which fall exclusively within the domain of the student governments of the constituent units of the University. Consistent with the authority of the Board of Higher Education in accordance with the Education Law and the bylaws of the Board of Higher Education, the University Student Senate shall make its own bylaws providing for the election of its own officers, the establishment of its own rules and procedures, for its internal administration and for such other matters as is necessary for its existence. The University Student Senate shall have full rights and responsibilities accorded student organizations as provided in these bylaws. The representatives to the University Student Senate shall be elected by their respective constituencies.

Section 15.7 COLLEGE GOVERNANCE PLANS. The provisions in a duly adopted college governance plan shall supercede any inconsistent provisions contained in this Article.

Section 15.8 STUDENT GOVERNMENT ACTIVITY DEFINED: A student government activity is any activity operated by and for the students enrolled at any unit of the University provided: (1) such activity is for the direct benefit of students enrolled at the College, (2) that participation in the activity and the benefit thereof is available to all students enrolled in the unit or student government thereof, and (3) that the activity does not contravene the laws of the City, State, or Nation, or the published rules, regulations, and orders of the Board of Higher Education or the duly established College authorities.

Section 15.9 STUDENT GOVERNMENT ACTIVITY FEE DEFINED: Student Government Activity Fee is that portion of the Student Activity Fee levied by resolution of the Board of Higher Education which has been established for the support of Student Government activities. The existing Student Government Activity Fee now in effect shall continue until changed.

Section 15.10 STUDENT ACTIVITY FEE: (a) Student Activity Fees, including Student Government Activities Fees collected by a college of the University shall be deposited in a college central depository and allocated by an approved College Association. A College Association shall be considered approved for purposes of this section if (1) its charter or certificate of Incorporation and bylaws are approved by the President and filed with the Secretary of the Board of Higher Education, and (2) no less than one-half of the members of the College Association and its governing board are students in good standing enrolled at the College, and (3) the student membership of the College Association and its governing board are elected by the student body on a basis which approximates representation proportional to the contribution to student activity fee income from the members of each student government, or the student membership is selected by the respective student government on the same basis.

b. The College and the College Association and Student Governments shall employ generally accepted accounting and investment procedures in the management of all funds. All funds for support of Student Activities are to be disbursed only in accordance with approved budgets and be based on written documentation. The requisition for disbursement of funds must contain two signatures; one, the signature of a student with responsibility for the program; the other the signature of an approved representative of the body governing the budget process of the student activity fee or portion thereof.

c. Student Government Activity Fees shall be allocated by the duly elected Student Government or each student government where more than one duly elected Student Government exists, for its own use and for the use of student organizations, as specified in Section 15.2 of these bylaws, provided, however, that the allocation is based on a budget approved by the duly elected Student Government after notice and hearing.

d. Where more than one elected Student Government exists, the College Association shall allocate the Student Government Activity Fees to each student government in direct proportion to the amount collected from the members of each student government.

e. The President of the College shall have the authority to veto any Student Activity Fee including the Student Government Activity Fee allocation, which in his or her opinion requires further clarification or contravenes the laws of the City, State, or Nation or any policy, regulation, or order of the college. The veto shall not be based on differences of opinion regarding the wisdom or worth of such planned activity. If the college president chooses to exercise a veto, he or she shall consult with the General Counsel and Vice Chancellor for Legal Affairs and promptly communicate his/her decision to the allocating body and student.

f. A referendum proposing changes in the Student Activity Fee shall be initiated by a petition of at least 10% of the appropriate student body and voted upon in conjunction with student government elections.

1. Where a referendum seeks to earmark Student Activity fees for a specific purpose or organization without changing the total Student Activity Fee, the results of the referendum shall be sent to the College Association for implementation.

2. Where a referendum seeks to earmark Student Activity Fees for a specific purpose or organization by changing the total Student Activity Fee, the results of such referendum shall be sent to the Board of Higher Education by the President of the College together with his/her recommendation.

Section 15.11 DISCLOSURE: (a) The College President shall be responsible for the full disclosure to each of the Student Governments of the College of all financial information with respect to Student Activities Fees.

c. The Student Governments shall be responsible for the full disclosure to its constituents of all financial information with respect to Student Government Activity Fees.

d. For purposes of the foregoing paragraphs, full disclosure shall mean the presentation each semester of written financial statements which shall include, but need not be limited to, the source of all fee income by constituency, income from other sources creditable to Student Activity Fee accounts, disbursements, transfers, past reserves, surplus accounts, contingency and stabilization funds. Certified independent auditors performed by a public auditing firm shall be conducted at least once a year.

(The above amended Bylaws of the Board of Higher Education were approved at the May 27, 1975 meeting of the Board.)
RULES AND REGULATIONS FOR THE MAINTENANCE OF PUBLIC ORDER PURSUANT TO ARTICLE 129A OF THE EDUCATION LAW

The tradition of the university as a sanctuary of academic freedom and center of informed discussion is an honored one, to be guarded vigilantly. The basic significance of that sanctuary lies in the protection of intellectual freedoms: the rights of professors to teach, of scholars to engage in the advancement of knowledge, of students to learn and to express their views, free from external pressures or interference. These freedoms can flourish only in an atmosphere of mutual respect, civility, and trust among teachers and students, only when members of the university community are willing to accept self-restraint and reciprocity as the condition upon which they share in its intellectual autonomy.

Academic freedom and the sanctuary of the University campus extend to all who share these aims and responsibilities. They cannot be invoked by those who would subordinate intellectual freedom to political ends, or who violate the norms of conduct established to protect that freedom. Against such offenders the University has the right, and indeed the obligation, to defend itself. We accordingly announce the following rules and regulations to be in effect at each of our colleges which are to be administered in accordance with the requirements of due process as provided in the Bylaws of the Board of Higher Education.

With respect to enforcement of these rules and regulations we note that the Bylaws of the Board of Higher Education provided that:

"THE PRESIDENT. The president, with respect to his educational unit, shall:

a. Have the affirmative responsibility of conserving and enhancing the educational standards of the college and schools under his jurisdiction;

b. Be the advisor and executive agent of the Board and of his respective College Committee and as such shall have the immediate supervision with full discretionary power in carrying into effect the bylaws, resolutions, and policies of the Board, the lawful resolutions of any of its committees and the policies, programs, and lawful resolutions of the several faculties;

c. Exercise general superintendence over the concerns, officers, employees, and students of his educational unit...."

I. RULES

1. A member of the academic community shall not intentionally obstruct and/or forcibly prevent others from the exercise of their rights. No shall interfere with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's instructional, personal, administrative, recreational, and community services.

2. Individuals are liable for failure to comply with lawful directions issued by representatives of the University college when they are acting in their official capacities. Members of the academic community are required to show their Identification cards when requested to do so by an official of the college.

3. Unauthorized occupancy of University college facilities or blocking access to and from such areas is prohibited. Permission from appropriate college authorities must be obtained for removal, relocation, and use of University college equipment and/or supplies.

4. Theft from or damage to property of any person on University college premises is prohibited.

5. Each member of the academic community or an invited guest has the right to advocate his position without having to fear abuse, physical, verbal, or otherwise, or from others supporting conflicting points of view. Members of the academic community and other persons on the college grounds shall not use language or take actions reasonably likely to provoke or encourage physical violence by demonstrators, those demonstrating against, or spectators.

6. Action may be taken against any and all persons who have no legitimate reason for their presence on campus within the University college, or whose presence on any such campus obstructs and/or forcibly prevents others from the exercise of their rights or interferes with the institution's educational processes or facilities, or the rights of those who wish to avail themselves of any of the institution's Instructional, personal, administrative, recreational, and community services.

7. Disorderly or indecent conduct on University college-owned or controlled property is prohibited.

8. No individual shall have in his possession any rifle, shotgun, or firearm or knowingly have in his possession any other dangerous instrument or material that can be used to inflict bodily harm on an individual or damage upon a building or the grounds of the University college without the written authorization of such educational institution. No shall any individual have in his possession any other instrument or material which can be used or is intended to inflict bodily harm on an individual or damage upon a building or the grounds of the University college.

II. PENALTIES

1. Any student engaging in any manner in conduct prohibited under substantive Rules 1-8 shall be subject to the following range of sanctions as hereafter defined in the attached Appendix: admonition, warning, censure, disciplinary probation, restitution, suspension, expulsion, ejection, and/or arrest by the civil authorities.

2. Any tenured or non-tenured faculty member, or tenured or non-tenured member of the administrative or custodial staff engaging in any manner in conduct prohibited under substantive Rules 1-8 shall be entitled to be treated in accordance with applicable provisions of the Education Law or Civil Service Law.

3. Any visitor, licensee, or invitee, engaging in any manner in conduct prohibited under substantive Rules 1-8 shall be subject to ejection and/or arrest by the civil authorities.

APPENDIX

SANCTIONS DEFINED:

A. ADMONITION. An oral statement to the offender that he has violated university rules.

B. WARNING. Notice to the offender, orally or in writing, that continuation or repetition of the wrongful conduct, within a period of time stated in the warning, may be cause for more severe disciplinary action.

C. CENSURE. Written reprimand for violation of specified regulation, including the possibility of more severe disciplinary sanction in the event of conviction for the violation of any university regulation within a period stated in the letter of reprimand.

D. DISCIPLINARY PROBATION. Exclusion from participation in privileges or extracurricular university activities as set forth in the notice of disciplinary probation for a specified period of time.

E. RESTITUTION. Reimbursement for damage to or misappropriation of property. Reimbursement may take the form of appropriate service to repair or otherwise compensate for damages.

F. SUSPENSION. Exclusion from classes and other privileges or activities as set forth in the notice of suspension for a definite period of time.

G. EXPULSION. Termination of student status for an indefinite period. The conditions for readmission, if any is permitted, shall be stated in the order of expulsion.

H. COMPLAINT TO CIVIL AUTHORITIES.

I. EJECTION.

RESOLVED, That a copy of these rules and regulations be filed with the Regents of the State of New York and with the Commissioner of Education.

RESOLVED, That these rules and regulations be incorporated in each college bulletin.

Adopted by the Board of Higher Education June 23, 1969, Calendar No. 3(b)
RULES AND REGULATIONS FOR STUDENTS
PURSUANT TO ARTICLE 224A

1. No person shall be expelled from or be refused admission as a student to an institution of higher education for the reason that he is unable, because of his religious beliefs, to attend classes or to participate in any examination, study or work requirements on a particular day or days.

2. Any student in an institution of higher education who is unable, because of his religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.

3. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school, because of his religious beliefs, an equivalent opportunity to makeup any examination, study or work requirements which he may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity.

4. If classes, examinations, study or work requirements are held on Friday after four o'clock post meridiem or on Saturday, similar or makeup classes, examinations, study or work requirements shall be made available on other days, where it is possible and practicable to do so. No special fees shall be charged to the student for these classes, examinations, study or work requirements held on other days.

5. In effectuating the provisions of this section, it shall be the duty of the faculty and of the administrative officials of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because of his availing himself of the provisions of this section.

6. Any student who is aggrieved by the alleged failure of any faculty or administrative officials to comply in good faith with the provisions of this section shall be entitled to maintain an action or proceeding in the supreme court of the county in which such institution of higher education is located for the enforcement of his rights under this section.

6a. A copy of this section shall be published by each institution of higher education in the catalog of such institution containing the listing of available courses.

7. As used in this section, the term "institutions of higher education" shall mean schools under the control of the board of trustees of the State University of New York or of the Board of Higher Education of the City of New York or any community college.

* For graduate students at the Graduate Division the President of the Graduate Division shall, insofar as practicable, establish procedures, consistent with this Article, to implement the provisions thereof. The sections on student activity fees shall apply to the Graduate Division.

** Throughout these bylaws in any college or unit where the title "Dean of Students" does not exist, the same shall refer to the officer performing the functions which would otherwise be performed by a Dean of Students.
# Abbreviations

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<th>Abbreviation</th>
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<td>ABS</td>
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<td>APT</td>
<td>Advanced placement test</td>
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<td>ALAS</td>
<td>Auxiliary Loans to Assist Students</td>
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<td>BA</td>
<td>Bachelor of Arts</td>
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<td>BEOG</td>
<td>Basic Educational Opportunities Grant (now Pell Grant)</td>
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<td>College-level Examination Program</td>
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INDEX

A
Abbreviations, 154
Absence from Final Examination, 25
Absence of Instructor, 25
Absentee Examinations, 24
Academic Calendar, 25
Academic Honesty, 25
Academic Policies and Regulations, 22
Academic Program, 6
Academic Skills, 36
Access to College Files, 28
Accounting, 59, 61
Accreditation, 6
Administrative Personnel, 146
Admissions, 7
   Early Admission, 7
   Foreign Students, 8
   Freshmen, 7
   Second Degree, 7, 8
   Special Students, 9
   Transfers, 7, 8
Advising Offices (see Student Services)
   Alumni Association, 6
   Anthropology, 36
   Appeals, 22, 25
   Archaeology, 39, 50
   Art, 40
   History, 42
   Studio, 41
AssemblyHours, 33
Astronomy, 111
Athletics, 81
Attendance, 25
Audiology (see Communication Sciences)
Auditing, 25
Auxiliary Loans to Assist Students, 12

B
Banking Services, 33
BEOG (see Pell Grants)
Bilingual Education, 64
Biological Sciences, 43
Black & Puerto Rican Studies, 45
Bookstore, 33
Building Hours, 33
Bursar, 32
Business Programs (see Accounting, Computer Science, Economics, Statistics)

C
Campus Safety & Security, 33
Campus Schools (see Elementary School, High School)
Career Counseling & Placement, 31
Center for Communication Disorders, 84
Certification for Teaching, 62
Change of Name and Address, 28
Chemistry, 47
Chinese, 49
Cinema (see Theatre & Film)
Class Attendance, 25
Classical & Oriental Studies, 50
Classics, 50
College Government, 28
College Entrance Examination Board Advanced Placement Tests, 9
Communication Sciences, 84
Communications, 52
Community Health Education, 85
Comparative Literature, 54
Computer Science, 55
Conduct of Students, 148
Confidentiality of Records, 28, 148
Counseling, 31, 64, 65
Counseling of the Aging, 64
Course Designations, 32
Course Offerings, 36 ff
Creative Writing (see English)
Credit for College-level Work, 9
Credit/No Credit, 23
CUNY Baccalaureate, 15, 136
Curriculum & Teaching, 62, 65

D
Dance, 56
Deans' Hours, 33
Deans' List, 27
Degree, Certificate, and Diploma Programs, 137
Degrees, BA, BS, BFA, BMus, BA/MA, BA/MS,
   CUNY Baccalaureate, 15
Departmental Majors, 18
Departmental Programs, 36 ff
Dietetics (see Home Economics)
Dismissal, 24
Distribution Requirement, 15, 16-17

E
Early Childhood Education, 63
Economics, 58
Educating the Adult, 84
Education, 62
Educational Foundations, 62, 65
Educational Services, 32, 62
Education for Public Service, 20
Electives, 18
Elementary Education, 63
Elementary School, Hunter College, 6, 62
Energy Policy Studies, 67
Engineering (see Pre-engineering)
English, 66
English Language Arts, 71
Enrollment Statistics, 6
Environmental Health Science, 85
Environmental Science Studies, 71
Ethnology, 37
Evening Session, 6
Exemption Examinations, 9

F
Faculty, 138
Fees, 10
Field Instruction Centers, 88
Film, 130
Final Examinations, 25
Financial Aid, 10
   College Programs, 13
   Federal Programs, 10
   New York State Programs, 11
Financial Aid, Office of, 31
Financial Obligations, 28
Foreign Language Requirement, 15, 16-17
French, 120

G
General Studies, School of, 6, 31
General Physical Education, 81
Geology & Geography, 73
German, 76
Grading Systems, 23
Graduate Programs, 6
Graduation-in-Absentia, 9
Grants (see Financial Aid)
Greek, 51
Guaranteed Student Loan Program, 12

H
Health & Physical Education, 79
Health Regulations, 28
Health Sciences, School of, 83
Hebrew, 91
HEGIS Codes, 137
High School, Hunter College, 6, 63
History, 93
Home Economics, 96
Honor Societies, 27
Honors
  Curriculum, 21, 97
  Departmental, 27
  Program, 21, 97
  Honors Work (see Individual Departments)
  Hours (see Building Hours)
Human Movement Studies, 80
Humanities and the Arts, Interdisciplinary Courses in, 99
Hunter College Scholars Program, 13
Hunter-Mannes Consortium, 21, 105
Hunter Fund, 14

I
ID Card, 33
Incomplete Work, 24
Independent Learning by Achievement Contract, 9, 136
Independent Study Courses, 9
Information Center, 31
Inservice Learning Internships, 20
Inter-American Affairs, 98
Interdepartmental Fields, 18
Interdisciplinary Courses, 83, 99
International Affairs (see History)
International Politics (see Political Science)
International English Language Institute, 8
Internship Program in NYC Government, 20, 114
Italian, 122

J
Jewish Social Studies, 100
Junior Year in NY Program, 20

L
Language Laboratory, 32
Language Pathology (see Communication Sciences)
Latin, 51
Law (see Pre-law)
Library, 32
License and Certification, NYC and NYS Teaching, 19, 62
Linguistics, 38
Loans, 14

Locker Contract, 81
Lost and Found, 33

M
Majors, 18
Manhattanville College-Hunter College Consortium, 21, 105
Marymount Manhattan Exchange, 21
Mathematical Sciences, 101
Media Studies (see Communications)
Medical Laboratory Sciences, 86
Medical Office, 33
Medical Records and Examinations, 28
Medicine (see Premedical)
Minimum Proficiency, 15, 18
Minority Access to Research Careers (MARC), 20, 36, 116, 127
Minority Biomedical Research Support (MBRS), 20
Minors, 18
Music, 104

N
National Direct Student Loan, 11
Nursing, Hunter College-Bellevue School of, 106

O
Ombudsman, Hunter College, 31
Orientation Seminar, 136

P
Parent Loans for Undergraduates, 12
Pell Grants, 10
Phi Beta Kappa, 27
Philosophy, 109
Physical Activity Cards, 28, 81
Physical Education, 78
Physical Science, 112
Physical Therapy, 87
Physics & Astronomy, 111
Placement, 31, 32
Polish, 126
Political Science, 113
Portuguese, 124
Pre-engineering, 19, 112
Pre-health Professions, 19
Pre-law, 19, 114
Premedical, 19
Preparation for Social Work, 19
Pre-professional Programs, 19
Professional Option, 19
Professors Emeriti, 144
Program Planning, 19
Program of Study, 15
Programs in Education, 62
Psychology, 116
Public Administration (see Political Science)
Puerto Rican Studies, 45

R
Readmission, 8
Records and Transcripts (see Registrar)
Repeating Courses, 24
Regents Award and Scholarships, 12
Registrar, 32
Regulations for Student Conduct, 148
Religion, 118
Remediation (see Minimum Proficiency)
Retention Standards, 23, 24
Repeating Courses, 24
RN Pathway (see Nursing)
Romance Languages, 120
Russian & Slavic Languages, 125

S
Scholars Program, 13
Scholarship and Welfare Fund, 6, 13–14
School of General Studies, 6
Sciences and Mathematics, Interdisciplinary Courses in, 99
Secondary Education, 64
Security, 33
SEEK, 7, 36
Senate, Hunter College, 28
SEOG, 10
Sigma Xi, 27
Social Sciences, Interdisciplinary Courses in, 99
Social Sciences Data Laboratory, 20
Social Work (see Preparation for Social Work)
Sociology, 127
Spanish, 123
Special Honors Curriculum, 21, 97
Special Programs, 20
Special Services, 31
Speech and Hearing, 65
Speech Pathology (see Communication Sciences)
Sports, Intercollegiate, Intramural, Recreational, 81
Statistics, 101, 103
Student Governments, 28
Studio Art, 41
Student Regulations and Rights, 148
Student Services, Office of, 31
Study Abroad Program, 21
Suspension of Classes, 26
Swahili, 47

T
TAP (Tuition Assistance Program), 11
Teacher Education, 19
Teacher Placement, 32, 62
Teaching English as a Second Language, 64
Television (see Communications)
Theatre & Film, 129
Traineeships, 11
Transcripts (see Registrar)
Transfer of Credits, 9
TTT (Training Tomorrow’s Teachers), 63
Tuition and Fees, 10
Tutoring, 32

U
Ukrainian, 126
University Regulations, 148
Urban Affairs, 132
Urban Studies Major, 132
US Armed Forces Institute Courses, 9

V
Veterans, 32

W
Withdrawal from College, 26
Withdrawal from Part of Program, 26
Women’s Studies, 134
Work-study Program, 11
Writing Center, 32

Y
YIVO Institute Exchange, 21
Yoruba, 47
Across from the battlements of the old Hunter stands one of the College's two new 17-story buildings. The modern towers, which connect with the main (north) building by bridges spanning both Lexington Avenue and 68th Street, will open during the 1982-83 academic year. And for the first time since 1940, when the familiar building at 695 Park Avenue was dedicated, all classes will be held under Hunter roofs: at the Park Avenue complex, at the School of Social Work on East 79th Street, and at the Brookdale Center, home of the Schools of Nursing and Health Sciences, on East 28th Street.

Fully air-conditioned, the new towers will contain—in addition to the library and sports facilities—cafeterias, outdoor terraces, offices, lecture halls, and classrooms.
Hunter College does not discriminate on the basis of sex, religion, race, handicap, age, color, national or ethnic origin, or marital status.

The course descriptions in this catalogue summarize the full, official descriptions authorized by the Hunter College Senate. Full descriptions are available in appropriate department offices.

Hunter College reserves the right to change rules, policies, fees, and curricula without advanced notice.