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Hunter College History

Hunter College, the second-oldest college in The City University of New York, is a coeducational, fully accredited college, with a large and diverse 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.

The Female Normal and High School: Hunter, originally called the Female Normal and High School, first opened its doors on Valentine's Day in 1870. Classes met in eight rooms over a carriage shop at Broadway and Fourth Street. One thousand students were enrolled, but the school had only 800 seats and many students were forced to attend part time. A scant five months later, as reported in The New York Times July 13, 1870, the "First Commencement of the Institution" was held at the Academy of Music (now known as the Palladium).

The Times described the evening's proceedings as "... substantial evidence of the success of the ... College... The graduating class ... numbered ninety-six ... ranged in fair ranks upon the stage and in the parquet ... [C]rowds of spectators [overflowed] into the lobbies and even down the stairways."

Thomas Hunter, an immigrant from Ireland, and Commissioner William Wood, a member of the Board of Education, had realized their dream of opening a school to prepare young women to teach in the city's public schools. Although New York's public schools were still segregated, Thomas Hunter insisted that the new school admit all young women who qualified—through competitive examinations—regardless of race, religion or social class. The school, said Hunter, "must admit colored and white girls on equal terms."

The Female Normal and High School was the first public school to offer free higher education to women in New York City; as a result, teachers were soon required to be licensed to teach by virtue of having attended the Normal School or an equivalent institution.

The first students to attend the Normal School, girls approximately 14 years of age, read only one textbook for each subject. They were required to study several languages in addition to a wide range of other subjects, including Ancient History, Intellectual Philosophy and Rhetoric, Theory and Practice of Teaching, and Physics and Physiology. The faculty, seven men, including President Hunter, taught the liberal arts and science courses. Lydia Wedleigh, the Lady Superintendent, supervised the tutors and assistants, all of whom were women. They taught Drawing, Bookkeeping and Penmanship and other subjects taught in New York City's primary schools.

There was a librarian—but no library, fifteen minutes of "physical culture" every day—but no gymnasm, and no extracurricular activities. President Hunter believed recreational activities were best confined to home and family and were certainly not a matter for public display. As for strenuous exercise, it was neither healthy nor dignified for adolescent girls. Students whose punctuality was not of the first order were sent to the detention room.

Public Education and Democracy: While these proscriptions may seem quaint today, in many ways Thomas Hunter transcended his time. He was a visionary; his ideals continue to define the mission of Hunter College. He believed in education for girls as well as for boys. He believed in education for service to the community. Most of all, at a time when some opposed public education for the common people because it would "only enlarge their capacity for mischief," he believed in public education as an indispensable bulwark of democracy, the means of giving all children the opportunity and the knowledge needed to enable them to become useful and intelligent citizens.

In 1885 Hunter wrote: "Public schools and liberty are one and inseparable...[T]hey live or die together." Five years later, elaborating on the link that must be forged between education and democracy, he said: "...[W]e must educate the masses if we are to perpetuate a free government among the people."

Students: Hunter celebrated its 125th anniversary in 1995. Today, with nearly 20,000 students, Hunter is the largest public college in New York City. The College continues to educate women—still almost 75 percent of the total enrollment—and, since 1951, men.

There are approximately 8,000 full-time undergraduates. An additional 7,000 part-time students are divided between degree and non-degree programs. Over 4,500 graduate students are studying in arts and sciences and teacher education programs and at the Schools of Social Work, Health Sciences, and Nursing.

Reflecting recent demographic shifts that once again have changed the face of New York, Hunter's student body is more diverse than ever. Hunter students come from 84 countries and speak some 40 languages. And today's students have much in common with earlier Hunter graduates. Many are the children of immigrants; in many cases, they are the first in their family to attend college. Most Hunter students work, some hold more than one job.

Epitomizing Thomas Hunter's ideal of learning for service to the community, many leave successful careers and enroll at Hunter because they want to help others; they strive to become teachers, nurses, research scientists, urban planners and therapists.

And Thomas Hunter's unequivocal support of equal access for all is still the basis for admission to Hunter: minorities make up more than half the College's undergraduate population and Hunter ranks high among all U.S. colleges in the number of master's degrees earned by minority students. Although the College is no longer tuition-free, it continues to fulfill Thomas Hunter's mandate to make education available to all.

The College is anchored by the main campus at 68th Street and Lexington Avenue, a modern complex of four buildings interconnected by skywalks. The Hunter-Bellevue School of Nursing, one of the nation's largest nursing programs, and the School of Health Sciences, noted for its outstanding programs in communication sciences, community health, and physical therapy, are located on East 25th Street. The Hunter College School of Social Work, recently listed among the top ten schools of its kind in the nation by U.S. News and World Report, is uptown, at East 79th Street. The Campus Schools at Park Avenue and 94th Street — an elementary school and a high school for the gifted — are renowned, as is the College itself, for their tradition of academic excellence.
Programs: Hunter College offers more than 90 undergraduate programs and more than 50 graduate programs. The library, a nine-story, state-of-the-art facility, houses 750,000 books and subscribes to more than 2,000 periodicals. Recently new computer, multimedia and Internet labs were installed, and the first CD-ROM network was created. The CD-ROM network provides access to indexes, abstracts, and complete texts and multimedia resources. Access to the information superhighway is available through Internet labs.

Long known for its distinguished liberal arts and sciences curriculum, Hunter also prepares its students for careers in almost every conceivable field, offering courses from art and biological sciences to urban affairs and women's studies. Hunter students are admitted to medical schools at a rate 25 percent higher than the national norm; the percentage of those admitted to law school is even higher. Hunter graduates win many coveted prizes and awards, including Fulbright and Mellon fellowships and Howard Hughes Predoctoral Fellowships, and they are accepted into graduate programs at the nation's most prestigious universities.

Unlike those enrolled in the Normal College who were admonished to confine their extracurricular activities and strenuous exercise to their homes, today's students can participate in more than 150 clubs and many sports. Hunter offers what is widely considered the premier athletic program in The City University of New York. Hunter's softball, tennis, and men's and women's volleyball teams consistently win CUNY championships. Since 1990, Hunter's sports teams have captured more than 20 CUNY Athletic Conference championships. And in

March 19, 1872 Cornerstone of Park Avenue Building is laid.
June 29, 1872 Inaugural meeting of the Associate Alumnae.
October 29, 1873 Normal College on Park Avenue opens and is formally dedicated.
1887 The first tuition-free public kindergarten in the U.S. is established at the Normal College.
March 12, 1888 Normal College is closed by 22-inch blizzard.
June 19, 1886 New York State Legislature gives the Normal College the right to grant degrees.
December 19, 1888 "...the salaries of...teachers in the Training Department [have] been increased to $500 each per annum...."
1889 The Associate Alumnae is incorporated.
April 1889 The Alpha Beta Gamma and the Philomathean chapters jointly produce the Echo, the first undergraduate publication, which appears until 1966.
June 23, 1892 First BA degree— (non-regents accredited)— conferred.
1894 The Normal College accepts the Associate Alumnae Library as a gift.
1902 The annual yearbook edition of the Echo becomes the Wistarion yearbook.
June 1902 This graduating class is the first to wear academic caps and gowns.
1903 High school and college courses separated.
1906 President Thomas Hunter retires.
December 23, 1908 State recognition of Normal College BA makes degree equal to degrees awarded at other women's colleges.
June 1909 Faculty marches in full academic regalia at commencement for the first time.
1911-1912 Student Council is established.
1913 A new six-story structure (later renamed Thomas Hunter Hall) is built on Lexington Avenue.
1933, Hunter teams won renown for an unprecented feat; both the men's and women's basketball teams were CUNY champions.

**Community Service:** Hunter serves New York—and the nation—by giving its students a first-rate education. It also serves through specialized programs such as the Public Service Scholar Program, which places students in internship positions in non-profit and government agencies. Students act as tutors, peer counselors, and translators in city hospitals that serve the city's new immigrant population. The College's highly regarded research centers and institutes are also noted for their cutting-edge work they do. These centers include the Brookdale Center on Aging, the Center on AIDS, Drugs, and Community Health, the Center for Occupational and Environmental Health, the Center for the Study of Family Policy, Centro de Estudios Puertorriqueños, and the Institute for Molecular Structure and Function.

**Faculty:** The small faculty assembled by Thomas Hunter in 1870 has grown to a roster of almost 1,300 extraordinarily accomplished men and women, full- and part-time faculty, who have brought luster to the College by their many scholarly, artistic and scientific achievements.

Hunter's faculty has included many distinguished scholars, educators, and creative artists, all greatly esteemed in their fields; many of them are well known to the public at large. Among the latter are authors Irving Howe, Alfred Kazin, and Philip Roth, poet (and Hunter alumna) Audre Lorde, actress Claire Bloom, director Harold Clurman,

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**April 4, 1914** State Legislature authorizes change of college name to Hunter College of The City of New York.

**July 1916** First Summer Session.

**February 1917** First Evening and Extension Sessions.

**1919** The Alumnae open a Bureau of Occupations, which later becomes the Career Counseling and Placement Bureau.

**February 1920** The Bronx Branch is established.

**February 11, 1920** A Phi Beta Kappa chapter is established.

**September 8, 1921** Graduate programs are introduced at Hunter College.

**February 1925** The Brooklyn Branch is established.

**February 1926** The Queens Branch is established.

**May 26, 1926** Mayor Walker calls first meeting of the Board of Higher Education.

**1929-1933** The Bronx Campus (later to become Lehman College) is constructed.

**February 14, 1936** The main building of Hunter College at Park Avenue and 68th Street is destroyed by fire.

**April 6, 1937** Board of Higher Education authorizes the creation of Queens College.

**1938** President Colligan introduces the present organization of the faculty and departments.

**October 8, 1940** New building dedicated at Park Avenue and 68th Street.

**1940** Franklin Delano Roosevelt dedicates performing arts centers at Hunter.

**November 22, 1943** Roosevelt House is dedicated as the first collegiate interfaith center in the nation.

**February 1943 to December 1945** Bronx Campus is turned over to the Navy as a training center for 80,000 WAVES. GI Bill of Rights brings men to the main campus.

**March 4, 1946** The first regular session of the U.N. Council and General Assembly is held at Bronx Campus.

**March 30, 1948** Teacher Education Program is established.

**1949** The Alumnae Association initiates a Scholarship and Welfare Fund.

**September 14, 1951** First coeducational registration is held at Hunter in the Bronx.

**February 1, 1956** The Louis M. Rabinowitz School of Social Work (later to become the Hunter College School of Social Work) is established.

**September 1, 1961** The City University of New York is established.

**September 14, 1964** First coeducational registration is held at Park Avenue Campus.

**July 17, 1967** The Bellevue-Mills School of Nursing is transferred to Hunter College.

**July 1, 1968** The Institute of Health Sciences is established.

**July 1, 1968** Lehman College, formerly Hunter College in the Bronx, gains independent status.

**March 5, 1969** The School of Social Work opens on East 79th Street.

**September 1969** The Institute of Health Sciences commences operations in conjunction with the Mount Sinai School of Medicine.

**1976** Tuition is imposed at The City University of New York.

**1977** Nobel Prize winner in medicine: Rosalyn Yalow, Hunter alumna (1941).

**1983** President Donna Shalala inaugurates the opening of the East and West buildings.

**1988** Nobel Prize winner in medicine: Gertrude Elion, Hunter alumna (1937).

**November 8, 1993** The Sylvia and Danny Kaye Playhouse opens.

**February 14, 1995** Hunter College celebrates its 125th anniversary.
The Performing Arts: The commitment to excellence that has always been the hallmark of a Hunter education extends to the performing arts. From 1943 until 1975, when the Hunter College Concert Bureau was closed during the city’s fiscal crisis, Hunter’s major performance spaces at the Lexington Avenue campus provided the city with a premier center for outstanding theatre, music and dance. Those who appeared at Hunter under the aegis of the bureau constitute a who’s who of the world’s greatest artists. Since the opening of The Sylvia and Danny Kaye Playhouse in 1993, Hunter is well on its way to serving the city once again as a center for preeminent cultural and educational events.

In its splendid record of affording access and its emphasis on and dedication to excellence and service, Hunter College has kept faith with its founder. Hunter is, in his words, "an institution [that is] ... a credit to the city that supports it.”

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 goal is basic to Hunter’s educational philosophy.

Hunter College is a major educational center in The City University of New York system. CUNY, which brings 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 achieved with its students.

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 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. The evening session director coordinates student services and academic programs for these students. Non-degree students in the evening session 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 over 40 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 Wexler Library.

The International English Language Institute offers beginner to advanced level courses in English as a second language to students from all over the world. Classes are held in the morning, afternoon, evening, and on Saturdays. Full-time and part-time programs are available in the day and evening. Part-time programs are available evenings and Saturdays. Preparation courses for the CUNY Reading and Writing Assessment Tests, as well as the Test of English as a Foreign Language (TOEFL), are available to advanced level students. Students who successfully complete the Institute's most advanced levels and who meet all other academic admission requirements, are not required to take TOEFL for admission to undergraduate programs in The City University of New York. The IELI phone number is (212) 772-4290.

The Hunter College Elementary School (nursery, kindergarten, and grades 1-6) and The Hunter College High School (grades 7-12), both coeducational, serve as demonstration schools and research facilities for the teacher education program. Student teacher placements, and observations are done at the school.

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 Accredi-
Admissions
Office of Admissions
Hunter College
695 Park Avenue
New York, NY 10021
(212) 772-4490

Students may apply for admission to the College for either degree status (matriculation) or non-degree status (non-matriculation). Application fees are non-refundable.

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 (fewer 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)
Students who are not interested in earning a degree but wish 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
Applications for degree status fall into one of 4 categories—Freshman, Transfer (Advanced Standing), Readmission, and Non-degree to Degree. Applications may be obtained in the Office of Admissions, Hunter College North Building, Room 203 or by calling 772-4490.

1. Freshman Applications for this status are processed by the University Application Processing Center (UAPC), P.O. Box 50136, Brooklyn, NY 11235-0001; (212) 947-4800. An application fee of $35.00, in the form of a check or money order payable to UAPC, is required of all applicants.

2. Transfer (Advanced Standing) Applications for this status are processed by the University Application Processing Center (UAPC), P.O. Box 359023, Brooklyn, NY 11235-9023; (212) 947-4800. An application fee of $40.00, in the form of a check or money order payable to UAPC, is required of all applicants who are not currently attending a unit of CUNY.

3. Readmission Applications for this status are available in the Registrar's Office, Hunter College North Building, Room 217. A readmission fee of $10.00 in the form of a check or money order payable to Hunter College, is required of all applicants not currently enrolled at Hunter.

Students educated abroad file a transfer (advanced standing) application.

I. Freshman Admission
Students who wish to apply to Hunter College must have graduated from high school with at least an 80% average or place in the top one-third of their class or have a total (verbal and math) score of at least 1020 on the Scholastic Aptitude Test. Applicants who do not hold a high school diploma must have achieved a GED score of at least 300. SAT scores and rank in class are considered for currently enrolled high school seniors only.

Students whose City University freshman applications are completed on or before October 15 for spring admission or January 15 for fall admission are considered first. Applications completed after these dates will be processed on a space-available basis depending upon the program selected.

Those interested in programs within the School of Nursing or the School of Health Sciences should refer to the sections devoted to these schools. Programs within the School of Health Sciences do not admit students as freshmen. Applicants for freshman admission should apply for the liberal arts and sciences program.

Students who have enrolled in a college or university after graduating from high school must file a transfer application.

Special Admission Programs for Freshmen
Early Admission Students with superior high school records 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 3 high school recommendations. Students are admitted only in the fall semester. Applications must be filed directly with Hunter's Admissions Office before April 1.
SEEK Program (Search for Education, Elevation, and Knowledge), a program of The City University of New York, helps economically and educationally disadvantaged students who do not meet the standard admission criteria 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. 19 for additional information.)

II. Transfer (Advanced Standing) and Non-degree to Degree Admission

Students applying for admission after having attended another regionally accredited college or university or Hunter (as a non-degree student) must meet the following minimum criteria (with the exception of the School of Nursing and the School of Health Sciences):

<table>
<thead>
<tr>
<th>Number of Credits Earned</th>
<th>Admission Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i.e. credits completed at time of application)</td>
<td></td>
</tr>
<tr>
<td>0-13.9</td>
<td>High School academic average of at least 80% or GED of at least 300 and a cumulative college grade point average of at least 2.0</td>
</tr>
<tr>
<td>14-23.9</td>
<td>High School academic average of at least 60% and a cumulative college grade point of at least 2.0 or A cumulative grade point average of at least 2.5 regardless of high school academic average</td>
</tr>
<tr>
<td>24 or more credits</td>
<td>A cumulative grade point average of at least 2.0</td>
</tr>
</tbody>
</table>

Non-degree students who have attended Hunter College as well as those currently enrolled must have a minimum grade point average of 2.0 in their Hunter course work.

Deadline for Filing Transfer (Advanced Standing) and Non-degree to Degree Applications

Students whose City University transfer applications are completed on or before November 1 for spring admission or March 15 for fall admission are considered first. Applications completed after these dates will be processed on a space-available basis depending upon the program selected. Students filing a Hunter College non-degree to degree application must do so on or before December 1 for spring admission or July 1 for fall admission.

Admission to Health Sciences and Nursing

All students currently enrolled at Hunter as degree students who wish to be considered for admission to programs in the schools of Health Sciences and Nursing should consult the academic department that offers the specific program. Students enrolled in the lower division, pre-clinical phase of the Nursing program who wish to make application to the upper division clinical phase should consult the Admissions Office for the appropriate application. All other applicants for the Schools of Health Sciences and Nursing file a freshman or transfer application.

School of Health Sciences

The requirements for consideration for admission to programs in the School of Health Sciences are as follows:

Community Health Education Completion of 60 credits; minimum GPA of 2.5; one semester of biology with lab.

Medical Laboratory Sciences Completion of 60 credits; minimum GPA of 2.5; one year of general chemistry with lab; one year of biology with lab.

Nutrition and Food Science Completion of 60 credits; minimum GPA of 2.5; and 2 of the following 3 prerequisites: one semester of general chemistry with lab, one semester of organic chemistry with lab, one semester of biology with lab.

Physical Therapy Completion of 64 credits; minimum 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; one semester of English composition; one semester of college-level mathematics and one semester of statistics (no more than one semester of any of the above may be completed during the summer preceding entrance). Applicants must present documented evidence of exposure to the profession through 100 hours of either volunteer work or paid employment, of which at least 50 must be in a hospital-based clinical setting. Applicants should contact the program by calling (212) 481-4469 between November 1 and February 1 to receive a clinical experience form. The form must be completed and returned to the program by March 15. Students enter this program in the fall only. For more detailed information, see page 116.

Note: The physical therapy program is highly competitive. Approximately one out of every 8 applicants is admitted each year. The student's grade point average, completion of prerequisite courses, number of college credits earned, and quality of clinical experience are all carefully considered in making admission decisions. Neither a high grade point average nor any other single attribute guarantees admission.

School of Nursing

The nursing program has 2 pathways: the Generic Pathway, for students without an RN license, and the RN Pathway, for those who have completed a nursing program and have, or are about to receive, a license to practice professional nursing in New York State. The Generic program consists of a lower division (pre-clinical phase) and an upper division (clinical phase). The RN pathway is an upper-division program only. Freshmen or those with fewer than 64 credits may apply to the School of Nursing for the lower division (pre-clinical phase) and must reapply to the School of Nursing after completing 64 credits, including specific prerequisite courses, for admission to the upper division (clinical phase).

Applicants to the upper-division programs must have a minimum overall GPA of 2.5 in all college-level coursework. However, the minimum GPA is variable and is determined by the academic strength of the applicant pool. All applicants, except those who hold a U.S.-accredited baccalaureate degree, are required to pass the Hunter College skills assessment tests in reading, writing, and mathematics before the beginning of their first semester.

Generic Pathway Program Applicants for the upper division, clinical phase, must have completed 64 college credits (including credits in progress). See the Nursing section for specific lower-division coursework required for upper-division consideration. The upper division of the Generic Pathway Program admits students in the fall semester only. Students must attend during the day on a full-time basis.
RN Pathway Program  Applicants must have completed 40 credits of liberal arts and sciences (including credits in progress) at an accredited college plus the equivalent of 24 credits in nursing. In order to validate knowledge of nursing, all students must take and pass the Regents College Examinations (RCE) in adult nursing, maternal and child nursing, and psychiatric/mental health nursing before the end of their first semester. Transfer students who hold Associate Degrees in Nursing from CUNY institutions need not take the RCE, as they will be granted 24 nursing credits through advanced standing. [For more information about the RCEs, contact the State Education Department in Albany, NY, (518) 473-8957.] All applicants must be licensed to practice professional nursing in New York State before the beginning of their first semester. A one-semester extension is granted for recent graduates of associate degree programs. The RN Pathway Program admits students in both the fall and spring semesters. RN Pathway students may attend during the day or evening on a full- or part-time basis.

III. Degree Readmission

Undergraduate students who have not been in attendance for one or more semesters and did not receive a degree from the College must apply for readmission. However, there is no need to apply for readmission if you received an official withdrawal ("W" grade) for the semester prior to the one in which you would like to return. Students with a grade point average of 2.0 or higher who have no stops on their record are approved for readmission. The Office of Student Services or the Department of Academic Skills (for SEEK students) must review all records of students with GPAs below 2.0. Students are encouraged to file their applications for readmission at least 3 months in advance of the printed deadline. Deadlines for readmission are September 15 for spring, April 15 for summer and fall admission. The current "Schedule of Classes" should be consulted for changes in readmission policy.

SEEK students who have not been in attendance for 4 or more semesters and/or have been in the program for 10 semesters will not be readmitted to SEEK. Students with more than 60 credits who do not wish to return to SEEK must receive a release from the director of the SEEK program.

IV. International Degree Applicants

International 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.

Applicants whose native language is not English and who hold a temporary visa are required to take the Test of English as a Foreign Language (TOEFL) and to achieve a score of at least 500 on the examination. 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.

Applicants are responsible for the payment of all tuition fees at the time of registration. Because no financial assistance is available to international students, they must be in a position to finance the cost of their education and living expenses (estimated at $14,000 to $16,000 per year).

If the applicant plans to enter or remain in the US on a student visa (F-1), it will be necessary to complete a Certification of Finances form and provide documented proof of financial support confirming that he or she has the funds necessary to cover all College tuition and personal expenses. This form and documentation are required in order to obtain the I-20 AB Certificate of Eligibility.

Overseas applicants who are interested in attending Hunter College are advised not to come to the US on a B-2 Visitor's Visa. Unless prearranged through the American consul (and unless the visa is marked "prospective student"), the B-2 Visitor's Visa will not be changed to the F-1 student visa once the applicant enters the US.

The I-20 AB form (required by the US Immigration Office) is issued only to students who have been accepted as full-time matriculants. Hunter College does not make housing arrangements for students; it is essential that students be prepared to make their own housing arrangements upon arrival.

ADMISSION WITH NON-DEGREE AND PERMIT STATUS

General Rules for Non-degree Admission

All students wishing to enroll at Hunter as non-degree students must file applications directly with the Hunter Admissions Office. Non-degree students may register for any course for which space is available at the time of registration, provided they have met the prerequisites, and have taken and passed applicable placement tests.

Non-degree students are required to demonstrate basic levels of competence in reading, writing and mathematics through proficiency testing prior to registration. These tests determine whether or not a student is prepared for courses in the college curriculum, and do not guarantee placement in specific courses. Students who do not comply with the testing requirements will find access to courses severely limited, Baccalaureate, master's, or doctoral degree holders (from a college or university accredited by a regional U.S. accrediting association) and senior citizens are exempt from testing, provided proof is submitted along with their application.

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 by April 15 for summer and fall, September 15 for spring.

A non-degree admission fee of $35.00 will be charged at the student's first registration. Verification of at least a high school diploma must be submitted, along with the non-degree application. See the back of the non-degree application for further information.

High School Seniors

High school students may register as non-degree students while continuing their high school studies with the written approval of their high school principal.

Non-degree Readmission

Undergraduate students who have not been in attendance for one or more semesters must apply for readmission. However, there is no need to apply for readmission if you received an official withdrawal ("W" grade) for the semester prior to the one in which you would like to return. Students with a grade point average of 2.0 or higher who have no stops on their record are approved for readmission. The Office of Student Services must review all records of students with GPAs below 2.0. Students are encouraged to file their applications for readmission in advance of the printed dead-
line in order to allow enough time for processing. Deadlines for readmission are September 15 for spring, and April 15 for summer and fall. The readmission fee of $10.00 will be charged at registration.

**Permit Students from CUNY Colleges**

Students matriculated at another unit of CUNY must complete the CUNY Permit Application with the Registrar of their home college. They must then file the approved permit with the Hunter College Registrar's Office.

**CREDIT FOR COLLEGE-LEVEL WORK**

**Credit Earned at Other Institutions (Transfer Credit)**

Coursework taken at other institutions is evaluated after the student is matriculated at Hunter. The Evaluation Unit of the Admissions Office, which determines whether and how much credit is granted, mails evaluations directly to the student. (For students who have studied abroad see below.)

**Credits Eligible for Transfer** Generally, all college-level liberal arts courses taken at an accredited institution in which the student earned a grade of C or better (D or better for colleges within the City University) are accepted for credit up to the maximum allowed. Note that although grades in courses taken at other institutions are considered in making admissions and transfer-credit decisions, they are not entered on the student's Hunter College record nor are they computed in the student's cumulative grade point average at Hunter. However, all credits and grades earned at Hunter College while in a non-degree status will be credited toward the degree and calculated in the cumulative grade point average.

Courses taken at institutions not accredited by one of the regional accrediting associations are not transferable.

**Number of Credits Transferable** The maximum total number of credits that may be transferred from all other accredited institutions to Hunter College is 65. There is a 75-credit limit on the number of credits that may be transferred from 2-year institutions.

All candidates for a degree at Hunter must take a minimum of 30 credits as a degree student at the College, including at least half the credits needed for the major and half required for the minor; in the case of an interdepartmental field, half of the total credits required must be taken at Hunter.

**Student Reporting Requirements** Students must list all institutions attended on the admissions application and submit official transcripts. Failure to do so will result in denial of transfer credit for courses taken at schools not listed and referral to the Admissions Review Committee for reconsideration of eligibility for admission status.

The student is responsible for submitting updated transcripts for coursework that was in progress at the time the student filed an application within one year of the date of admission to Hunter College. Updated official transcripts should be sent to the Evaluation Unit of the Admissions Office.

**Courses Taken Abroad** Coursework taken in other countries is evaluated for transfer-credit decisions after the student has been admitted and has registered for the first semester at Hunter. The International Student Advisor in the Office of Student Services makes the evaluation. Applicants for transfer credit should submit catalogs or detailed descriptions of post-secondary-level courses taken to facilitate transfer decisions.

**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, North Building room 203.

**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. To earn a Hunter College degree, the distribution requirement must be met, and at least 30 credits of Hunter coursework, including half the major and half the minor, must be taken at Hunter.

**Courses at Other Accredited Institutions** Students taking courses at other accredited institutions while still in attendance at Hunter may transfer course credits to Hunter provided they have obtained a permit from the Office of the Registrar. Note: Hunter students may not take courses on permit during their final semester prior to graduation.

**Independent Learning by Achievement Contract (ILBAC)** This interdisciplinary program offers students who have earned at least 30 college credits with a minimum GPA of 3.2 an opportunity to design an individualized part of their curriculum. Students must select a faculty committee and design a written contract that outlines the proposed work, a plan for progress reports, a method for evaluating the work, and the number of credits to be earned. The project may entail an oral presentation, written paper, artistic performance, laboratory experiment, public lecture, or research. Students must plan the project and gain approval the semester prior to registration. Interested students may obtain further information from the Office of Student Services.

**College Entrance Examination Board Advanced Placement Tests** 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. Those who are similarly prepared but whose score is 3 (creditable) may also be exempt from a corresponding course at Hunter, provided the appropriate Hunter department so recommends.

**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.

**Regents College Examinations (RCE)** Students who have taken the Regents College Examinations (RCE) 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.

**Departmental 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 it 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. Enrollment in such courses always requires prior departmental approval. The student does not always have to be on campus while completing the work.

**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**

**Effective Fall, 1995**

The City University of New York adopted the revised schedule of student tuition and fee charges below effective for the first full semester in the Fall of 1995.

All resident senior or community college first-time freshmen who enroll in any CUNY undergraduate degree program on or after June 1, 1992, shall be entitled to a waiver of 100 percent of all resident tuition charges for the final semester of study culminating in a baccalaureate degree, on a one-time basis only, regardless of original CUNY college or program of enrollment, subject to verification of completion of baccalaureate degree requirements at any CUNY college.

**Undergraduate — Matriculated** — enrolled prior to 6/1/92 at a CUNY institution

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>$1,475</td>
<td>$3,275</td>
</tr>
<tr>
<td>Part-time</td>
<td>$125 cr.</td>
<td>$275 cr.</td>
</tr>
</tbody>
</table>

**Undergraduate — Matriculated** — 1st time freshmen or non-CUNY transfer

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Non-Resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>$1,600</td>
<td>$3,400</td>
</tr>
<tr>
<td>Part-time</td>
<td>$135 cr.</td>
<td>$285 cr.</td>
</tr>
</tbody>
</table>

**Undergraduate — Non-degree**

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Non-resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>$160 cr.</td>
<td>$325 cr.</td>
</tr>
</tbody>
</table>

**Senior Citizen*** | $65

(Also pay $5 consolidated services fee)

**Graduate (Masters) — All**

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Non-resident</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>$2,175</td>
<td>$395 cr.</td>
</tr>
<tr>
<td>Part-time</td>
<td>$185 cr.</td>
<td>$375 cr.</td>
</tr>
<tr>
<td>Excess hour</td>
<td>$85</td>
<td></td>
</tr>
</tbody>
</table>

|                      | Non-resident   |             |
|----------------------|----------------|
| Full-time            | $3,800         |
| Part-time            | $320 cr.       |
| Excess hour          | $85            |

**Maintaining Matriculation**

<table>
<thead>
<tr>
<th></th>
<th>Resident</th>
<th>Non-resident</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$250</td>
<td>$403</td>
</tr>
</tbody>
</table>

**Consolidated Services Fee** — all students including senior citizens $5.00**

**Student Activity Fees**

<table>
<thead>
<tr>
<th></th>
<th>Full Time</th>
<th>Part Time</th>
<th>Grad</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$51.60</td>
<td>$36.30</td>
<td>$7.85</td>
</tr>
</tbody>
</table>

*CS fee to defray the growing cost of processing financial aid needs analysis, the immunization program and other student-related functions.

**Refunds**

As of June 1994, three diverse refund policies were implemented for CUNY students. They are: CUNY, Federal Pro Rata refund and Federal other than Pro Rata refund. The latter two refund policies apply only to Federal Financial Aid recipients.

**CUNY Policy:** This policy relates to all students who withdraw from courses prior to the 1st day of the 4th week of classes. The refund policy is as follows:

100% tuition and fees prior to 1st day of class
75% tuition only prior to 1st day of 2nd week of class
50% tuition only prior to 1st day of 3rd week of class
25% tuition only prior to 1st day of 4th week of class

**Federal Pro Rata:** The refund relates to students who totally withdraw in the first semester of attendance and have Financial Aid at Hunter. A refund is calculated by the number of weeks that a student has attended. Fall and Spring semesters consists of 15 weeks. A student's refund is pro-rated up until the 60% point of the semester, usually the end of the ninth week. The Bursar, along with the Financial Aid office, will calculate and determine how the refund will be disbursed to Federal Programs and the student. A recalculated tuition liability will be produced by the Bursar's office.

**Federal other than Pro Rata refund:** This refund applies to Federal Financial Aid recipients who totally withdraw within the 50% point of attendance for the semester. This is for students who are beyond their first semester of attendance at Hunter. The end of the eighth week is considered the 50% point of attendance for the semester. The percentage of refunds is as follows:

100% tuition and fees prior to 1st day of class
90% tuition only prior to 3rd week of class
50% tuition only prior to 6th week of class
25% tuition only prior to 9th week of class

The Bursar along with the Financial Aid office will calculate and disburse refunds to Federal Programs and the student accordingly. A recalculated tuition liability will be produced by the Bursar's office.
Financial Aid

Financial aid is available to matriculated students in the form of grants, loans, and work study. Grants provide funds that do not have to be repaid. Loans must be repaid in regular installments over a prescribed period of time. Work study consists of part-time employment, either on campus or in an outside agency.

Students who believe they will need help in meeting college expenses should contact the Financial Aid Office, which is located in Room 241 of the North Building. The office is open from 12:00 pm to 6:30 pm Monday and Thursday and from 10:00 am to 4:30 pm Tuesday and Wednesday when classes are in session. When classes are not in session, there are no evening hours.

Financial Need

Aid from most of the major federal programs is awarded on the basis of financial need (except for unsubsidized Federal Direct and PLUS Loans.)

When you apply for federal student aid, the information you report is used in a formula, established by the U.S. Congress, that calculates your Expected Family Contribution (EFC), an amount you and your family are expected to contribute toward your education. If your EFC is below a certain amount, you will be eligible for a Federal Pell Grant, assuming you meet all other eligibility requirements.

There is not a maximum EFC that defines eligibility for the other financial aid programs. Instead, your EFC is used in an equation to determine your financial need:

\[
\text{Cost of Attendance} - \text{Expected Family Contribution (EFC)} = \text{Financial Need}
\]

The financial aid office takes your cost of attendance (COA), and subtracts the amount you and your family are expected to contribute toward that cost. If there is anything left over, you are considered to have financial need. In determining your need for aid from the Student Financial Assistance programs, the Financial Aid Office must first consider other aid you are expected to receive.

The Cost of Education

The cost of education is an important consideration when deciding upon attending college. A student budget is used as an estimate of the amount of money it will cost a student to attend college. It includes tuition, fees, books, transportation, housing, and food expenses. Additional allowances may be made for unusual expenses such as child care costs.

Student budgets are set each year by the University. They reflect the average expenses of all students who are living with their parents or living away from their parents. These budgets may be adjusted only if an individual can document an unusual expense not incurred by the average student. Students with disabilities should speak to a financial aid counselor about budget adjustments for their special needs.

The 1995-96 Hunter College budgets for full-time in-state undergraduates are as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Living With Parents</th>
<th>Living Away From Parents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$3,200.00</td>
<td>$2,450.00</td>
</tr>
<tr>
<td>Fees</td>
<td>113.20</td>
<td>113.20</td>
</tr>
<tr>
<td>Books &amp; Supplies</td>
<td>500.00</td>
<td>500.00</td>
</tr>
<tr>
<td>Transportation</td>
<td>675.00</td>
<td>675.00</td>
</tr>
<tr>
<td>Room &amp; Board</td>
<td>1,500.00</td>
<td>4,763.00</td>
</tr>
<tr>
<td>Personal</td>
<td>2,177.00</td>
<td>2,360.00</td>
</tr>
</tbody>
</table>

Total: $8,165.20 $11,611.20

Please note: Tuition charges are estimates for full-time New York State residents based on 1995-96 tuition charges. Actual tuition charges for New York State residents, out-of-state residents, and international students for full-time and part-time study can be found in the Schedule of Classes.

Student Resources

In reviewing your student budget, you should consider the resources you will have from earnings and savings, the amount your parents can contribute, and any benefits you receive such as social security, veteran's, unemployment, or welfare. Summer employment can help meet the first costs of enrollment and you should plan to save money from your summer earnings. Cash will be needed right away for books, supplies, and transportation.

Financial Aid Programs

If your resources are not sufficient to cover the cost of attendance, you should look into the possible financial aid available. Financial assistance, provided through the College, is intended for eligible students who need assistance in meeting costs. Financial aid is not provided to non-matriculated students.

Packaging

Rather than using one source to finance your education, a combination of monies from all of the programs for which you are eligible may be used. This system for allocating aid is called packaging. Funds will be allocated first to meet the basic costs of attendance (tuition, books, transportation); if funding permits, other living expenses will then be addressed.

Applications for financial aid must be filed each year. Students should apply as soon as the new applications are available, which is usually in early spring.

APPLICATION PROCEDURES

All students and prospective students are encouraged to apply for assistance. Each applicant should complete the FAFSA (Free Application for Federal Aid) and the CUNY FAF (CUNY Financial Aid Form) available in the Financial Aid Office.

After the FAFSA is processed, a Student Aid Report (SAR) will be mailed to the student. A correct SAR must be submitted to the Financial Aid Office before federal and institutional awards can be made and loans can be processed. If the SAR states that a student has been selected for a process called verification; proof of income must be furnished. In most instances this is a signed copy of the student's and/or parental Federal Income Tax Return for the previous year.

Students who apply before May 1 will be considered for federal, state, and campus-based aid. Students who apply after that date...
will be eligible to receive assistance from TAP, the Federal Pell Grant Program, and Federal Direct Loans. All other aid will be dependent upon the availability of funds.

A renewal FAFSA may be sent to students who applied for federal aid the prior academic year. This form may be used in lieu of the FAFSA. The CUNY FAF must also be filed.

**STUDY ABROAD**

Students who enroll in an overseas program of study approved by Hunter College are eligible to receive federal financial aid and, in some cases, state aid. The course work for which they enroll must be applicable to their degree at Hunter. Contact the Financial Aid Office for further information.

**Student Eligibility**

To be eligible for federal and state aid, a student must be a United States citizen or an eligible non-citizen who is making satisfactory academic progress toward a degree. Students who have defaulted on a loan or owe a repayment of a grant at any post-secondary school must make repayment arrangements with that institution before they will be eligible to receive aid at Hunter.

**Satisfactory Academic Progress Aid**

All recipients of financial aid must be making satisfactory progress toward a degree. There are two different formulas used to make this determination, one for state aid and another for federal aid.

**State Program Eligibility**

To be eligible to receive assistance from the Tuition Assistance Program (TAP) and Aid to Part-Time Students (APTS) Program, students must complete a minimum number of credits the prior semester, complete the appropriate number of cumulative credits, and have the appropriate grade point average at the beginning of each semester of state-supported study. The chart below outlines these requirements.

**State Academic Performance Chart**

<table>
<thead>
<tr>
<th>TAP</th>
<th>Credits Attempted</th>
<th>Credits Completed</th>
<th>Credits Completed for Conditional Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payment Number</td>
<td>1 2 3 4 5 6 7 8 9 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pursuit Credits</td>
<td>12 8 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Completed</td>
<td>24 16 0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prior Semester</td>
<td>36 24 9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum</td>
<td>48 32 18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cumulative</td>
<td>60 40 27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credits Earned</td>
<td>72 48 36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>84 55 45</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>96 64 54</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>108 72 63</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120 80 72</td>
<td></td>
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</tr>
<tr>
<td>132 88 81</td>
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<tr>
<td>144 96 90</td>
<td></td>
<td></td>
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<tr>
<td>156 104 99</td>
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<tr>
<td>168 112 108</td>
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<td></td>
<td></td>
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<tr>
<td>180 120 117</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>189 126 126</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For example, to receive your fifth payment of TAP, you would have to have completed 9 credits the prior semester for a total of at least 31 cumulative credits with a minimum grade point average of 1.4.

**Waiver of Academic Standing Requirements**

Students who become academically ineligible to receive assistance from state programs because of a documentable unusual circumstance (e.g., illness) may apply for one-time waiver of the Satisfactory Academic Progress requirements. For further information, contact the Office of Student Services.

**Federal Program Eligibility**

The federal Satisfactory Academic Progress standard applies to students seeking assistance from Title IV funds (Federal Pell, Federal Supplemental Opportunity Grant [SEOG], Federal Perkins Loan, Federal Direct Student Loans, and Federal Work Study). To be eligible, an undergraduate student must achieve at least the GPA required for probationary status at Hunter after two years of enrollment at the college, at least a "C" average or academic standing consistent with the requirements for graduation; and must also accumulate credits toward the degree according to the following standards:

A. Attempted credits are not more than 150% of the credits normally required for completion of the degree.

And

B. Accumulated credits are equal to or greater than two-thirds the cumulative credits attempted at the institution.

If the standard in paragraph B is not met, eligibility may be retained by meeting conditional standards:

C. For students who are pursuing a baccalaureate degree, the accumulated credits must be equal to or greater than (.75 cumulative credits attempted) - 18).

Students will be measured against the satisfactory academic progress standard at the end of the spring term to determine eligibility for receipt of Title IV student financial assistance for the upcoming year.

This chart would be used by a student pursuing a BA degree requiring 126 credits. In this example, if you have attempted 36 credits you must successfully complete at least 24. To maintain conditional eligibility you must successfully complete 9.
FEDERAL PROGRAMS

Federal Pell Grants
A Federal Pell Grant is a grant and does not have to be repaid. Pell Grants are awarded only to undergraduate students who have not earned a bachelor's or professional degree. For many students, Pell Grants provide a foundation of financial aid to which other aid may be added. Awards for the 1996-97 award year (July 1, 1995 to June 30, 1996) will depend on program funding. The maximum award for the 1995-96 award year was $2,300. How much a student will receive depends not only on the Estimated Family Contribution but on the cost of attendance, whether the student is a full-time or part-time student, and whether the student attends school for a full academic year or less.

Campus-Based Programs
Federal Supplemental Educational Opportunity Grant (FSEOG) Program, Federal Work-Study (FWS) Program and the Federal Perkins Loan Program are considered campus-based programs because they are administered directly by the Financial Aid Office. How much aid a student receives depends on the student's financial needs, the amount of other aid the student will receive and on the availability of funds. Students must apply early in order to be considered for these funds and should check with the Financial Aid Office for deadlines. When funds are no longer available, no more awards can be made that year.

Federal Supplemental Educational Opportunity Grants (FSEOG)
FSEOG is for undergraduates with exceptional financial need, that is, students with the lowest Expected Family Contribution (EFCs). An FSEOG does not have to be paid back.

Students can get between $100 and $4,000 a year, depending on when they apply, their level of need, and the availability of funds. There is no guarantee that every eligible student will receive a FSEOG; students at each school are paid based on the availability of funds.

Federal Work-Study
The Federal Work-Study (FWS) Program provides jobs for undergraduate students with financial need, allowing them to earn money to help pay education expenses. The program encourages community service work and work related to the student's course of study. The FWS salary will be at least the current federal minimum wage, but it may be higher, depending on the type of work the students do and the skills required. The total FWS award depends on when the student applies, the student's level of need, and the availability of funds.

Federal Perkins Loans
A Federal Perkins Loan is a low-interest (5 percent) loan for undergraduates with exceptional financial need. Federal Perkins Loans are made through Hunter as the lender and the loan is made with government funds. Students must repay this loan. Eligible students may borrow up to $3,000 for each year of undergraduate study. The total amount undergraduates can borrow is $15,000. The actual amount of the loan is dependent on financial need and the availability of funds.

WILLIAM D. FORD FEDERAL DIRECT LOAN
The Federal Direct Student Loan Program, established by the Student Loan Reform Act of 1993, provides low-interest loans for students and parents. Under the Direct Loan Program, the federal government makes loans directly to students and parents through the college.

There are three kinds of Direct Loans:

FEDERAL DIRECT STAFFORD LOANS
A subsidized loan awarded on the basis of financial need. (See "Financial Need" section above.) If you qualify for a subsidized loan, the federal government pays interest on the loan ("subsidizes" the loan) until you begin repayment and during authorized periods of deferment thereafter.

FEDERAL DIRECT UNSUBSIDIZED STAFFORD LOANS
An unsubsidized loan is not awarded on the basis of need. If students qualify for an unsubsidized loan, students will be charged interest from the time the loan is disbursed until it is paid in full. Students can choose to pay the interest or allow it to accumulate. If students allow the interest to accumulate, it will be capitalized—that is, the interest will be added to the principal amount of the loan and will increase the amount that has to be repaid. If the interest is paid as it accumulates, the student will have less to repay in the long run.

FEDERAL DIRECT PLUS LOANS
Parents of a dependent student can borrow a PLUS loan to pay for the student's education.

Regular (degree-seeking) students enrolled in an eligible program of study at least half time may receive a Direct Loan. They must also meet other general eligibility requirements. (See "Federal Program Eligibility" above.)

The maximum amount that may be borrowed under the Direct Loans Program by an undergraduate student is:

- $2,625 for first-year students enrolled in a program of study that is at least a full academic year;
- $3,500 if the student has completed the first year of study and the remainder of the student's program is at least a full academic year;
- $5,500 a year if the student has completed two years of study and the remainder of the student's program is at least a full academic year.

For periods of undergraduate study that are less than an academic year, the amounts that can be borrowed will be less than those just listed.

An independent undergraduate student or a dependent student whose parents are unable to get a PLUS Loan can borrow up to:

- $6,625 if the student is a first-year student enrolled in a program of study that is at least a full academic year. (At least $4,000 of this amount must be in unsubsidized loans.)
- $7,500 if the student has completed the first year of study and the remainder of the student's program is at least a full academic year. (At least $4,000 of this amount must be in unsubsidized loans.)
- $10,500 a year if the student has completed two years of study and the remainder of the student's program is at least a full academic year. (At least $5,000 of this amount must be in unsubsidized loans.)

For periods of undergraduate study that are less than an academic year, the amounts a student can borrow will be less than those just listed.
Note: Direct Loans are not made to undergraduates enrolled in programs that are less than one-third of an academic year.

The total debt a student can have outstanding from all Direct Loans and FFEL Program Loans combined is:

- $23,000 as a dependent undergraduate student;
- $46,000 as an independent undergraduate student (no more than $23,000 of this amount may be in subsidized loans)

For students whose Direct Loans were first disbursed on or after July 1, 1994, the interest rate is variable, but it will never exceed 8.25 percent. From July 1, 1994 through June 30, 1995, the interest rate is 7.43 percent. The interest rate is adjusted each year on July 1. Students will be notified of interest rate changes throughout the life of their loan.

To apply for a Direct loan the student must complete the Free Application for Federal Student Aid (FAFSA) or Renewal FAFSA, the CUNY Financial Aid Form and the WILLIAM D. FORD FEDERAL DIRECT STAFFORD LOAN Request available in the Financial Aid Office. Hunter College will certify the student's enrollment, the student's cost of attendance, the student's academic standing, any other financial aid for which the student is eligible, and the student's financial need. (Need is evaluated to determine if the student qualifies for a less costly subsidized Federal Direct Stafford Loan.)

Once a Direct Loan is made, it is managed and collected by the U.S. Department of Education's Direct Loan Servicing Center. The toll-free telephone number is 1-800-848-0979.

Direct Program Loans for Parents (PLUS Loans)

For parent borrowers, the Direct Loan Program offers the Federal Direct PLUS Loan (Direct PLUS Loan).

These loans enable parents with good credit histories to borrow to pay the educational expenses of each child who is a dependent undergraduate student enrolled at least half-time.

To be eligible to receive a Direct PLUS Loan parents generally are required to pass a credit check. If they do not pass the credit check, they may still be able to receive a loan if someone, such as a relative or friend who is able to pass the credit check, agrees to co-sign the loan and promises to repay it if the student's parents should fail to do so. Parents may also qualify for a loan even if they do not pass the credit check if they can demonstrate that there are extenuating circumstances. Students and their parents must also meet other general eligibility requirements for federal student financial aid.

The yearly limit on either type of PLUS Loan is equal to the cost of attendance minus any other financial aid for which a student is eligible. For example, if a student's cost of attendance is $6,000 and the student is eligible for $4,000 in other financial aid, the student's parents could borrow up to — but no more than — $2,000.

The interest rate is variable, but will never exceed 9 percent. From July 1, 1994 through June 30, 1995, the interest rate is 8.38 percent.

The interest rate is adjusted each year on July 1. Parents will be notified of interest rate changes throughout the life of their loan(s). Interest is charged on the loan from the date the first disbursement is made until the loan is paid in full.

Parents will pay a fee of up to 4 percent of the loan, deducted proportionately each time a loan payment is made. A portion of this fee goes to the federal government to help reduce the cost of the loans. Also, if parents do not make their loan payments as scheduled, they may be charged late fees and collection costs.

In order to apply for a Direct PLUS Loan parents must fill out a Direct PLUS Loan Application and Promissory Note. Hunter College requires that students complete the Free Application for Federal Student Aid (FAFSA) or Renewal FAFSA and the CUNY Financial Aid Form (CUNY FAF) available in the Financial Aid Office.

DIRECT CONSOLIDATION LOANS

A Direct Consolidation Loan is designed to help student and parent borrowers simplify loan repayment. Even though a student may have several different federal student loans, a student will need to make only one payment a month for all the loans the student may consolidate. The student may even consolidate just one loan into a Direct Consolidation Loan to get benefits such as flexible repayment options.

Most federal student loans or PLUS Loans can be consolidated. The Direct Loan Servicing Center provides students with a complete listing of eligible loans. The toll-free telephone number of the Servicing Center's Consolidation Department is 1-800-848-0982.

Federal Aid to Native Americans

Awards are granted to applicants who are at least one-quarter American Indian, Eskimo or Aleut and a member of a tribe, band, or group on record with the Bureau of Indian Affairs. In addition, the student must be enrolled full time in a degree-granting program and demonstrate need.

For further information or to obtain applications, write to:

Department of Education
Indian Fellowship Program
400 Maryland Avenue SW, Room 2177
Washington, DC 20202
NEW YORK STATE FINANCIAL AID PROGRAMS

Tuition Assistance Program (TAP)

This grant is awarded to New York State residents who are enrolled full time in a degree-granting program and who meet the income criteria.

Awards ranging from $350 to $2,190 are made to dependent students and independent students with dependents whose New York State taxable income is $42,501 or less or to independent students with no dependents if the taxable income is less than $10,000.

Students may receive awards for eight semesters. SEEK students may receive awards for ten semesters. Any student who must enroll for more than 6 hours of remediation in a semester is eligible to receive two additional payments under the Supplemental Tuition Assistance Program (STAP).

A student with a disability that prevents attendance on a full-time basis may be eligible to receive TAP while attending on a part-time basis.

CUNY Student Tuition Assistance (CUSTA)

Students who are otherwise eligible for a maximum TAP award but whose award is reduced because they have received four semesters of payment may be eligible for a CUSTA award up to $137.50 a semester.

Regents Scholarship

Regents Scholarships are awarded by the State Education Department based upon national test scores (ACT or SAT) and the student's academic performance in high school.

A student is eligible for an award of $250 each year without consideration of income. The scholarship is granted for four years of full-time study. Recipients must complete a TAP application for each year they wish to receive payment.

This program has been suspended due to the New York State budget problems.

Aid for Part-time Study (APTS)

This award provides assistance to students who attend less than full time, have accrued a minimum of 6 credits (not equated), and have not exhausted their TAP eligibility. In order to be eligible, a student must be a New York State resident and enrolled for at least 6 credits.

Vietnam Veterans Award Program

To qualify, undergraduate students must meet New York State residency requirements, have served in the armed forces in Indochina between December 1961 and May 1975 and satisfy all other eligibility requirements including filing for TAP and Federal Pell grants. Students must demonstrate good academic standing and meet college guidelines for pursuit of program. Awards are $1,000 per semester for full-time study or $500 per semester for part-time study. Awards cannot exceed the cost of tuition. In addition, the applicant must file a Vietnam Veterans Tuition Assistance Supplement (VVTA) to establish eligibility. After the initial year eligibility is established, part-time students must refile a Supplement yearly. Supplements are available on request from New York State Higher Education Services Corporation (518) 473-7087. May 1, 1996 is the deadline for 1995-96.

Army Reserve National Guard—Army Continuing Education System (ARNG-ACES)

The New York State Army Reserve National Guard offers tuition assistance through 2 programs for full- and part-time students. All current and future members of the New York Army Reserve National Guard (ARNG) are eligible except for members serving on Active or Full-Time Duty and those on Active Guard Reserve status. ARNG members who also receive veterans' benefits are not eligible. For full-time students, the program is limited to tuition costs, instructional fees in lieu of tuition, and laboratory or shop fees specifically required as a condition of enrollment in a course. Part-time students must be enrolled half-time (7 or fewer credits).

Commissioned officers must agree to remain in the ARNG for 4 years after the last course for which tuition assistance has been provided is completed. For more information on these programs, contact Tom LaBuda, Civilian Education Office, at (518) 786-4973 or 4500.

STATE AID TO NATIVE AMERICANS

The student must be a member on the official tribal roll of a New York State tribe or a child of a member. Applicants must provide documentation. Awards are available for 2-, 4-, or 5-year programs. Awards are $775 for 12 or more credits per semester. Pro-rated amounts are available for students taking less than 12 credits. Contact Native American Education Unit, New York State Education Department, Room 543 Education Building, Albany, New York 12234. Call (518) 474-0537 for information. Deadline is December 31, 1994 for spring 1995 and May 20, 1995 for summer 1995.

Empire State Mathematics & Science Teachers Scholarship

Scholarships of $3,000 a year are awarded to New York State residents who agree to teach in an elementary or secondary school located in the state.

For further information and for application forms, contact the State Education Department, Bureau of Professional Testing, Cultural Education Center, Albany, NY 12230.

This program has been suspended due to the New York State budget situation.

Congressional Teacher Scholarship (Formerly the Perkins Scholarship)

Congressional Teacher Scholarships are available to undergraduate students who agree to teach in areas in which there is a critical shortage of teachers. Recipients must agree to teach 2 years in the US for each annual payment received. The service obligation must be fulfilled within 10 years of completing the undergraduate education program. Recipients who fail to meet these requirements must repay all or part of the award plus accrued interest.

Applicants must be or have placed in the top 10% of their high school graduating class and be a New York State resident who is or will be enrolled in a specific program during the upcoming academic year. Winners receive up to $5,000 a year for a period of no more than 4 years of full-time undergraduate study. For more information or for an application, contact the Bureau of Higher and Professional Education Testing, Albany, NY 12230; (518) 474-6394. Applications are also available from the College Financial Aid Office.

Child of Veteran Award

This award provides aid for children of veterans who are deceased, disabled, or missing in action as a result of service during World War I, World War II, the Korean conflict, or the Vietnam era. A recipient of a Child of Veteran Award can receive $450 for four
years of undergraduate study without consideration of income or tuition costs. However, the combined Child of Veteran Award and TAP award may not exceed the amount of tuition charges.

In addition to completing the TAP application, an applicant must contact the Higher Education Services Corporation at 1-800-642-6238 and request a Child of Veteran Award Supplement.

Child of Deceased Police Officer/Firefighter Award
This award is granted to the children of police officers or firefighters who died as a result of injuries sustained in the line of duty.

A recipient of the award can receive up to $450 a year without consideration of income or tuition costs. However, this award combined with the TAP award may not exceed the amount of tuition charges.

Applicants must complete the TAP application and contact the Higher Education Services Corporation to obtain a Child of Deceased Police Officer/Firefighter Award Supplement.

PROFESSIONAL OPPORTUNITY SCHOLARSHIPS
Professional Opportunity Scholarships (for approved professional programs, e.g., accounting, architecture, engineering, nursing, occupational therapy, ophthalmic dispensing, pharmacy, physical therapy, dental hygiene, landscape architecture, physician's assistant, law, podiatry, optometry, psychology, social work, veterinary medicine, speech/language, pathology/audiology) are available to US citizens and permanent NYS residents. Students must be enrolled full-time (matriculated) in an approved program of study in NYS. Students must agree to practice in NYS for one year in their chosen profession for each annual payment received. Students must demonstrate good academic standing and meet college guidelines for pursuit of program.

Recipients must be chosen in the following order of priority:
1. Economically disadvantaged (prescribed criteria) and a minority group member historically under-represented in the profession.
2. Minority group member under-represented in the profession.
3. Candidate who is enrolled in or a graduate of COLLEGE DISCOVERY (CD), SEARCH FOR ELEVATION, EDUCATION AND KNOWLEDGE (SEEK), EDUCATIONAL OPPORTUNITY PROGRAM (EOP), HIGHER EDUCATIONAL OPPORTUNITY PROGRAMS (EOP).

Awards range from $1,000 to $5,000/year for up to four years or five years in certain programs. TAP and some other benefits may supplement this award. Contact the college Financial Aid Office or the NYS Education Dept., Bureau of Post-Secondary Grants Administration, Cultural Education Center, Rm. S688, Albany NY 12230, (518) 474-5705. Applications must be submitted each year. Deadline for 1995-96 is March 1, 1995.

SPECIAL PROGRAM
Special Program funds are designed for students who need academic and financial support in order to complete college.

Search for Education, Elevation, and Knowledge (SEEK)
The SEEK Program provides financial aid and support services (concentrated counseling, remedial instruction, tutoring) to educationally and economically disadvantaged students attending a senior or technical college. Applicants must be residents of New York State; have received a New York State high school diploma or equivalency; be ineligible for admission under normal standards, but demonstrate potential for completing a college program; and meet family income guidelines as determined by the State.

Students apply for entry to the SEEK program through CUNY Admissions. Students must file a FAFSA and CUNY FAF to have their eligibility checked.

COLLEGE PROGRAMS
Scholarship and Welfare

Scholarship and Welfare Fund Grant (S&W)
To be eligible, a student must have filed the FAFSA and CUNY FAF. Applicants are recommended to the Scholarship and Welfare Fund of the Alumni Association of Hunter College, Inc., by the Office of the Vice-President for Student Affairs and the Financial Aid Office, and grants are given on the basis of need and academic promise. A separate S&W application is required for each semester the student applies. It is obtained from the Financial Aid Office. Students must maintain a 3.0 GPA to be eligible for this grant.

Hunter College Scholars Program (S&W)
The Hunter College Scholars Program offers an award to high school seniors who have maintained a high level of academic achievement during high school and have demonstrated a potential for superior scholarship. These awards are independent of any financial assistance a student may receive from other sources and are made possible through contributions to the Scholarship and Welfare Fund of our Alumni Association. Applicants must be US citizens or permanent residents to be eligible. Awards are made to students who are admitted in the fall semester only.

The Scholars Award is granted for a maximum of 4 years. To be considered, a student must have achieved a 90% or better high school average and a minimum combined SAT score of 1200. This competitive award is based on interview, essay, and recommendations.

Students must enroll for 12 or more credits per semester to maintain eligibility for these awards. The student's academic achievement will be reviewed each year in order to determine continued eligibility. Interested students may apply for the program through the Admissions Office or through their College advisor.

Dormitory Scholars (S&W)
A limited number of scholars are also eligible for dormitory scholarships. These scholarships guarantee the fees for a room in the Hunter dormitory for four years.

Graduating Senior Scholarships (S&W)
Graduating Hunter College seniors are eligible to apply to the Scholarship and Welfare Fund through the Office of the Dean of Students for special awards to assist them in meeting the cost of continuing their education on the graduate level.

The Charlotte Newcombe Award
This award is made possible by a private foundation and is designed to assist the mature woman student, who is at least halfway through the completion of her degree, in pursuing higher education. Awards vary according to academic promise and financial need. Applications are available in the Office of Student Services. Student must file a CUNY FAF.
Scholarships, Prizes, and Awards

Over the years, generous alumni and friends of the College have contributed to a variety of funds in support of meritorious and needy students of the College. Many of these funds are administered by the Scholarship and Welfare Fund of the Alumni Association of Hunter College, a not-for-profit group established in 1949, to provide financial assistance to individual students.

I. Scholarships Available to Undergraduates The following endowed scholarships have been established through funds donated in the names of individuals, classes, and chapters of the Alumni Association to provide assistance to students on the basis of both scholarship and financial need.

Named Scholarships

Frances and Samuel Abrams
Queen Alia of Jordan
Lillian Fisher
Alpert Cornelia and Sol Amster
Lorraine Joan Anagnos
Dean Ann Anthony
Herman Auerbach Memorial
Babbsky-Perry
Marie Zulyevs Balich
Harry and Polly Sternlieb
Baron Anna and Abraham Barstock
Frieda Danzig Bartow
Dorothy Doob Baumritter
Juliette Tombacher Benton
Nina Melville Berdeshevsky
Ethel and Alexander Berl
Ida Schaffer
Sussekes Bikoff
Victoria and Samuel Bitterman
Margaret Wirth Blaha
Bertha Block
Estate of Charlotte Bode
Paul Brachfeld
Anna and Margaretha Brohmer
Alys M. K. Broom
Burke (Jo Burke-Dot Hill)
Mary Candib
Dean Edith Cappel
Antonetta and Domenico Careccia
Rose Carol
Fanny Kaufman Casher
Ida Cohen
Lucy Perskin Cooper
Philip R. V. Curoe
Camilla N. D’Amato
Sarah Davidoff
Evelyn and Reuben Davidson
Jessie Winterton Day
Anne Tully Dolciani
Peter Dolciani
Barbara E. and Harnett B. Donaldson
Amelia J. and James H. Donaldson
Mary Louise Draddy
Mildred Draizen
Harriet Potter Eagleson 1870
Jessica Potter Eagleson 1899
Dorothy Davis Edmonds
Diane Dubinsky Elgart
Dorothy Epstein

Wald Scholarships

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

This program was created by the Professional Staff Congress-CUNY in 1980 to honor Belle Zeller, its first president, for her contribution to scholarship, 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 attesting to academic performance and service to the College and/or community are required. Renewable up to 3 years, scholarships of $1000 are awarded entirely on the basis of merit. Applications are available in the Office of Student Services in late October early December.

Emergency Loan Policy

The emergency loan program was established to assist students with an immediate problem concerning essential needs, such as carfare and lunch, occurring during the school day. 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 processed through the Student Financial Aid Payroll System. All loans must be repaid within 2 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., charge 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 with such expenses look for viable alternatives. Additional information is available in the Financial Aid Office. This program is funded, in part, by a bequest from Sara Feldmesser, Class of 1918.
E. Edith Epstein
Mollie R. Golomb Epstein
Eleanor P. Erkans
Claire J. Eskowitz
Joan Feinberg Faber
Dora and Abraham Felt
Robert Strauss Feuerlicht
Ida R. Finkelstein
Sylvia and Martin Fleischman
Bernice H. Fleiss
Irina London Fraad
Beatrice Friedman
Marie K. Gallagher
Jean Mayo Garberg
Rose and Samson Garfunkel
Josephine Golberg
Phyllis and Peter Goldberg
Fay E. and Helene D. Goldfarb
The Herman Goldman Foundation, Inc.
Rose Sigal Golomb
Katherine and Jacob Graham
Ella Graubart
Elaine Goldman Greenberg
Leah D.Greisman
Gertrude Groden
Antoinette A. Guarino
Rose Richman Gurenson
E. Adelaide Hahn
Dorothea Schut Hall
Carol L. Halpern, M.D.
Mary Adele Harrison
Sadie and A. L. Hayman
Anne Meade Heine
Edith Okun Hoffman
Esther Hoffman
Frieda Hoffman
Emma Lavenia Totten Hopping
Kathryn L. Hopwood
Elizabeth Howitt-Louise Shelley
Carmen Huerta Memorial
Ethis F. Huggard
Rosemarie McCulloch Hughes
Thomas Hunter
Dora and William Intner
Estate of Silvya S. Israel
Elise Jerad Roslyn and Alvin Katz
John F. Kennedy
Martha M. Kennerly
David and Sadie K. Klau Foundation
Florence Felch Kloeber
Marianne E. Koch
Lawrence and Irene Diner Koenigsberger
Beatrice G. Konheim
Flora Rubin Kotsky
Gracie Campus Krajcovic
Georgiana Lieder Lahr
Anna and Fred Landau
Barbara Lang
Jack and Miriam Larus
Ruby and Sidney Leader
Herbert H. Lehman
Dr. Hyman Leight and Celia Leight Lorber
Kari and Bertha Leubsdorf
Eva F. Levin
Helen and Herman Levin Foundation
Aaron J. Levine
Estelle F. Levy
Gertrude Romm Levy
Eleanore Grater Lewis
Emil A. Loewenthal
Katherine W. Ludewig
Maria B. Lund
Bessie and Solomon Lutman
Gerard Lynch
Elaine Stockman Malsin
Rosalind Felder Marsten
Ida Davidoff Martus
P.J. McKenna-F.H. Miller
Isabel McLaughlin
Mary E. Meade
Beatrice Braik Melick
Ida Miller
Milfred E. Miller
Ray L. Miller
Sarah and Samuel Miller
Annie Hickinbottom Mills
Herman B. Muehlstein
Anne Monahan Mullin
Edna R. and Bernard Musnik
Augusta W. Neidhardt
Ray E. Kapp Nussbaum
Catherine F. O'Hara
Ida Oppenheimer and Johanna Oppenheimer
Antoinette and Rosa M. Pergola
Arthur and Ruth Philip
Evelyn Feil Picker
Alvin M. Pinies
Betty Boyd Pinto
Alicia Libby Pollack
Helen Rehr
Clara Ruth Reid
Regina Resnik
Beatrice Rosenthal Reuss
Ruth K. and Mordecai Rochlin
Jessie Rosenfeld
Helen Witmer Roth
Sylvester and Alice Rothschild
Bertha and Sidney Russell
Katherine Meade Ryan
Marjorie Jawetz Saben
Birdie L., Leonard, Nathan, and Samuel Samuel
Estate of Juliet S. Saunders
Gertrude M. Schmidt
Elizabeth and Cornelius Schut
Grace and Marie Schut
Florence Shishko Schwartz
Seagram Choraliers
H. Monroe and Viola H. Selling
Donna E. Shalala
Felicia Shpritzer
Rose and Abraham Shpritzer
George N. Shuster
G. Barbara Sloat
Aaron H. and Sarah A. Slotkin
Mona Catherine Smith
The Frank R. and Emilie E. Stamer Foundation
David B. Steinman
Marya Lubova Stepanskaya
Alvin and Jean Sternlieb
Ida Baron Sternlieb
Joseph and Ida B. Sternlieb
Betty Stohl
Rose and Morris Stohl
Frieda Cohen Strassler
Edith Benau Sargan
Helen Sargan
Laurence A. and Florence K. Tanzer
Josephine Soldano Terranova
Florence and Fred Thomases
Florence Josephson Thomases
Rose, Jeanne and Evelyn Tkonony
Max and Esther Tuchman
Pearl and David Umansky
Gerald Van Name
Josephine Stone Vernon
Armadine Constance and Antonio Violienus
Christine Volkmar
Ben and Libby Wallach-Hines
Martha K. and Lawrence Weidberg
Lester C. and Judith Weinberg
Mollie Weingart
Hilda Rotkowitz Weltzner
Esther and Idore Westreich
Jacqueline Grennan Wexler
F. Joachim Weyl
Florence and Martin White
Shirley Abrahams Whitney
Rita F. and Randolph A. Wyman
The Zabar Grandchildren
Celia and Aaron Zanger
Sarah and Helen H. Zeller
Max and Bella Zucker
Eva Tarlow Zuckerman

Chapter Scholarships
Baltimore Chapter
Bronx Chapter
Brooklyn Chapter
Florida West Coast Chapter
National Capital Area Chapter
New England Chapter
New Haven Chapter
Northern New Jersey Chapter
Queens Chapter
Rockland County Chapter
San Diego Chapter
South Florida Chapter
Southern California Chapter
Staten Island Chapter
Westchester Chapter
Wistarians

Class Scholarships
Classes of 1900, 1901, 1903, 1904, 1905, 1907, 1909, 1910,
1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920,
1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930,
1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940,

II. Hunter Scholars Program
The following scholarships have been established in the names of
individuals, classes, and chapters of the Alumni Association to pro-
vide financial assistance to undergraduates on the basis of merit.

Joseph and Sophie Abies Foundation, Inc.
Alexander's

Barsky-Konz, Estate of Florence B. Konz
Dorothy Doob Baumrimer
Estate of Charlotte Bode
Alys L. K. Broom
Dora B. Buckanowa
Leona and Marcy Chanin
Mildred Cohen and Henry Primakoff
Mildred Thaler and Sidney Cohen
Anne Ludewig Cossé
Kenneth M. Davis Memorial
Isabelle and Abraham Deutsch
Harriet Rutter Eagleson
Jessica Rutter Eagleson
Eugene J. and Joyce N. Elieberg
Patricia Fleischman
Bernice Fleiss
The Foundation To-Life, Inc.
Jacqueline and Walter Freedman
Martha T. Froeich
Marcella and Samuel Geltman
Estate of Josephine Goldberg
Estate of Theresa P. Goldman
Edwin Gould Foundation for Children
Stella and Charles Gunnman Foundation, Inc.
Maurice and Kate Haut
Estate of Olive Huber
Elise Jerard
David and Sadie Klau
David and Sadie Klau Foundation
David L. Klein Jr. Memorial Foundation, Inc.
Estate of Sarah F. Kramer
Estate of Esther Vea Ruhman
Jill D. Larson
Ruby and Sidney Leader
Paul LeClerc
Lillian Leight
Bertha Leubsdorf
Helen Levin
Edna and Ruth Levinson
Estate of Ethel R. Marks
Beulah Nechomias
Mathis Memorial
Claire G. Miller
Muehlstein Foundation
Estate of Lenore Myer
Maurice and Arlene Newman
Ida and Johanna Oppenheimer
Palm Beach Chapter
Arthur and Ruth Phillip
Queens Chapter—Louis R. Schlesnkip
Sylvester and Alice Rothchild Foundation
Bertha Z. Russell
Juliette Saunders
Carol Forscher Schiller
Estate of Anna Schults
Stamor Foundation
Starr Foundation
Elizabeth -Vera Loeb Stern
Solen E. Summerfield Foundation, Inc.
Lillian Swihart
Florence and Fred Thomases
Michael Tuch Foundation, Inc.
David G. Wair Memorial
Sidney A. Wolf Memorial
Judith M. Zabar
Judith and Stanley Zabar
III. Awards and Prizes to Graduating Seniors

The following scholarships, awards, and prizes have been established in the names of individuals, classes, and chapters to provide assistance to graduating seniors for their graduate studies (usually limited to the first year of such study).

College-wide Awards recommended by the Alumni-Faculty Committee on Senior Scholarships.

Class of 1878 Scholarship
Pinker Fund Scholarship
Laura Rich Student Aid Fund Scholarship
Mary Nell White Scholarship
Estelle Forscheimer Fund Scholarship
Laura Rich Scholarship
Ging Hawk Scholarship
Clara Fischer Scholarship
Alice Hamman Scholarship
Gertrude Wertenbaker Scholarship
Emma W. Ackerlee Scholarship
Class of 1928 Scholarship
Elin Wikender Fund Scholarship

College-wide Awards presented by the Scholarship and Welfare Fund.

Samuel Abrams Scholarship
Cheri Appel, M.D. Scholarship
Alys L. K. and Martin M. Broom Scholarship
Donatella Careccia Scholarship
Class of 1926 Scholarship
Class of 1929 Scholarship
Class of 1933 Scholarship
Class of 1935 Scholarship
Class of 1936 Scholarship
Class of 1942 Scholarship
Charlotte Hughes DeVree Scholarship
Harriet Rutter Eagleson Scholarship
Dorothy Davis Edmonds Scholarship
Dorothy Epstein Scholarship
Jacqueline and Walter Freedman Scholarship
Martha Tuchman Froelich Scholarship
Estate of J. Raymond Gerberich Scholarship
Joseph C. and Claire F. Goodman Memorial Foundation Scholarship
Estate of the Grove Foundation
Estate of Blanche G. Haltzel Scholarship
Esther Hoffman Scholarship
Daisy M. Holman Scholarship
Estate of Martha Keller Scholarship
David and Sadie Klaui Foundation Scholarship
David L. Klein Jr. Memorial Foundation Scholarship
Miriam and David L. Klein Scholarship
Flora Ruben Kotlarzsky Scholarship
Estate of Sarah F. Kramer Scholarship
Estate of Edna Kunc Scholarship
Barbara Lang Scholarship
Karl and Bertha Leubsdorf Scholarship
Karl Leubsdorf Memorial Scholarship
Helen and Herman Levin Foundation Scholarship
Joan Miller Lewis Scholarship
Lane Bryant Malin Foundation Scholarship
Herman Muehlstein Foundation Scholarship
Estate of Lenore August Myer Scholarship
National Capital Area Chapter Scholarship
Esther Fish Perry Scholarship
Carl H. Pforzheimer & Co. Scholarship
Queens chapter—Beverly Buckwalter Scholarship
L.M. Rabinowitz Foundation Scholarship
Eric and Anne Richter Scholarship
Rockland County Chapter Scholarship
Ruth K. Rochlin Memorial Scholarship
Melanie Rosbrugh Scholarship
Helen Witmer Roth Scholarship
Sylvester and Alice Rothchild Scholarship
Florence and Carl Selden Scholarship
Ida Shur Memorial Scholarship
South Florida Chapter Scholarship
Frank R. and Emille E. Stamer Foundation Scholarship
Louise G. Taussig Scholarship
 Mildred G. and Seymour R. Thaler Scholarship
Florence and Fred Thomases Scholarship
Margaret A. Westemeyer Scholarship
Sidney A. Wolf Memorial Scholarship
Saul and Stanley Zabar Scholarship
Anonymous Gifts

Departmental Awards

Academia Literaria Award (Romance Languages)
The American Institute of Chemists Award
American Society of Women Accountants Award for outstanding women accounting students
Nancy Ashton Fund Award (Art)
Monroe Bablove Award (Health Sciences)
Beryl Bailey Award (Black & Puerto Rican Studies)
Lloyd Barrell Memorial Collegium Musicum Prize
Ida Wells Barnett Award (Black & Puerto Rican Studies)
Victoria Moss Bitterman Scholarship (Music)
David Bliss Prize in Latin
Harry Blumberg Memorial Award (Hebrew)
Byra Award (Philosophy)
Jewel Hughes Bushey Scholarship Award for proficiency in mathematics
Fanny Calafiora Class of 1978 Award (Romance Languages)
Rhys Carpenter Prize in Archaeology (Classical & Oriental Studies)
Miguel de Cervantes Prize (Spanish)
Clapp Award (Philosophy)
Class of 1895 Prize in Music
Bernard Cohen Award for Short Story Writing
Angelika Cutchis Award (Mathematics)
Doris Cunha Award (Music)
Gordon G. Darkenwald Graduate Study Award (Geology & Geography)
Edgar Dawson Prize (Political Science)
Dean's Award for the Outstanding Generic Pathway Nursing Student
Dean's Award for the Outstanding Graduate Student in Nursing
Dean's Award for the Outstanding RN Pathway Nursing Student
Dean's Award in the Social Sciences for graduating seniors who have done outstanding work in the social sciences
Dean's Award in the Social Sciences for the outstanding honors paper in the social sciences
Grazia Deledda Award (Romance Languages)
Distinguished Service (Health Sciences)
Agnes M. Duffy Award (Romance Languages)
Henri Dupont Memorial Award (Romance Languages)
Beatrice G. Konheim Memorial Award in Life Sciences (Health Sciences)
Lado Music Award
The Doris Trepel Leberfeld Memorial Award (Health Sciences)
Dr. Benno Lee Graduate Scholarship (Music)
P. Levine Memorial Prize (English)
Special Award for Literary Achievement (English)
Anne S. Loop Award (Health & Physical Education)
The Lumiere Award (Theatre & Film)
The Maudester Newton Graduate Scholarship
Andrew and Eleanor McInerney Prize (English)
The Merck Index Award (Chemistry)
Shirley P. Mintz Award (Music)
Rose Mary Mirenda Award (Health Sciences)
Frances Morehouse Alpha Chi Alpha Prize (Social Sciences)
NYS Society of CPA's Award for superior scholarship in accounting studies
Augusta W. Neidhardt Award for outstanding service and scholarship (Physical Education)
Marisa Oliva Memorial Award (Italian)
Madeline O'Sullivan Class of 1928 Fellowship (Education)
Frances Packer Memorial Award for a short personal essay (English)
Phi Sigma Sigma Prize for a graduating senior who has done outstanding work in the social sciences
Physical Education Department Award for outstanding scholarship and service
Pi Mu Epsilon Scholarship (Mathematics)
F. Pinhas Memorial Award (Anthropology)
F. Pinhas Memorial Student Aide Award (Chemistry)
Luigi Pirandello Award (Romance Languages)
Dorothy Belle Pollock Prize in Classics
Ernst Reiss Prize in Classics
Martha Rezler Prize (Romance Languages)
Miriam Weinberg Richter Memorial Award (English)
Herbert Rogers Performance Studies Prize
Michelle Z. Rosado Award (Anthropology)
Tessie K. Scharps Prize (English)
Robert Schatten Memorial Award (Mathematics)
Arthur and Vivian S. Schulte Award (Health Sciences)
Senner Prize (German)
Elise Seringhaus Award for excellence in biological sciences
Rita Sherman Memorial Award (Romance Languages)
Lao G. Simmons Scholarship Award for proficiency in mathematics
Tony Smith Fund (Art)
Award for Outstanding Achievement in Sociology
Award for Outstanding Contributions to Sociology
Mary M. Solomon Special Education Award
Elise Viault Steedman Award (Anthropology)
Mrs. Robert P. Sterling Award in Conservation (Geology & Geography)
David L. Stevenson Award for an outstanding student in Shakespeare studies
Rene Taupin Prize (Romance Languages)
Theatre Workshop Award
Josef Turnau Scholarship (Music)
Andres Valdespino Memorial Award (Spanish)
Pearl Erlich Waisblatt Award (Education)
Natalie Sher Wald Scholarship in Social Sciences
Livingston Welch Award (Psychology)
Matthew Ray Wiesen Prize (English)
Blanche Colton Williams Award for a graduating senior who plans to do work in English
Helen E. Wilmer Prize to an outstanding history major
William Wood Memorial Award (Romance Languages)
Tom Woods Award (Art)
Program of Study

(For a complete listing of all departmental and interdepartmental degree programs, see section titled "Degree, Certificate, and Diploma Programs.")

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 36 major fields and 10 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. This program is described in detail in the section devoted to the Music Department.

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 BA or BA degree and is intended for students who have well-formulated individual academic and career goals. 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 totaling 125 credits for the BA and BFA and 125-131 credits for the BS:

1. A distribution requirement of liberal arts courses (approximately 41-55 credits for a BA, 44-55 credits for a BS).

2. Pluralism and Diversity Requirement: Every student who entered Hunter College in the Fall 1993 semester or later is required to complete 12 credits in designated courses that address issues of pluralism and diversity. For further details, and a list of courses accepted for the requirement, see pages 30-38.

3. A concentration of in-depth study: 2 chosen subjects, the major and the minor, for the BA or one subject of specialization or professional study for the BS (approximately 36 credits for the BA and 60 for the BS). See "Concentration of In-Depth Study (Major and Minor)" in latter part of this section (Program of Study).

4. 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 125-131 for BS). See "Elective (or Optional) Credits" in latter part of this section (Program of Study).

Other requirements are:

Minimum proficiency in reading, written English, and mathematics (See "Other Requirements" in latter part of this section [Program of Study]); 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 and social science. 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 Distribution Requirement chart below 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, and (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.
# DISTRIBUTION REQUIREMENT

## Regulations

1. Courses used to satisfy the requirements for a major cannot be used to satisfy the distribution requirement. Foreign language majors should refer to the major departments for specific distribution requirements. Correlative requirements for the major may be credited to the distribution requirement.

2. No more than 2 courses per department or program may be applied to satisfy the distribution requirement. Exceptions to this are ENGL 120, which is required of all students, and the foreign language requirement.

3. A course may be applied to satisfy the requirements in only 1 category of the distribution requirement.

4. Students who have demonstrated mastery of lower-level course material, to the satisfaction of the chair of the department involved or his/her designee, will be permitted to apply more advanced courses to fulfill the distribution requirement.

## CATEGORY I

### Sciences and Mathematics (10-12 credits)

<table>
<thead>
<tr>
<th>ANTHROPOLOGY</th>
<th>ANTHP 101 or 102</th>
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</thead>
<tbody>
<tr>
<td>BIOLOGY</td>
<td>BIOL 100, 102</td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>CHEM 100-101, 120-121, 102-103, 104-105, 111-112-103, 113-105</td>
</tr>
<tr>
<td>COMPUTER SCIENCE</td>
<td>CSCI 120, CSCI 150</td>
</tr>
<tr>
<td>GEOGRAPHY</td>
<td>PGEOG 130</td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>GEOG 101, 102</td>
</tr>
<tr>
<td>MATHEMATICS and STATISTICS</td>
<td>MATH 100 (or 104), 110 (or 105), 111, 113, 155, MATH 191, STAT 113 (or 213), 212</td>
</tr>
<tr>
<td>SCIENCE INTERDISCIPLINARY</td>
<td>SCI 101, 102 (distribution credit only if both semesters are completed)</td>
</tr>
<tr>
<td>PHYSICS AND ASTRONOMY</td>
<td>ASTRO 100, PHYS 101, 110, 111, 120, 121, 151*, 152*, 153*</td>
</tr>
</tbody>
</table>

*Note: A minimum of 1 course including laboratory with an ANTHP, BIOL, CHEM, PGEOG, GEOG, PHYS, or SCI prefix is required. Category I may not be fulfilled exclusively by courses in mathematical and/or computer sciences.

*Pending Senate approval

## 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)

The foreign language requirement may be fulfilled in any of the following languages:

- **Chinese (CHIN)**
- **Greek (GRK)**
- **Japanese (JPN)***
- **Portuguese (PORT)**
- **Swahili (SWA)**
- **French (FREN)**
- **Hebrew (HEBR)**
- **Latin (LAT)**
- **Russian (RUSS)**
- **Ukrainian (UKR)**
- **German (GERMN)**
- **Italian (ITAL)**
- **Polish (POL)**
- **Spanish (SPAN)**
- **Yoruba (YOR)**

*Course of Study* In each language a required course sequence (12 credits) is offered: Elementary I and II (2 three-credit courses or 1 six-credit intensive course) and Intermediate I and II (2 three-credit courses or 1 six-credit intensive course). The 4 three-credit courses are usually numbered 101-102 and 201-202.** The 2 intensive six-credit courses are usually numbered 103 and 203.*** The first semester of a four-course sequence will not be credited without completion of the second semester.

*Placement and Exemption* (1) Students may be exempted from part or all of the foreign language requirement by virtue of successful completion of high school courses. Each year of language study completed in high school is equivalent to one semester (3 cr) of the same language in college. The requirement of 4 semesters of language courses or an equivalent combination of college

*The Spanish for Native Speakers sequence is numbered SPAN 205-206, 207-208. Intermediate Greek is GRK 110 and GRK 202 or 203. Intermediate Latin is LAT 110 and LAT 201, 202, 203, or 204.

**Intensive courses are not offered in all languages. Exceptions to the usual numbering are CHIN 107, 207; GRK 107, LAT 107.

***Pending Senate approval
Humanities: Foreign Language (Continued)

and high school courses is fulfilled only if all 4 semesters are completed in the same language. Students who have completed 4 years of one foreign language in high school should apply for an exemption with the Coordinator of Academic Appeals (Room 1119E); an official high school transcript is required. Students who have passed a language Advanced Placement Test of the College Board with a grade of 5, 4, or 3 should contact the Office of Admissions. (2) Students may also be exempted from part or all of the foreign language requirement by virtue of courses taken at other colleges. (3) Competency demonstrated through a proficiency examination fulfills part or all of the requirement; contact the appropriate departmental office to arrange for an examination. Students who wish to be exempted from the language requirement on the basis of competency in a language not taught at Hunter College should contact the Dean of Humanities and the Arts. (4) Note that exemption from the language requirement does not yield any credit unless the exemption is based on the satisfactory completion of course courses. In general, the following guidelines apply:

1) Students have satisfied the foreign language requirement if they can certify satisfactory completion of 4 years of study of one language in high school, or satisfactory completion of a college course equivalent to at least the 4th level of a Hunter foreign language sequence, or competency demonstrated through a proficiency examination.

2) Students who have satisfactorily completed 3 years of study of one language in high school or have completed the college equivalent of the 3rd level in a foreign language sequence should take the 4th course in the required sequence.

3) Students who have satisfactorily completed 2 years of study of one language in high school or have completed the college equivalent of the 2nd level in a foreign language sequence should take the 3rd and 4th courses in the required sequence.

4) Students who have satisfactorily completed 1 year of study of a language in high school or have completed the college equivalent of the 1st level in a foreign language sequence should take the 2nd, 3rd and 4th courses in the required sequence.

5) Students who begin a foreign language should take the required course sequence (12 cr).

CATEGORY IV

Humanities: Literature

(6 credits)

1. 3 credits in literature written in the English language: ENGL 220 or BLPR 235, 236, 237.

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.

CATEGORY V

Humanities and the Arts

(9 credits)

No more than 1 course (3 credits) may be taken in any one department or program.

Group 1: (A maximum of 6 credits may be taken from this group)
ART—ART 111
DANCE—DAN 102, 252
MUSIC—MUS 101, 107, MUSTH 101
THEATRE & FILM—THDA 101, FILM 101*
HUMANITIES INTERDISCIPLINARY—HUM 201

Group 2: (A maximum of 6 credits may be taken from this group)
COMMUNICATIONS—COMM 160, MEDIA 180
PHILOSOPHY—PHIL 101, 104, 105, 170, 201, 203, 204

Group 3: (A maximum of 3 credits may be taken from this group)
RELIGION—REL 110, 111, 204, 205, 207, 251, 262, 255, 254
HUMANITIES INTERDISCIPLINARY—HUM 110
BLACK & PUERTO RICAN STUDIES—BLPR 220, 222, 141, 243
CHINESE—CHIN 111, 112
CLASSICS—CLAS 104, 110, 201, 203, 220, 225, 226, 227
FRENCH—FREN 241, 242
GERMAN—GERMN 240
HEBREW—HEBR 240, 259, 268, 290, 292, 295
RUSSIAN—RUSS 155, 156, 157, 255
SPANISH—SPAN 241

CATEGORY VI

Social Science

(12 credits)

ANTHROPOLOGY—ANTH 101, 102, 103*
BLACK & PUERTO RICAN STUDIES—BLPR 400, 101, 201, 202, 203, 204; or 1 course chosen from 102, 103; or 1 course chosen from 241, 242, 244
ECONOMICS—ECON 100, 200, 201
HISTORY—HIST 111, 112, 113, 122, 151, 152, 201, 210, 277, 278, 288, 289
HUMAN GEOGRAPHY—GEOG 101, 221, 226. also 251 or 260,

but not both

POLITICAL SCIENCE—POLSC 111, 112, 115, 117*
PSYCHOLOGY—PSYCH 100; an additional course may be selected from PSYCH 140, 150, 160, 170, 180
SOCIOLOGY—SOC 101; an additional course may be selected from SOC 217, 219, 253, 257
URBAN AFFAIRS—URBS 101, 102, 201

*Pending Senate approval
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.

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. Students are advised to attend the fall Departmental Major Day conferences and spring Major Day Fair. 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 at least 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 a 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. Students fulfilling the requirements of two separate majors may be released from the requirement of completing a minor if the minor requirement is waived by both major departments. 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. Upon filing for graduation, 2 certificates in support of the degree should be filed with the Registrar—one from each major department.

Departmental majors leading to the BA are:

<table>
<thead>
<tr>
<th>Department</th>
<th>Major</th>
<th>Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology</td>
<td>English</td>
<td>Philosophy</td>
</tr>
<tr>
<td>Art</td>
<td>French</td>
<td>Physical Education</td>
</tr>
<tr>
<td>Biology</td>
<td>Geography</td>
<td>Physics</td>
</tr>
<tr>
<td>Black &amp; Puerto Rican Studies</td>
<td>Geology</td>
<td>Political Science</td>
</tr>
<tr>
<td>Chemistry</td>
<td>German</td>
<td>Psychology</td>
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<tr>
<td>Chinese</td>
<td>Greek</td>
<td>Religion</td>
</tr>
<tr>
<td>Classical Studies</td>
<td>Hebrew</td>
<td>Romance</td>
</tr>
<tr>
<td>Communications</td>
<td>History</td>
<td>Language</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Italian</td>
<td>Russian</td>
</tr>
<tr>
<td>Dance</td>
<td>Latin</td>
<td>Sociology</td>
</tr>
<tr>
<td>Economics</td>
<td>Mathematics</td>
<td>Spanish</td>
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<td></td>
<td>Music</td>
<td>Statistics</td>
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<td></td>
<td>Theatre &amp; Film</td>
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</tbody>
</table>

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 catalog.

- Archaeology
- Comparative Literature
- English Language Arts
- Energy Policy Studies
- Human Movement Studies
- Jewish Social Studies
- Latin American and Caribbean Studies
- Religion
- Urban Studies
- Women's Studies

In addition to the interdepartmental fields of study, the College also offers individual interdepartmental courses in the humanities, social sciences, sciences and mathematics, and health sciences (see page 125).

3. ELECTIVE (OR OPTIONAL) 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. No course may be repeated unless it is so stated in the course description in the catalog.

OTHER REQUIREMENTS

Minimum Proficiency Every newly matriculated and non-degree 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 remedial/developmental courses in successive semesters until proficiency is demonstrated. Baccalaureate, master's or doctoral degree holders (from a college or university accredited by a regional U.S. accrediting association) and senior citizens with non-degree status do not have to take proficiency examinations.

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 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/developmental course work takes precedence over all other course work; therefore:

a. Remedial/developmental course work should begin as soon as the student enters Hunter College, and

b. All remedial/developmental course work should be completed within the first 36 courses 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.

Students who need to take a remedial/developmental course should make every effort to register at the scheduled time in order to ensure a place in the course.

All students graduating after February 1, 1965, may earn up to a maximum of 10 credits for remedial/developmental courses toward graduation, with no more than 3 credits in any one sequence.
(math—which also includes reading, written English), except for English as a second language, where the maximum number of credits can be 4.

Effective January 1988, failure to complete developmental course work may prohibit registration into the majority of distribution requirement and/or major courses.

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

**COURSE ACCESS CODES**

Students attempting to register for a course without having passed a required remedial/developmental prerequisite will have their registration blocked. The course access code system is designed to help students with course planning and selection and to prevent delays at registration.

The following tables explain the codes and indicate which restrictions apply to courses in individual departments. For answers to further questions about specific departmental requirements, consult an advisor in that department. Consult the *Schedule of Classes* each semester for updated information on course access codes.

*Important* Note that in each case (reading, writing—ESL, writing, and arithmetic and topics in algebra) the course listed above the arrow is a prerequisite for the course listed below the arrow. For example, to take DX ENGL 002 you must have completed DR ENGL 001; to take DW ENGL 005 you must have completed DY ENGL 004 and DL ENGL 003.

**KEY TO DEVELOPMENTAL COURSE CODES**

<table>
<thead>
<tr>
<th>All Students</th>
<th>Seek Students</th>
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<tbody>
<tr>
<td>DR ENGL 001</td>
<td>DR ACSK 050.051</td>
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<td>DX ENGL 002</td>
<td>DX ACSK 052</td>
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<td>DM ACSK 010.011</td>
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*All other Women's Studies courses have the course access code(s) indicated under the department in which they originate.

PLURALISM AND DIVERSITY REQUIREMENT

For students who entered Hunter College in the Fall 1993 semester or later:

In order to graduate from Hunter College, every student is required to complete 12 credits in designated courses that address issues of pluralism and diversity. Students choose three credits from each of the four groups below. A list of courses accepted for the requirement follows. (Additional courses will be approved by the Hunter College Senate, and an updated list will be published in the Schedule of Classes.)

Courses that satisfy the Pluralism & Diversity Requirement may simultaneously meet a student's Distribution Requirement or the courses necessary for a major or minor area of study. While some courses may be listed in more than one group of the requirement, students will be able to apply such a course to only one of the four areas.

Transfer students must complete the Pluralism and Diversity Requirement. Work done at previous colleges may be counted toward the Pluralism and Diversity Requirement. When a student is given course equivalence for a course that counts towards pluralism and diversity, that student will also be deemed to have met the Pluralism and Diversity Requirement EXCEPT in the following cases: BIOL 101, 102, SOC 101. In these exceptional cases, students must see the department to receive pluralism and diversity credit.

Four areas of pluralism and diversity:

1. a course that focuses on historical and intellectual issues comprising the study of non-European cultures or their political/economic systems, especially those of Africa, Asia, or those indigenous to the Americas;

2. a course that focuses on the perspectives and contributions of one or more of the following groups in the United States of America: African Americans, Asian Americans, Latino Americans, and Native Americans;

3. a course that focuses on the perspectives and concerns of women and/or issues of gender/sexual orientation;

4. a course that focuses on major issues — artistic, literary, practical, or theoretical — reflected in the intellectual traditions of, or principally derived from, Europe.
A course that focuses on historical and intellectual issues comprising the study of non-European cultures or their political/economic systems, especially those of Africa, Asia, or those indigenous to the Americas.

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<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 351</td>
<td>Contemporary Economic Systems in Latin America</td>
</tr>
<tr>
<td>ECO 352</td>
<td>Economics of the Caribbean</td>
</tr>
</tbody>
</table>

### English

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ENGL 250.76</td>
<td>Minority and Colonial Literature</td>
</tr>
<tr>
<td>ENGL 250.87</td>
<td>African Women Storytellers: From Orature to Literature</td>
</tr>
<tr>
<td>Course No.</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>--------------</td>
</tr>
<tr>
<td>ENGL 250.92</td>
<td>Black Women Writers: Cross-Cultural Connections</td>
</tr>
<tr>
<td>ENGL 325</td>
<td>Post-Colonial Literature in English</td>
</tr>
<tr>
<td>ENGL 327</td>
<td>Studies in Caribbean Literature</td>
</tr>
<tr>
<td>ENGL 355.55</td>
<td>Post-Colonial Narratives: Asia, Africa, Caribbean</td>
</tr>
<tr>
<td>ENGL 368.69</td>
<td>Caribbean Writers</td>
</tr>
<tr>
<td>ENGL 373.64</td>
<td>Decolonizing Desire: Fictions by Third World Women</td>
</tr>
<tr>
<td>ENGL 390.50</td>
<td>Caribbean Writers</td>
</tr>
<tr>
<td>ENGL 484.01</td>
<td>Epic and Neo-Epic in Contemporary African Literature</td>
</tr>
<tr>
<td>ENGL 494.73</td>
<td>Post-Colonial Narratives</td>
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**Geography & Geography**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>GEG 270</td>
<td>Regional Geography of Middle America</td>
</tr>
<tr>
<td>GEG 271</td>
<td>Regional Geography of South America</td>
</tr>
<tr>
<td>GEG 274</td>
<td>Regional Geography of Middle East and North Africa</td>
</tr>
<tr>
<td>GEG 275</td>
<td>Regional Geography of Sub-Saharan Africa</td>
</tr>
<tr>
<td>GEG 277</td>
<td>Regional Geography of East Asia</td>
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**History**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HIST 111</td>
<td>World History to 1500</td>
</tr>
<tr>
<td>HIST 277</td>
<td>Asian Civilization</td>
</tr>
<tr>
<td>HIST 278</td>
<td>Modern Asian Civilization</td>
</tr>
<tr>
<td>HIST 288</td>
<td>Early African History</td>
</tr>
<tr>
<td>HIST 289</td>
<td>History of Africa in the 19th &amp; 20th Centuries</td>
</tr>
<tr>
<td>HIST 301</td>
<td>History of the Ancient Near East</td>
</tr>
<tr>
<td>HIST 309</td>
<td>Jewish History in the Ancient World</td>
</tr>
<tr>
<td>HIST 376.50</td>
<td>Golden Age of Islam</td>
</tr>
<tr>
<td>HIST 376.51</td>
<td>Middle East Today</td>
</tr>
<tr>
<td>HIST 378</td>
<td>History of Modern China</td>
</tr>
<tr>
<td>HIST 379</td>
<td>History of Modern Japan</td>
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**Honors Program**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HONS 201.54</td>
<td>Nationalism and the Politics of Identity</td>
</tr>
<tr>
<td>HONS 201.76</td>
<td>Physical Characteristics of and Human Impact on Tropical Rainforests</td>
</tr>
<tr>
<td>HONS 301.67</td>
<td>South Africa and Southern Africa After Apartheid</td>
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**Music**

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<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MUSL 261.54</td>
<td>African Music</td>
</tr>
<tr>
<td>MUSL 261.67</td>
<td>Music of the Caribbean and Latin America</td>
</tr>
<tr>
<td>MUSL 352</td>
<td>Introduction to Ethnomusicology I</td>
</tr>
<tr>
<td>MUSL 353</td>
<td>Introduction to Ethnomusicology II</td>
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**Philosophy**

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<tr>
<th>Course No.</th>
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<tr>
<td>PHIL 219</td>
<td>Asian Philosophers</td>
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**Political Science**

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<tr>
<th>Course No.</th>
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<tr>
<td>POLSC 114</td>
<td>Intro to Government and Politics in the Third World</td>
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<tr>
<td>POLSC 252</td>
<td>Government &amp; Politics in the Caribbean</td>
</tr>
<tr>
<td>POLSC 253</td>
<td>Government &amp; Politics in Latin America</td>
</tr>
<tr>
<td>POLSC 255</td>
<td>Government &amp; Politics in Japan and Korea</td>
</tr>
<tr>
<td>POLSC 256</td>
<td>Government &amp; Politics in Southeast Asia</td>
</tr>
<tr>
<td>POLSC 257</td>
<td>Government &amp; Politics in China</td>
</tr>
<tr>
<td>POLSC 263</td>
<td>Government &amp; Politics in the Middle East</td>
</tr>
<tr>
<td>POLSC 267</td>
<td>The Politics of Southern Africa</td>
</tr>
<tr>
<td>POLSC 269</td>
<td>Government &amp; Politics in Northern Africa</td>
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**Religion**

<table>
<thead>
<tr>
<th>Course No.</th>
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<tbody>
<tr>
<td>REL 251</td>
<td>Eastern Religions</td>
</tr>
<tr>
<td>REL 254</td>
<td>Tribal Religions: From Australia to North America</td>
</tr>
<tr>
<td>REL 320</td>
<td>Hinduism</td>
</tr>
<tr>
<td>REL 321</td>
<td>Buddhism</td>
</tr>
<tr>
<td>REL 324</td>
<td>Islam and Buddhism</td>
</tr>
<tr>
<td>REL 322</td>
<td>Islam</td>
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**Sociology**

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<tr>
<th>Course No.</th>
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<tr>
<td>SOC 101</td>
<td>Introduction to Sociology (pending revision of description)</td>
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<tr>
<td>SOC 361</td>
<td>Social Change in Developing Countries</td>
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<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>FILM 213.54</td>
<td>Theatre &amp; Film</td>
</tr>
<tr>
<td>FILM 214.56</td>
<td>National Cinema: Japanese Cinema</td>
</tr>
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**Women's Studies**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>WOMST 200.50</td>
<td>Women and Development</td>
</tr>
<tr>
<td>WOMST 200.67</td>
<td>Women and Music in World Culture</td>
</tr>
<tr>
<td>WOMST 200.73</td>
<td>African Women: Development and Politics</td>
</tr>
<tr>
<td>WOMST 211</td>
<td>Women in the Third World</td>
</tr>
<tr>
<td>WOMST 300.63</td>
<td>Changing Role of Women in China and Japan</td>
</tr>
<tr>
<td>WOMST 300.64</td>
<td>Women in the Middle East</td>
</tr>
<tr>
<td>WOMST 300.69</td>
<td>Decolonizing Desire</td>
</tr>
</tbody>
</table>

**LIST OF PLURALISM AND DIVERSITY REQUIREMENT COURSES: GROUP 2**

A course that focuses on the perspectives and contributions of one or more of the following groups in the United States of America: African Americans, Asian Americans, Latino Americans, and Native Americans.

**Anthropology**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ANTHC 211</td>
<td>Peoples and Cultures of Native North America</td>
</tr>
<tr>
<td>ANTHC 320.89</td>
<td>Anthropology of the Crossroads: Indian America and Central America</td>
</tr>
<tr>
<td>ANTHC 401.87</td>
<td>Immigrant Employment in NYC</td>
</tr>
<tr>
<td>ANTHC 425.59</td>
<td>Archaeology of North America</td>
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**Art**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ART H 290.62</td>
<td>Black American Artists in Paris Between the Wars</td>
</tr>
<tr>
<td>ART H 399.86</td>
<td>African-American Art in the 20th Century</td>
</tr>
</tbody>
</table>

**Asian American Studies Program**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ASIAN 210</td>
<td>Asians in the United States</td>
</tr>
<tr>
<td>ASIAN 220</td>
<td>Topics in Asian American Literature</td>
</tr>
<tr>
<td>ASIAN 330</td>
<td>Advanced Topics in Literature of Asian Diaspora</td>
</tr>
<tr>
<td>ASIAN 330.01</td>
<td>Nation, Self, and Asian Identity</td>
</tr>
<tr>
<td>ASIAN 230</td>
<td>Topics in Asian American Society</td>
</tr>
<tr>
<td>ASIAN 330</td>
<td>Advanced Topics in Asian American Society</td>
</tr>
<tr>
<td>ASIAN 330.01</td>
<td>Chinese in the U.S.</td>
</tr>
<tr>
<td>ASIAN 330.02</td>
<td>Korean Americans</td>
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<tr>
<td>ASIAN 330.03</td>
<td>South Asian American Communities in the U.S.</td>
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<tr>
<td>ASIAN 340</td>
<td>Advanced Topics in Asian American Media</td>
</tr>
<tr>
<td>ASIAN 340.01</td>
<td>Asian Pacific American Media</td>
</tr>
<tr>
<td>ASIAN 350</td>
<td>Topics of Asian American History</td>
</tr>
<tr>
<td>ASIAN 351</td>
<td>Asian American History of Labor and Politics</td>
</tr>
<tr>
<td>ASIAN 390</td>
<td>Seminar: Asian American Topics</td>
</tr>
<tr>
<td>ASIAN 390.01</td>
<td>International Migration</td>
</tr>
<tr>
<td>ASIAN 490</td>
<td>Advanced Seminar: Asian American Topics</td>
</tr>
<tr>
<td>ASIAN 491</td>
<td>Asian American Movement and Community Organizations</td>
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**Black & Puerto Rican Studies:**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>BLPR 100</td>
<td>Introduction to Black Politics</td>
</tr>
<tr>
<td>BLPR 102</td>
<td>Latino Communities in New York</td>
</tr>
<tr>
<td>BLPR 103</td>
<td>Conquered Peoples in America</td>
</tr>
<tr>
<td>BLPR 141</td>
<td>Puerto Rican Folklore</td>
</tr>
<tr>
<td>BLPR 203</td>
<td>African-American History I</td>
</tr>
<tr>
<td>BLPR 204</td>
<td>African-American History II</td>
</tr>
<tr>
<td>BLPR 205</td>
<td>African-American Politics of Social Change</td>
</tr>
<tr>
<td>BLPR 211</td>
<td>Black Economic History</td>
</tr>
<tr>
<td>BLPR 220</td>
<td>Afro-American Spirituality in the Diaspora</td>
</tr>
<tr>
<td>BLPR 226</td>
<td>Afro-American Literature</td>
</tr>
<tr>
<td>BLPR 236</td>
<td>Afro-Caribbean Literature</td>
</tr>
<tr>
<td>BLPR 243</td>
<td>Puerto Rican Culture</td>
</tr>
<tr>
<td>BLPR 244</td>
<td>Puerto Ricans in the United States</td>
</tr>
<tr>
<td>BLPR 247</td>
<td>Puerto Ricans in the U.S. as a Literary Theme</td>
</tr>
<tr>
<td>BLPR 255</td>
<td>The Puerto Rican Child in American Schools</td>
</tr>
<tr>
<td>BLPR 276</td>
<td>The Puerto Rican Family</td>
</tr>
<tr>
<td>BLPR 290.20</td>
<td>Hispanic Literature</td>
</tr>
<tr>
<td>BLPR 290.35</td>
<td>Dominican Identity</td>
</tr>
<tr>
<td>BLPR 290.66</td>
<td>The Black Family</td>
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<tr>
<td>BLPR 304</td>
<td>Leaders &amp; Movements of Black Urban Communities</td>
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<tr>
<td>Course No.</td>
<td>Course Title</td>
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<tr>
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<tr>
<td>BLPR 309</td>
<td>Afro-Americans and Africa</td>
</tr>
<tr>
<td>BLPR 313</td>
<td>Slavery</td>
</tr>
<tr>
<td>BLPR 319</td>
<td>Women in the African Diaspora</td>
</tr>
<tr>
<td>BLPR 320</td>
<td>African-Caribbean Culture</td>
</tr>
<tr>
<td>BLPR 336</td>
<td>Women's Studies</td>
</tr>
<tr>
<td>BLPR 351</td>
<td>Major Puerto Rican Figures</td>
</tr>
<tr>
<td>BLPR 356</td>
<td>Latino Literature in English</td>
</tr>
<tr>
<td>BLPR 362</td>
<td>Folk Religion in Puerto Rico</td>
</tr>
<tr>
<td>BLPR 370</td>
<td>Sociolinguistic Fieldwork in Black and Puerto Rican Speech Communities</td>
</tr>
<tr>
<td>BLPR 387</td>
<td>Puerto Rican Ethnic Politics in N.Y.</td>
</tr>
<tr>
<td>BLPR 390.66</td>
<td>Puerto Rican and Latina Women</td>
</tr>
<tr>
<td>BLPR 401</td>
<td>Pan-Africanism</td>
</tr>
<tr>
<td>BLPR 402</td>
<td>Afro-American Political Thought</td>
</tr>
<tr>
<td>BLPR 420</td>
<td>The Black Church and Social Change</td>
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<tr>
<td>BLPR 428.58</td>
<td>Cheikh Anta Diop</td>
</tr>
<tr>
<td>BLPR 428.59</td>
<td>African-Centered Critical Theory</td>
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<tr>
<td>BLPR 442</td>
<td>History of Puerto Rican Labor Movement</td>
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**English**

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<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>ENGL 250.53</td>
<td>Readings in African-American Literature</td>
</tr>
<tr>
<td>ENGL 250.68</td>
<td>Moral Visions of Race in American Fiction</td>
</tr>
<tr>
<td>ENGL 250.80</td>
<td>Autobiographies by Black Women Lit. Artists</td>
</tr>
<tr>
<td>ENGL 250.83</td>
<td>Native-American Literature</td>
</tr>
<tr>
<td>ENGL 250.88</td>
<td>Survey of African-American Literature</td>
</tr>
<tr>
<td>ENGL 250.92</td>
<td>Black Women Writers: Cross-Cultural Connections</td>
</tr>
<tr>
<td>ENGL 250.93</td>
<td>Multicultural American Writers</td>
</tr>
<tr>
<td>ENGL 250.96</td>
<td>Issues in Asian-American Literature</td>
</tr>
<tr>
<td>ENGL 320</td>
<td>Multicultural American Literature</td>
</tr>
<tr>
<td>ENGL 321</td>
<td>Studies in African-American Literature</td>
</tr>
<tr>
<td>ENGL 324</td>
<td>Studies in Native-American Literature</td>
</tr>
<tr>
<td>ENGL 386.60</td>
<td>Survey of African-American Literature</td>
</tr>
<tr>
<td>ENGL 386.65</td>
<td>Narratives of Liberation: Readings in African-Am. Lit.</td>
</tr>
<tr>
<td>ENGL 389.67</td>
<td>Toni Morrison</td>
</tr>
<tr>
<td>ENGL 390.52</td>
<td>Literary Pilgrimage: Black Women Writers</td>
</tr>
<tr>
<td>ENGL 398.62</td>
<td>Lost in America: Search for Identity in Am. Ethnic Lit.</td>
</tr>
<tr>
<td>ENGL 398.64</td>
<td>Loss and Empowerment in Multicultural American Writers</td>
</tr>
<tr>
<td>ENGL 398.67</td>
<td>Survey of African-American Narrative</td>
</tr>
<tr>
<td>ENGL 399.58</td>
<td>Native-American Literature</td>
</tr>
<tr>
<td>ENGL 399.60</td>
<td>The African-American Novel-19th Century to Present</td>
</tr>
<tr>
<td>ENGL 399.63</td>
<td>Multicultural American Writers</td>
</tr>
<tr>
<td>ENGL 448.56</td>
<td>Gender, &quot;Race,&quot; and Class in Current Literary Theory</td>
</tr>
<tr>
<td>ENGL 494.69</td>
<td>Fiction and Contemporary Theory-Race, Class, and Gender</td>
</tr>
<tr>
<td>ENGL 494.74</td>
<td>Contemporary Multicultural American Writing and Theories of Cultural Identity</td>
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**History**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>HIST 369</td>
<td>History of Black People in the U.S.</td>
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**Music**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MUSHL 217</td>
<td>Jazz History</td>
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<tr>
<td>MUSHL 261.56</td>
<td>Black Music in World Culture</td>
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**Philosophy**

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<tr>
<th>Course No.</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>PHIL 226</td>
<td>African-American Philosophy</td>
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**Religion**

<table>
<thead>
<tr>
<th>Course No.</th>
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<tbody>
<tr>
<td>REL 254</td>
<td>Tribal Religions: From Australia to North America</td>
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**Sociology**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>SOC 217</td>
<td>Race and Ethnic Relations</td>
</tr>
<tr>
<td>SOC 307</td>
<td>Sociology of Migration</td>
</tr>
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**Theatre & Film**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>THEA 275 [215]</td>
<td>Black Theatre</td>
</tr>
<tr>
<td>THEA 388.50 [391.50]</td>
<td>Theatre Projects: Black Theatre</td>
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**Course No.**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>FILM 214.51</td>
<td>Multicultural Perspectives in Cinema: African-American Cinema</td>
</tr>
<tr>
<td>FILM 297.62</td>
<td>Race, Gender and the Movies</td>
</tr>
<tr>
<td>WOMST 200.52</td>
<td>Race, Gender and Movies</td>
</tr>
<tr>
<td>WOMST 200.63</td>
<td>Black Women: Myth/Reality</td>
</tr>
<tr>
<td>WOMST 200.68</td>
<td>Black Women Literary Artists</td>
</tr>
<tr>
<td>WOMST 300.54</td>
<td>Afro-American Women Writers</td>
</tr>
<tr>
<td>WOMST 300.55</td>
<td>Puerto Rican-Hispanic Women</td>
</tr>
</tbody>
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**LIST OF PLURALISM AND DIVERSITY REQUIREMENT COURSES:**

**GROUP 3**

A course that focuses on the perspectives and concerns of women and/or issues of gender/sexual orientation.

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ANTHC 301</td>
<td>Sex &amp; Gender in Anthropological Perspective</td>
</tr>
<tr>
<td>ANTHC 320.76</td>
<td>Language, Sex and Gender</td>
</tr>
<tr>
<td>ANTHC 320.53</td>
<td>Women of East Asia</td>
</tr>
<tr>
<td>ART 299.63</td>
<td>Women, Art, and Culture</td>
</tr>
</tbody>
</table>

**Asian American Studies Program**

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASIAN 220.01</td>
<td>Gender &amp; Genre in Asian American Literature</td>
</tr>
</tbody>
</table>

**Biological Sciences**

<table>
<thead>
<tr>
<th>Course No.</th>
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<tr>
<td>BIOL 100 &amp; 102</td>
<td>Principles of Biology I and II (Completion of 9 credits)</td>
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**Black & Puerto Rican Studies**

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<td>BLPR 318</td>
<td>Women in Africa</td>
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<td>BLPR 319</td>
<td>Women in the African Diaspora</td>
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<tr>
<td>BLPR 335</td>
<td>Afro-American Women Writers</td>
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<td>BLPR 390.66</td>
<td>Puerto Rican and Latina Women</td>
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**Classical & Oriental Studies**

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<td>CLA 305</td>
<td>Women and Slaves in Antiquity</td>
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**Hebrew Division**

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<td>HEBR 250.50</td>
<td>Images of Women in the Old Testament</td>
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<tr>
<td>HEBR 251.60</td>
<td>Woman's Profile in Modern Hebrew Literature</td>
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<td>HEBR 284</td>
<td>Images of Women in the Old Testament</td>
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<td>HEBR 451.66</td>
<td>Seminar: The Woman in Modern Hebrew Literature</td>
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**Russian Division**

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<td>RUSS 156</td>
<td>Culture of Imperial Russia: The Age of Empresses</td>
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<td>RUSS 260</td>
<td>Russian Women Writers in English Translation</td>
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<td>RUSS 360</td>
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**Communications**

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**Economics**

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**English**

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**LIST OF PLURALISM AND DIVERSITY REQUIREMENT COURSES: GROUP 4**

A course that focuses on major issues — artistic, literary, practical, or theoretical — reflected in the intellectual tradition of, or principally derived from, Europe.

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<td>ANTHC 318</td>
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<td>ANTHC 401.80</td>
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<td>Introduction to the History of Art</td>
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<td>Survey of Western Art I &amp; II</td>
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<td>ART H 220</td>
<td>Early Medieval Art</td>
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<td>Later Medieval Art</td>
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<td>Art of the Early Renaissance</td>
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<td>Northern European Painting</td>
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<td>ART H 230</td>
<td>Art of High Renaissance and Later 16th Century in Italy</td>
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<td>Neo-Classicism and Romanticism</td>
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<td>Issues in 19th Century French Painting</td>
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<td>ART H 246</td>
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<td>ART H 249</td>
<td>Twentieth Century Art I</td>
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**Classical & Oriental Studies**

- Classical Mythology
- Greek Civilization
- Hellenistic Civilization
- Roman Civilization
- Aegean Archaeology
- Greek Archaeology
- Roman Archaeology
- Archaeology of Western Mediterranean
- Greek and Roman Tragedy in Translation
- Ancient Comedy
- Homer and Virgil
- Comparative Backgrounds of Classical Myth
- Pagans and Christians
- Women and Slaves in Classical Antiquity
- Special Studies in Ancient Greek Culture
- Special Studies in Ancient Roman Culture

**Russian Division:**

- Masterpieces of Medieval Hebrew Literature
- Maimonides's Guide to the Perplexed
- Masterpieces of Yiddish Literature
- Modern Hebrew Literature
- Medieval Hebrew Literature
- Poetry of the Modern Hebrew Renaissance Period
- The Modern Hebrew Essay
- Medieval Hebrew Philosophical Texts
- Seminar: The Woman in Modern Hebrew Literature
- The Culture of Old Russia
- Contemporary Russian Culture
- 19th Century Russian Literature
- Tolstoy and Dostoevsky
- Modern Russian Literature

**Hebrew Division:**

- Masterpieces of Medieval Hebrew Literature
- Maimonides's Guide to the Perplexed
- Masterpieces of Yiddish Literature
- Modern Hebrew Literature
- Medieval Hebrew Literature
- Poetry of the Modern Hebrew Renaissance Period
- The Modern Hebrew Essay
- Medieval Hebrew Philosophical Texts
- Seminar: The Woman in Modern Hebrew Literature
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<td>British and American Romanticism</td>
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<td>The German Short Story &amp; Novelle</td>
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<td>German Drama from Age of Goethe to Naturalism</td>
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<td>American Gothic: Melville, Poe, and Hawthorne</td>
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<td>Readings in Classical Period of German Literature</td>
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<td>The Consciousness Industry</td>
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<td>East German Literature 1945-1990</td>
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<td>German Literature from its Origins to the Age of Goethe</td>
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<td>German Thought and Culture: A Survey</td>
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<td>Gottfried von Strassburg (1 credit)</td>
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<td>Birth of the Psychological Novel</td>
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<td>The Creative Act: Theory and Practice</td>
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<td>Innovations in Contemporary Poetry</td>
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<td>Heinrich von Kleist (2 credits)</td>
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<td>Georg Buchner (2 credits)</td>
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<td>Texts and Images: 19th-Century Literature &amp; Art</td>
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<td>Hermann Hesse: Magister Ludi (1 credit)</td>
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<td>ENGL 387.74</td>
<td>Marriage: Issues &amp; Perspectives in British Lit,</td>
<td>GERMN 364</td>
<td>Rainer Maria Rilke's Duino Elegies (1 cr.)</td>
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<td>GERMN 366</td>
<td>Thomas Mann's The Magic Mountain (1 cr.)</td>
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<td>Charles Dickens</td>
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<td>Virginia Woolf</td>
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<td>Jane Austin</td>
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<td>Thomas Hardy</td>
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<td>John Keats</td>
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<td>Early Modern Europe 1500-1815</td>
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<td>Burden of Empire</td>
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<td>Western Literary Backgrounds of British and AmLit.</td>
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<td>Gender, &quot;Race,&quot; and Class in Current Lit. Theory</td>
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<td>Images of Wonder: Blake's Composite Art</td>
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<td>Europe in Transition: The Late Middle Ages</td>
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<td>Shakespeare, Greek and Roman Plays</td>
<td>HIST 314</td>
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<td>Inner Lives: Developing Characters</td>
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<td>Issues of Race, Class, and Gender in Contemp Lit.</td>
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<td>France during the Revolution and Napoleonic Eras</td>
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<td>England under the Tudors &amp; Stuarts</td>
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<td>Georgian &amp; Victorian England</td>
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<td>German Thought and Culture: A Survey</td>
<td>GERMN 345</td>
<td>Women &amp; Society in Victorian England</td>
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<td>The Early Republic</td>
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<td>Rise of U.S. as a World Power</td>
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<td>Role of Women in American History</td>
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<td>Civil War &amp; Reconstruction</td>
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<td>Russia to the 20th Century</td>
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<td>Late Imperial Russia &amp; USSR</td>
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**Honors Program**

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<td>HONS 201.81</td>
<td>Modern Biology &amp; Concepts of Human Nature</td>
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<td>HONS 301.84</td>
<td>Maps in History, Art, Literature</td>
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<td>HONS 201.54</td>
<td>Nationalism and the Politics of Identity</td>
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<td>HONS 301.85</td>
<td>Art and Politics in 19th-Century France</td>
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<td>HONS 301.79</td>
<td>Sources of 20th-Century Thought</td>
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<td>HONS 301.86</td>
<td>Literature and Art in the Italian Renaissance</td>
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**Music**

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<td>Introduction to Music</td>
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<tr>
<td>MUSHL 105</td>
<td>Introduction to Music History</td>
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<td>MUSHL 105</td>
<td>Music History I</td>
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<td>MUSHL 106</td>
<td>Music History II</td>
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<td>MUSHL 203</td>
<td>Orchestral Music</td>
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<td>MUSHL 204</td>
<td>Chamber Music</td>
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<td>MUSHL 210</td>
<td>Music for the Piano</td>
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<td>MUSHL 212</td>
<td>Masterpieces of Opera</td>
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<td>MUSHL 218</td>
<td>Masterworks of Choral Literature</td>
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<td>MUSHL 219</td>
<td>The Art Song</td>
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<td>MUSHL 354</td>
<td>Music of the Middle Ages and Renaissance</td>
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<td>Music of the Baroque Period</td>
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<td>Music of the Classical Period</td>
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<td>Music of the Romantic and Post-Romantic Periods</td>
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**Philosophy**

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<td>Philosophy, Politics, &amp; Society</td>
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<td>PHILO 201</td>
<td>Knowledge and Reality</td>
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<tr>
<td>PHILO 203</td>
<td>Great Philosophers: Ancient &amp; Medieval</td>
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<td>PHILO 204</td>
<td>Great Philosophers: Modern &amp; Contemporary</td>
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<td>PHILO 212</td>
<td>Classical Greek Philosophy: Plato &amp; Aristotle</td>
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<td>PHILO 214</td>
<td>Medieval Philosophy</td>
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<td>PHILO 215</td>
<td>Foundations of Modern Philosophy</td>
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<tr>
<td>PHILO 217</td>
<td>Empiricism and the Enlightenment</td>
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<tr>
<td>PHILO 218</td>
<td>19th-Century Philosophy (Hegel, Schopenhauer, Mill, Kierkegaard, Marx, Nietzsche)</td>
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<td>PHILO 220</td>
<td>Marxism</td>
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<tr>
<td>PHILO 225</td>
<td>American Philosophy (Edwards, Emerson, Thoreau, Peirce, Royce, Santayana, Dewey)</td>
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<td>PHILO 228</td>
<td>Existentialism</td>
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**Political Science**

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<td>POLSC 201</td>
<td>Great Political Ideas: Plato to Rousseau</td>
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<td>POLSC 204.51</td>
<td>Women in Western Political Thought</td>
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<td>POLSC 254</td>
<td>Government &amp; Politics in Western Europe</td>
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**Psychology**

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**Religion**

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<td>Faith and Disbelief</td>
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<td>REL 206</td>
<td>Ideas of God in the West</td>
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<td>REL 253</td>
<td>Western Religions</td>
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**REL 323** | Christianity |
**REL 333** | Christian Theology |

**Romance Languages**

**French**

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<td>Early French Civilization: From Gothic to Revolution</td>
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<td>FREN 242</td>
<td>Modern French Civilization: From Revolution to Present</td>
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<tr>
<td>FREN 251</td>
<td>French Literature and the Arts</td>
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<tr>
<td>FREN 252</td>
<td>From Symbolism to Surrealism in French Literature</td>
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<tr>
<td>FREN 253</td>
<td>Modern French Theatre: Theory and Practice</td>
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<tr>
<td>FREN 254</td>
<td>Film and the French Novel</td>
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<td>FREN 255</td>
<td>New Approaches to Modern French Literature</td>
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<td>FREN 256</td>
<td>Dream and Image</td>
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<td>FREN 257</td>
<td>Literary Cross-Currents</td>
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<td>FREN 258</td>
<td>French Poetry in Translation</td>
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<td>FREN 259</td>
<td>French Theatre in Translation</td>
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<td>FREN 260</td>
<td>French Novel in Translation (1600-1900)</td>
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<td>FREN 261</td>
<td>Modern French Novel in Translation (1900 to Present)</td>
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<td>FREN 262</td>
<td>Perspectives on Women in French Literature</td>
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<td>FREN 275</td>
<td>Selected Masterpieces of French Literature</td>
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<td>FREN 336</td>
<td>French Civilization and Culture</td>
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<td>FREN 341</td>
<td>Survey of French Literature from the Middle Ages to the End of the 17th Century</td>
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<td>Medieval and Renaissance French Literature</td>
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<td>17th-Century French Literature</td>
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<td>FREN 361</td>
<td>Middle Ages and the Renaissance: Special Topics</td>
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<td>The 17th Century: Special Topics</td>
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<td>The 20th Century: Special Topics</td>
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<td>Seminar in French Literary History</td>
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**Italian**

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<td>Dante's &quot;Divine Comedy&quot; in English</td>
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<td>ITAL 341</td>
<td>Introduction to Italian Lit. from the Middle Ages to the 18th Century</td>
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<td>ITAL 342</td>
<td>Introduction to Italian Lit. from the 16th Century to the Present</td>
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<tr>
<td>ITAL 343</td>
<td>Dante's Vita Nuova and the Inferno</td>
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<td>ITAL 344</td>
<td>Dante's Purgatorio and Introduction to Paradiso</td>
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<td>ITAL 345</td>
<td>Dante's Paradiso and Major Prose Works</td>
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<td>ITAL 346</td>
<td>Petrarch, Boccaccio, and the Literature of Humanism</td>
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<td>ITAL 347</td>
<td>16th-Century Italian Literature</td>
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<td>17th- and 18th-Century Literature</td>
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<td>ITAL 349</td>
<td>The Modern Italian Lyric</td>
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**Spanish**

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<td>Civilization of Spain, in English</td>
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<td>Contemporary Spanish Literature in Translation</td>
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<td>SPAN 275</td>
<td>Readings in Modern Spanish Literature</td>
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<td>SPAN 335</td>
<td>Spanish Civilization</td>
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<td>Introduction to Hispanic Literature I</td>
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<td>SPAN 342</td>
<td>Introduction to Hispanic Literature II</td>
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<td>SPAN 343</td>
<td>Spanish Literature of the Middle Ages</td>
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<td>SPAN 345</td>
<td>Spanish Drama of the Golden Age</td>
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<td>SPAN 346</td>
<td>Cervantes</td>
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<td>SPAN 349</td>
<td>Spanish Prose of the Golden Age</td>
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<tr>
<td>SPAN 350</td>
<td>Spanish Poetry of the Golden Age</td>
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PROGRAM PLANNING

Declaring the Major/Minor When the choice is made, the student should obtain a major or minor form from the Office of the Registrar and see the major department advisor. 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 collateral major, which requires approval of the Education Division. The student should be familiar with department requirements and give thought to the optional major and minor courses before meeting with the major advisor. Students fulfilling the requirements of two separate majors may be released from the requirement of completing a minor if the minor requirement is waived by both major departments.

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

Accounting Music (BS and BMus)  
Community Health Education Nursing  
Environmental Health Science Nutrition and Food Science  
Fine Arts (BFA degree—Art) Physical Education  
Health Education Physical Therapy  
Medical Laboratory Sciences

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

Anthropology Economics Mathematics and Statistics  
Biological Sciences English Biopharmacology History  
Film Studies Music Physics

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. Each course may be used only as part of one component, either graduate or undergraduate.

BA/MS Degrees The Department of Sociology offers a BA/MS degree program, sociology and social research. See the department listing in this catalog for further description. The Department of Biological Sciences offers a BA/MS degree program in biological sciences/environmental and occupational health sciences. See the department listing for further information.

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 ensure 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 2 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 catalog satisfy requirements for the first 2 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.

Premedical Professions 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 Preadmission 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.

Prelaw 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 prelaw 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 Education section of this catalog.

SPECIAL PROGRAMS

Public Service Scholar The Public Service Scholar program 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 and the non-profit sector with intensive seminars on public policy issues and non-profit and public organizations. 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 Public Scholar Program, Room 1643 Hunter West, 772-5599.

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, music, philosophy, theatre and film, urban studies, and women's studies. 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 learning opportunities. This program is offered on a regular basis. 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 inservice student at the host institution and the student's analysis and evaluation paper. Students interested in the program should make inquiries in the Inservice Learning Program Office, East Building room 1013.

INTERCAMBIO: CUNY/University of Puerto Rico Academic Exchange Program The Program has four components: undergraduate student interchanges; graduate training; visiting professorships; joint seminars and research. CUNY undergraduates may study for a single semester or the academic year at the Puerto Rico campus of the UPR for full credit from their home institutions. A summer program in language and Puerto Rican history, culture and society is usually offered. intercambio provides special activities and continuous support from UPR and CUNY Program staff. Contact intercambio, Centro de Estudios Puertorriqueños, Box 548, Hunter College, 695 Park Ave., New York, NY 10021.

COR: The COR Program The Departments of Psychology, Anthropology, and Sociology jointly offer a program called COR (Career Opportunities in Research and Education). This interdisciplinary research training program for talented minority juniors and seniors is funded by 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 apply for admission to the program. Additional details and descriptive literature are available from the COR program advisor. For more information call 772-4562 or Prof. G. Turkewitz at 772-5616.

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 Department section of this catalog.
Minority Access to Research Careers Program (MARC) The National Institutes of Health’s Division of General Medicine provides a special training program for competitively selected minority students to pursue research careers in natural sciences. Students who will go on for the PhD degree rather than to medical school are preferred. Students in the MARC program are all undergraduates and they receive a stipend of $7,000 per year. MARC students receive a full scholarship.

Minority Biomedical Research Support Program (MBRS) The National Institutes of Health’s Division of General Medicine provides an opportunity for qualified minority students at Hunter College to participate in an experimental research project under the supervision of the science or psychology faculty. Part-time research is conducted by the student for a salary range as follows: PhD students receive $10,008/year, MA candidates are reimbursed at an annual rate of $7,800 and undergraduates receive $6,000. Graduate students receive a full scholarship and undergraduates are reimbursed for 75 percent of their tuition and fees. The program is intended to encourage and increase the participation of underrepresented minorities in biomedical research careers and in medicine.

For both the MARC and MBRS programs, Hunter College faculty members, representing the Departments of Biology, Chemistry, Physics and Psychology, 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.

The National Student Exchange Program (NSE) is a consortium of approximately 100 public colleges and universities throughout the U.S. which enables students at member campuses to spend 1-2 semesters at any participating college while paying tuition and fees at the home college or at the host college's in-state tuition rate. On-campus housing is usually available. Many study abroad opportunities can also be obtained through this program. Sophomores through seniors in any major can apply for exchange. Generally, a GPA of at least 2.8 is required. Applications may be submitted from September through mid-February for exchanges taking place during the following fall and spring. Further information may be obtained in room 1013 East, by calling (212) 772-5004, or by writing to the Inservice/NSE Office, Hunter College, 695 Park Avenue, New York, N.Y. 10021.

New York/Paris Exchange Program This is an exchange program with the Universities of Paris. Undergraduate as well as graduate students are invited to apply for either a semester or a year. Requirements include either four semesters of college-level French or an equivalent proficiency. Participants pay their tuition at Hunter College and receive elective credits at Hunter for the work they do in France. Students remain eligible for TAP and PELL tuition assistance grants during their time abroad. The program office in Paris assists students in finding housing and positions as "au pairs" with French families. Deadline for the Fall semester is April 15th; deadline for the Spring semester is November 30th. For further information and applications, please contact: Professor Julia Przberski, Romance Language Department (772-5097) or The New York/Paris Exchange Program, Queens College, English Department, 65-30 Kissena Blvd., Flushing, N.Y. 11367. Tel.: (718) 997-4608.

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 sophomores who have high intellectual or artistic ability and an interest in interdisciplinary studies, 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 who wish to pursue interdisciplinary studies. For details, see Honors Program section in this catalog.

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, East Building room 1119.

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 and 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 for Jewish Research, Manhattan For information about this exchange program with the Max Weinreich Center for Advanced Jewish Studies of the YIVO Institute for Jewish Research, consult the description in the Jewish Social Studies section of this catalog 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 catalog 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 can be obtained 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 the distribution requirement 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 44.

Students should be especially careful of informally given advice. Every student is obliged 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 withholding of diploma and transcripts. In 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 catalog covers the general academic regulations consonant with earning a degree at Hunter when this catalog went to press in summer 1995. 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, where Credit is the equivalent of A, B, or C, and No Credit is the equivalent of D or F. 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) A maximum of 10 courses (including repeated courses) at Hunter College may be taken on a Credit/No Credit basis excluding remedial/developmental courses and any courses with mandatory CR/NC grading.

b) Credit/No Credit grades are not allowed for students on probation.

c) When a student chooses the Credit/No Credit option and earns a D as the final grade, the student may choose to receive either the D or a grade of No Credit.

d) If (as a result of a student's request) a Credit/No Credit is given where it is not an allowed grade according to existing regulations, it will be converted to a letter grade by the Registrar's Office. Credit grades will be changed to C; No Credit grades will be changed to F.

e) 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, nutrition & food science, and prelaw. All students should check with their departmental advisors for specific policies.

The Credit/No Credit system may be elected by students up until the time, within College regulations, that the student completes all course work/exams. 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. Students requesting grading according to this system must satisfy whatever attendance requirement has been set by the instructor, complete all of the assignments, and take the final examination. It should be noted that the grade of No Credit shall be used only to replace the academic grades of D and F. It shall not be used to replace the grades of WU or IN. A No Credit grade may not override the F/N grade.

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.

ALERT/NOTE: ELIGIBILITY FOR SOME FINANCIAL AID GRANTS MAY BE AFFECTED BY THE CHOICE OF CREDIT/NO CREDIT GRADES. THIS MUST BE CHECKED BY STUDENTS BEFORE THE OPTION OF CREDIT/NO CREDIT GRADE IS MADE.

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:
### Grade Point Average

<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% (lowest passing grade)</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>60-69%</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 (equivalent to D, F)</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>Failure to achieve minimum proficiency. Course must be repeated. (This grade may be awarded only once in a given course.)</td>
<td></td>
</tr>
<tr>
<td>IN</td>
<td>Term's work incomplete. This may include absence from final examination.</td>
<td></td>
</tr>
<tr>
<td>FIN</td>
<td>F from incomplete; an administrative grade used when IN reverts to F; this occurs if grade is not made up by the end of the following semester</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>
<tr>
<td>*</td>
<td>Current course (course in progress)</td>
<td></td>
</tr>
<tr>
<td>WA</td>
<td>Administrative withdrawal</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 can not 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:

### Retention and Probation - Undergraduate

The grade point average earned over the total period of a student's attendance, better known as the cumulative grade point average or index, indicates the adequacy of each student's scholarship.

Below you will find minimum standards for retention and probation. Students who fail to achieve the required academic standards will be placed on academic probation. During this probationary period students who make satisfactory academic progress will continue to maintain their academic standing with the College and their concurrent eligibility for financial aid. Students who fail to achieve the required academic standards while on probation will be dismissed from Hunter College and the University system.

### Reminder: Academic requirements are the student's responsibility.

A student is automatically on probation when he/she fails to achieve the required standards, whether he/she has received notification of such probation from the College or not. Therefore, always keep in mind your probation status when registering for the next semester.

### Undergraduate Students

The following table shows the minimum grade point average which each undergraduate student must meet:

<table>
<thead>
<tr>
<th>Total Credits Earned</th>
<th>Minimum Cumulative G.P.A. (Index)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-12</td>
<td>1.5</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>

Hunter's normal probation appeals procedure will continue to consider individual cases and to make such exceptions to these policies as circumstances may warrant.

Students dropped from the College may not be readmitted until they have been separated from the University for at least one semester or equivalent calendar time. Students must obtain an application for readmission at the Registrar's Office, Room 217 HN. Students who are separated from the College may not enroll for credit-bearing courses in any unit of the University in any status.

### 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.

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 for any reasons 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 full 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 the Registrar. Applications must be filed at least 3 months 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.

### Incomplete Work in Course

When a student for valid reason does not complete the work assigned in a course (including the final exam, papers, etc.), and in the view of the instructor still has a reasonable chance to pass the course, the student shall be given the grade IN (incomplete). The student must explain the reason to the instructor or, in the absence of the instructor, to the department chair, and arrange a schedule for making up the missing coursework. These steps must be taken as soon as possible and no later than the end of the second week of the following semester. The student shall then be given the opportunity to complete the course without penalty beyond previously established penalties for lateness.
The length of time permitted for completing missing coursework remains at the discretion of the instructor and shall be indicated in writing to the student, but shall not extend beyond the end of the semester following the one in which the course was taken. Unless the student submits the work by the date specified by the instructor, the grade will automatically become FIN on the student’s permanent record. (Under certain circumstances, where the student must repeat class sessions or laboratories in a course not given during the following semester, the FIN grade may later be corrected to the appropriate letter grade.)

Instructors and departments may choose to have make-up final examinations administered by the College. Such examinations will be given before Monday of the 7th week of the following semester. It is the responsibility of the student who must take an absentee examination to determine from the instructor or department whether it will be administered by the College, and to file the appropriate form and pay any required fee by the deadline specified by the College.

Repeating Courses

1. Students shall not be permitted to repeat a course in which they have received a grade of A, B, C, or CR unless that course has been designated as repeatable in the course description of the College catalog.

2. Students may repeat a course in which a D was received. The credit for that course will be applied toward the degree once, but both the grade of D and the second grade earned are calculated in the grade point average. If the course is part of a sequence, it should be repeated before continuing the sequence.

3. A student who has received a grade of D or NC twice (or any combination of these grades) in the same course may only re-register for the course with the permission of the department offering the course. This rule does not apply to remedial developmental courses or ENGL 120.

4. If a student receives a failing grade (i.e., F, WU, FIN in a course and then re-takes that course and receives a grade of A, B, C, or CR, the initial failing grade will remain on his/her academic record, but will no longer be computed into the grade point average. A "Failing Grade Course Repeat Form" must be filed in the Registrar's Office.
   - The original course in which the failing grade was received must have been taken after September 1, 1984 and repeated after September 1, 1990.
   - No more than 16 credits may be deleted from the calculation of the cumulative grade point average.
   - If two or more failing grades have been received for the same course and a grade of C, CR, or better is subsequently earned, all of the failing grades for that course will be deleted from the grade point average, subject to the 16 credit limit.
   - The 16 credit limit applies cumulatively to courses taken at all CUNY colleges.
   - The repeated course must be taken at the same college as the initially failed course.

Please note: Other colleges, graduate schools, professional schools, services and employers may calculate a grade point average inclusive of the failing grades. If you have any questions regarding this policy, check with the Office of Student Services.

OTHER ACADEMIC REGULATIONS

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.

Academic Calendar and Sessions The fall semester starts approximately September 1, the spring semester starts approximately February 1 and a summer program of 6 weeks begins in June. Consult the Schedule of Classes for specific starting dates. 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 8 semesters (10 for SEEK). 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. This means listing the source in a footnote and/or appended bibliography and footnoting all quotations or close paraphrasing, including the page number of the passage in the source.

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.

Academic Honesty - 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, copying or otherwise obtaining another's answers to questions on examinations or assignments (commonly called "cheating") will result in disciplinary proceedings.

Appeals - Rules and Regulations 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 considers specific proposals by individual students to substitute a prescribed course of study in order more nearly to 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 the office of the Hunter College Senate.

 Appeals - Grades When a student considers a final course grade unsatisfactory, the student should first confer with the instructor regarding the accuracy of the grade received. This conference should be held within the first 3 weeks of the semester following receipt of the grade. At this time, errors may be corrected. If the grade is not an error, the student and instructor must together review all class material pertinent to the grade. If the student is not satisfied, or if the instructor does not confer with the student within the first 3 weeks of the semester, the student should promptly contact the department chair by submitting a written appeal, consisting of a statement giving the factual reasons and basis for the complaint. The student has the right to request in writing that the chair appoint a student as a member to the department/school Grade Appeals Committee. This appeal at the department/school level must be submitted within the first 5 weeks of the semester following receipt of the grade, in accordance with the "College-wide Grade Appeals Procedures" adopted by the Senate, fall 1985. Copies of this procedure may be obtained in the Senate Office, the Office of Student Services, or departmental offices.

 Students appealing the grade to the School of Nursing, School of Health Sciences, and School of Social Work should direct the appeal to the Dean of the School, who shall carry out the responsibilities of the department chair.

 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 late registration.

 Class Attendance All students (even those for whom attendance is optional) must report to classes during the first week of classes. Students 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 fewer than 15 credits, the limitations on class cuts were removed in 1969. This 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 fewer 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 — 6 hrs of cuts (equal to 1 lab period and 1 lecture)

 College Calendar: Schedule of Final 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. Since the final examination week is part of the semester hour requirement as mandated by the State Education Department, the period scheduled for final examinations should either be used for the final examination in the course or as an instructional period.

 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 Incomplete Work in Course.

 For information on absence from final examination for other reasons, see section on Incomplete Work in Course.

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

<table>
<thead>
<tr>
<th>Station</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>WINS</td>
<td>1010 AM</td>
</tr>
<tr>
<td>WNYC</td>
<td>830 AM and 93.9 FM</td>
</tr>
<tr>
<td>WADO</td>
<td>1280 AM (Spanish speaking)</td>
</tr>
<tr>
<td>WOR</td>
<td>710 AM</td>
</tr>
<tr>
<td>WNEW</td>
<td>1130 AM and 102.7 FM</td>
</tr>
<tr>
<td>WCBS</td>
<td>880 AM and 101.1 FM</td>
</tr>
</tbody>
</table>

 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 (or during the summer session the end of the first week of classes) to drop a course without penalty. This period coincides with the refund period. The course will not appear on the student's record.

 A student may withdraw officially, with a grade of W, between the end of the 3rd week of classes and the first day of the 10th week of classes. (During the summer session a student may withdraw officially between the 2nd week of classes and the first day of the 5th week of classes.) To do so, a student should obtain a withdrawal form from the Registrar's Office. After the deadline, official withdrawals will be recommended by the Office of Student Services only when it is clear that the student has good and sufficient reason for withdrawing.

 When a student cesses to participate in a course but has not withdrawn officially, the student shall be deemed to have withdrawn unofficially. Evidence of unofficial withdrawal shall include all of the following: failure to attend class for at least 4 weeks consecutively (or during the summer session 2 weeks consecutively) through the end of the semester (the last day of classes), failure to attend the final exam, and failure over this period to meet any other course requirements (e.g., to submit paper assignments and take examinations). The unofficial withdrawal (WU) by university regulations is equivalent to a grade of F.
Students who receive financial aid must be cleared by the Office of Financial Aid before they may process any withdrawal from classes. After being cleared by 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 with appropriate documentation (medical, psychological, or employee) 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 WUs, 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 who have withdrawn from the College, officially or unofficially, must apply for readmission in the Registrar’s Office at least 3 months prior to the semester in which they wish to re-enter.

Academic Honors

Dean’s List At the end of each Fall and Spring semester the Dean of Students recognizes matriculated students with excellent academic records. The criteria for inclusion on the Dean’s List are: a grade point average of 3.5 or higher with traditional letter grades (A, B, or C) in non-remedial courses. If remedial courses are taken, those grades will be excluded. No grades of D, F, NC, IN or WU are allowed in any course completed or attempted. Full-time students must complete 12 credits or more in one semester; part-time students must complete 6-11½ credits in two consecutive semesters.

Graduation with General College Honors A student who has completed 60 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 18 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 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 requirements 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 Stovo
- Eta Beta Rho
- Kappa Delta Pi
- Kappa Mu Epsilon
- Kappa Pi
- Omicron Delta Epsilon
- Omicron Nu
- Phi Alpha Theta
- Phi Sigma Pi
- 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

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 150,000 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.
Special Courses

CUNY BA/BS
The CUNY Baccalaureate Program is described on page 25.

CUNBA 000 CUNY Baccalaureate students who are registering for nonclassroom credits (independent study or fieldwork) or who are taking courses at other units of the City University should register for CUNBA 000 for the appropriate number of credits.

Independent Learning by Achievement Contract

ILBAC 300, 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

ORSEM 001 Orientation Seminar 1 hr, 0 cr. This course provides an opportunity for students to acquire knowledge and skills necessary for success in college. It covers the distribution requirement, grading, available services, choosing a major, choosing a career, test-taking, note-taking skills, and study skills. Through group discussions, students learn to be active participants in the process of learning. Required for all first-year students.

Miscellaneous Regulations

Additional information on student rights and regulations may be found on page 177.

Students should be aware of the following 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.
- The use, possession, and/or distribution of hallucinogenic drugs, barbituates, amphetamines, narcotics, and other dangerous drugs is prohibited by law and therefore by College regulations.
- Only wine and beer may be served at student sponsored functions. A representative of the sponsoring group must be present at the bar to assure compliance with the minimum drinking age.

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 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 (FERPA) 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 dependent within the definition of Section 152 of the United States Internal Revenue Code of 1964, 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 their child's dependent status, without the consent of the student.

The FERPA states that parents and eligible students have the right to request that a school correct records believed to be inaccurate or misleading. If the school refuses to change the records, the parent or eligible student then has the right to a formal hearing. After the hearing, if the school still refuses the correction, the parent or eligible student has the right to place a statement in the records commenting on the contested information in the records.

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 to 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.

Immunizations  Public Health Law 2165 requires college students to present a complete record of two live immunizations against measles, and single immunization against mumps and rubella. Students born on or after January 1, 1957 must submit a complete immunization record signed by a health practitioner. Non-compliance will prohibit a student from registering for classes.

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  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, and Secretary of the Senate, 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
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.

Departmental Committees
Each department has bylaws approved by the Senate. These bylaws 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  East Building room 1414
The Faculty Delegate Assembly is the official faculty organization of the College. Composed of 2 faculty members elected from each department/school, as well as the 10 representatives of the College to the University Faculty Senate, it works closely with the President, the Provost, the Hunter College Senate and the PSC to maintain the academic standing of the College and to implement the suggestions of the faculty.

The Student Governments
Undergraduate  North Building room 121
Graduate  Thomas Hunter room 218
These elected student groups have an essential role in the life of the College by allocating the "student activity fee," by chartering of student organizations, and by serving as representatives of students on matters of College policy.
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 specific office.

Hunter College Ombudsman
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 officers, or recommend changes in College procedures or regulations that would eliminate such injustices in the future.

Office of Student Services
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. Welfare and consumer education can be obtained from the Office of Student Services.

Advising and Counseling Services
East Building room 1119

Personal and psychological counseling are available to all students. Counselors will be glad to talk with students about anything that concerns them, ranging from information questions to discussions about the most suitable types of counseling for a problem. Students who wish to drop a course after the 9th 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 workshops in such areas as study skills, test anxiety, test-taking skills, assertiveness training, and choosing a major and 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.

Intercollegiate Athletics
West Building room B317

Hunter College's men's and women's intercollegiate athletic teams have established a legacy of success in recent decades, both at the conference, regional and national levels of competition. The college sponsors 20 men's and women's athletic teams competing at the NCAA Division III level. Student-athletes benefit from a fine academic environment, highly qualified coaches and superior facilities for practice and competition.

The Hunter College Sportplex, completed in 1985, has fast become one of the premier sports centers in the Metropolitan New York area. It contains a wide array of practice and competition facilities, including five gymsnasiums, five racquetball courts, a weight room, an aerobics/fencing room, an athletic training room and offices for athletic staff.

Hunter athletic squads meet some of the finest Division III schools in the region, and compete in numerous tournaments and post-season play. Over the past several years, Hunter has proven to be the dominant institution in the CUNY Athletic Conference and several teams have achieved success in NCAA regional and national competitions.

Hunter College currently sponsors 20 intercollegiate sports. Women's sports include basketball, junior varsity basketball, cross country, fencing, indoor track and field, outdoor track and field, softball, swimming, tennis and volleyball. Men's sports include basketball, cross country, fencing, indoor track and field, outdoor track and field, soccer, tennis, volleyball, and wrestling. Cheerleading is offered as a coed sport.

Career Development Services
East Building room 812

The Office of Career Development helps Hunter College students to compete in the job market through a variety of career development and placement services. These include:

Employer Recruiting Representatives from corporations, banks, brokerage houses, accounting firms, insurance companies, retail stores, computer and software companies, non-profit organizations, and government agencies recruit on- and off-campus in the fall and spring by interviewing students for a variety of professional positions.

Career Counseling Career counselors help students clarify their career goals, interests, and strengths, and assist them with their job search, including resume preparation, interviewing skills (video sessions offered), and researching the job market.

Employer Visits Employers and successful professionals come to Hunter to discuss career opportunities in their respective areas. Panelists explore current trends in various fields, offer suggestions for preparing for the competitive job market, and describe their own careers. From these experiences, students learn about specific companies, their products and services, hiring trends, and career opportunities.

Job Listings Businesses, industries, government agencies, schools, hospitals, and non-profit organizations provide lists on a daily basis of entry-level and advanced part-time and full-time positions. These jobs are listed in the office.

Internships Fall, spring, and summer internships are available to students from businesses, government agencies, and non-profit organizations. These field work experiences, which are volunteer, for academic credit, or for a stipend, give students valuable exposure to a particular career or field.

Career Resource Library A wide variety of general career information is available to students: reference books, current publications in business, directories, recruiting literature, company annual reports, and employment guide books about career planning and job search strategies. For more information, call the office at 772-4850.
Central Reservations
East Building room 812

All reservations by students, faculty, and staff for temporary use of space during the day and evening (including weekends) should be made through Central Reservations.

The initial assignment of rooms for scheduled classes, and room changes during the first 2 weeks of a semester, are made by the Registrar's Office. Beginning with the 3rd week of the semester, change of classrooms will be made through Central Reservations. Assignment of offices and other "permanent" space is not affected by this procedure.

Child Care Center
North Building room 207

This day care service, established in September 1983, is available to matriculated students during the academic year (September through May) and in the summer, including summer session (June/July). It is a preschool educational and developmental program for children aged 2 years, 5 months through 6 years.

There are 2 classrooms equipped with age-appropriate educational materials. Activities and experiences are provided for the children by a qualified staff.

Students register for this service in January for the following fall semester. A $5.00 non-refundable application fee is required. Inquiries may be made at the Center, where brochures and registration cards are available.

Disabled Student Services
East Building room 1119

Support services and accommodations are available to provide students with disabilities greater accessibility to the academic environment. Those eligible include students with mobility, visual, and hearing impairments. It also includes students with learning disabilities, psychiatric disorders or any medical condition which limits one or more of life's basic functions. Those students in recovery from alcoholism or other chemical dependencies and those with AIDS/ARC or who are HIV-positive are also eligible. Documentation is required and kept confidential.

Services include priority registration (after course approvals have been obtained from departments if needed), alternate testing, readers, notetakers and interpreters. There is a Disabled Student Access Center in TH 205 where readers/tutors are available on a drop-in basis. There are two student clubs: The Day Disabled Student Organization and Challenge—The Learning Disabled Organization.

Equipment includes Visualtek machines (print enlarger), large print computer, voice synthesizer, Braille printer, adjustable height computer work stations, portable science laboratory stations, wireless auditory assistance kits, telephone devices for the deaf, magnifier tables, large print dictionaries, large print typewriter, Braille system, Braille writer, 4-track tape recorders, and public phone amplifiers. Individual reading rooms are available on the 2nd floor of the Wexler Library in the East building.

The department of health and physical education conducts an adapted physical education program (Project Happy) for disabled young adults on Saturdays from 11 a.m. to 3 p.m. at the Brookdale Campus, 425 East 25th Street. Swimming, bowling, wheelchair sports, and various other sports activities are available. Contact the department chair, West Building, room 1130; telephone 772-4640.

For information, contact the Office of Disabled Students in Student Services, East Building, room 1121; phone 772-4857.

There is a 504 Grievance Procedure for disabled students at Hunter College. Students can obtain the necessary form, which contains instructions for filing, from Student Services, East Building room 1103.

The Section 504 Coordinator at Hunter College, Professor Tamara Green, is responsible for policies related to the disabled. She can be contacted in the West Building, room 1429; phone 772-5061.

Evening Session Office
East Building room 1119A

This office, under the director, helps evening and part-time students locate the Hunter offices which can give them information on admissions and registration procedures, counseling and academic advising, financial aid, departmental majors and interdisci- plinary programs, and experiential programs. Evening session students who have special problems concerning any college program, procedure, or facility should consult the director.

Financial Aid
North Building room 241

Financial aid is available to full-time matriculated students and part-time matriculated students with at least 6 credits.

Information about workshops outlining details of eligibility, application procedures, and deadlines is available in the Financial Aid Office. For types of aid available, see pages 11-17.

Emergency Medical Services
North Building room 307

The Hunter College Medical Office provides emergency care and infirmary facilities for persons 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.

Recreation and Intramurals
West Building room B315

Hunter College recreational and intramural programs are designed to provide broad and diversified activities and services for students, faculty, staff and alumni at the College in order to enhance the quality of life. The intramural-recreational programs are flexible and provide for a variety of healthful and enjoyable experiences at all levels of skill and participation.

Recreational activities include weight room/cardio-vascular fitness, racquetball, swimming, dance/aerobics, basketball, volleyball, tennis and martial arts.

Over 20 different intramural sports are contested to provide Hunter students with the opportunity to compete in various organized activities, games and sports against members of the College. Some of the more popular sports include flag football, racquetball, fencing, basketball, volleyball, the Turkey Trot and Olympic Day.

Special Services/Tutoring
East Building room 817

The Special Services Program is a federally funded program designed to help students maintain good academic standing, stay in college, and graduate. It offers free tutoring, counseling, and other student support services to low-income, first-generation, and physically challenged Hunter students.
Free tutoring is available in many entry-level courses. 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.

Study Skills Resource Center
North Building room C001

The Study Skills Resource Center is designed to provide students with the opportunity to develop and enhance their study methods. The staff of the Resource Center conduct workshops in: Time Management, Note-Taking, Reading Textbooks Effectively, Test-Taking, Vocabulary Building, Stress Management, Math-Anxiety Reduction, and Goals and Decision-Making Skills. Individualized study skills assistance and counseling are also available by appointment, or on a walk-in basis. Reference Materials, computerized study skills programs, and daily video presentations are provided for all students. Students who are interested in forming independent study groups are welcome to use the Center's space. For more information, call the office at 772-4890.

Veterans Counseling Service
North Building room 1119

The Veterans Counseling Service 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.

Ellen Morse Tishman Women's Center
East Building room 801

The Center provides a common meeting ground for students of diverse ethnicities, ages, concerns, and interests. It offers short-term counseling, support groups, and referral services. Programs of workshops, films, and discussion groups are regularly scheduled.

ACADEMIC COMPUTING SERVICES
North Building room 1001

For those students who require the use of computers to complete their coursework, the Academic Computing Services maintain and operate a Remote Job Entry Site and a computer laboratory which interface with the CUNY University Computer Center over a high-speed data channel. The CUNY system includes 2 IBM 3081 computers and an IBM 3033 computer. The ACS laboratory is equipped with 2 high-speed printers, CRT terminals which are multiplexed to the mainframe, and several IBM PCs. The facilities are available to faculty and students for instructional and research computing.

The laboratory also serves as a data archive; current holdings include major nationwide voting studies and cross-national surveys. ACS is the repository for data from the Inter-University Consortium for Political and Social Research.

Consulting on instructional and research projects is provided free of charge, and a documentation, manual, and software library is maintained.

ASSEMBLY AND MEETING HOURS

Several periods are set aside each week during which no classes are scheduled. These periods, called "Deans' Hours," are reserved for official College assemblies, guidance meetings, and other academic and administrative purposes, and for student organization meetings.

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.

BURSAR'S OFFICE
North Building room 238

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, reenrollment application and transcript fees are paid here.

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.

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.

ID CARD OFFICE
North Building room 217

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.

THE LANGUAGE LABORATORY
North Building room 1239

Hours, except during intersession and holidays:

Monday-Thursday 9:00 AM-9:00 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 over 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.
Hunter College Libraries

The three Hunter College libraries—the central Jacqueline Green Nan Wexler Library at 68th Street, the Health Professions Library at the Brookdale Campus, and the Social Work Library at 79th Street—are open stack collections and hold 730,000 volumes, 4,000 periodicals, 1,024,000 microforms, and 136,000 art slides. All Hunter libraries provide access to the CUNY+ online catalog of university-wide holdings, the Athena Network of CD-ROMs, and Internet access to remote online databases. The nine-floor central library is entered at the third-floor walkway level where the circulation desk and the Center for Puerto Rican Studies are located. The floors are dedicated to specific areas: 1st floor—Education, 2nd floor—Reserve, Archives & Special Collections, Music and Video stations, 4th floor—Reference, 5th floor—Periodicals, 6th floor—Science, 7th floor—Art & History. Floors B1 and B2 hold the remainder of the monograph collection, including American and English literature. The main library has individual and group study rooms, special facilities for the disabled, and networked computer classrooms and labs offering a variety of word processing stations and other software. The Health Professions Library also has a networked computer lab.

Lost and Found

Lost articles should be returned as follows:

College library books — to the Wexler Library
College physical education equipment — to the Physical Education Department

All other articles should be returned to Lost and Found in the East Building or the drop bins in the West Building.

Office of Educational Services West Building 10th floor

Counselors are available to students who want information about preparation for teaching, standards for acceptance into the teaching sequence, 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

West Building room 1000

Graduates of Hunter College who meet all New York State certification requirements, including student teaching, are welcome to use this placement service. Seniors planning to use the service should register during the semester in which they take student teaching. QUEST students may register after entering Part 2 of the Intensive Year.

The Registrar's Office

North Building room 217

This office prepares and maintains student academic records. Each semester, the Registrar's office mails a transcript 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:

a. notices to students with IN grade notations with instructions concerning absentee examinations;
b. withdrawals from part of a program up to the first day of the 10th week of class;
c. permit forms to attend classes at other colleges;
d. major/minor forms to be approved by the major department and then filed here;
e. forms for change of name, address, and forms for recording new or corrected Social Security numbers;
f. certification of attendance for any valid reason;
g. application for graduation and final evaluation and certification for graduation.

Requests for transcripts are made through this office. Transcripts are sent outside of the College only on the signature of the student. There is a fee of $15.00 per transcript, except for transcripts sent to other units of the City University, which are free.

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, West Building room 1115.

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.

Reading and Writing Center

Thomas Hunter room 320

Monday, Tuesday, and Thursday 9:00 AM-8:00 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.
Degree, Certificate, and Diploma Programs

The following undergraduate degree, graduate degree, advanced certificate, and combined undergraduate/graduate degree programs are offered (concentrations or options are indicated in parentheses). These programs have been approved by the New York State Education Department and are listed in the Inventory of Registered Programs. The Higher Education General Information Survey (HEGIS) code numbers appear next to the appropriate program.

Students are advised that enrollment in other than registered or otherwise approved programs may jeopardize their eligibility for certain student aid awards.

For specific information on a particular undergraduate program—including faculty, admission and degree requirements, and course descriptions—consult the appropriate section of this catalog.

For specific information on graduate and advanced certificate programs, consult the Hunter College Graduate Catalog.

<table>
<thead>
<tr>
<th>Humanities and the Arts</th>
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<tbody>
<tr>
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<tr>
<td>Art — BFA, MA**, MFA</td>
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<td>Studio Art — BA (24-cr and 42-cr majors)</td>
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<tr>
<td>Art History — BA (24-cr and 42-cr majors), MA</td>
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<td>Classical Studies — BA</td>
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<td>Communications — MA</td>
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<td>Comparative Literature — BA</td>
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<tr>
<td>Dance — BA</td>
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<tr>
<td>English Literature — BA, MA</td>
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<tr>
<td>English - Dual — BA/MA</td>
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<td>English Language Arts — BA</td>
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<td>Cinema Studies — BA</td>
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<tr>
<td>Film Production — BA</td>
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<td>French — BA, MA</td>
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<td>Greek — BA</td>
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<td>Hebrew — BA</td>
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<td>Latin — BA</td>
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<td>Music — BS, MusB</td>
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<td>Music — 4-year Dual BA/MA</td>
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<td>Music Composition</td>
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<td>Music History</td>
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<tr>
<td>Music — Ethnomusicology — MA</td>
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<td>Religion — BA</td>
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<td>Romance Languages — BA</td>
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<td>Spanish — BA, MA</td>
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<td>Special Honors Program — BA</td>
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<td>The Teaching of Latin — MA</td>
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<td>Theatre — BA, MA</td>
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<tr>
<td>Theatre Arts — BA</td>
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<tr>
<td>Theatre &amp; Film — BA</td>
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**Applications for admission to this program are not being accepted at the current time.
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<td>Biological Sciences/Environmental and Occupational Health Sciences — BA/MS</td>
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<td>Biological Sciences, Major II — BA</td>
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<tr>
<td>Bio-pharmacology — BA/MA</td>
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<td>Computer Science — BA, MA</td>
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<tr>
<td>Chemistry, Major II — BA</td>
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<td>Environmental Science Studies — BA</td>
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<td>Geography — BA, MA</td>
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<td>Mathematics — BA, BA/MA</td>
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<tr>
<td>Pure Mathematics — MA</td>
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<td>Applied Mathematics — MA</td>
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<tr>
<td>Physics — BA, MA, BA/MA</td>
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<td>Statistics — BA</td>
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<tr>
<td>Anthropology — BA, MA, BA/MA</td>
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<tr>
<td>Economics — BA, MA, BA/MA</td>
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<tr>
<td>Energy Policy Studies — BA</td>
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<tr>
<td>History — BA, MA, BA/MA</td>
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<td>Jewish Social Studies — BA</td>
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<tr>
<td>Latin American and Caribbean Studies — BA</td>
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<td>Political Science — BA</td>
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<td>Psychology — BA, MA</td>
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<td>Russian Area Studies — MA</td>
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<tr>
<td>Sociology — BA</td>
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<tr>
<td>Social Research — MS</td>
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<td>Sociology &amp; Social Research — BA/MA</td>
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<tr>
<td>Urban Affairs — MS</td>
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<td>Urban Planning — MUP</td>
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<td>Women's Studies — BA</td>
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<td>Communication Sciences — MS</td>
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<td>Audiology</td>
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<td>Speech/Language Pathology</td>
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<td>Community Health Education — BS</td>
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<td>Community Health Education — MPH</td>
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<td>Environmental and Occupational Health Sciences — MS</td>
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<tr>
<td>Medical Laboratory Sciences — BS</td>
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<td>Nutrition — MS</td>
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<tr>
<td>Nutrition &amp; Food Science: Dietetics — BS</td>
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<tr>
<td>Nutrition &amp; Food Science: Research &amp; Business — BS</td>
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<tr>
<td>Physical Therapy — BS</td>
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<tr>
<td>Teachers of Speech and Hearing Handicapped — MS</td>
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<tr>
<td>Nursing (RN) — BS</td>
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<tr>
<td>Maternal—Child Nursing — MS</td>
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<tr>
<td>Medical—Surgical Nursing — MS</td>
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<td>Pediatric Nurse Practitioner — MS</td>
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<tr>
<td>Pediatric Nurse Practitioner — Adv Cert</td>
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<tr>
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<tr>
<td>Nursing Administration — MS</td>
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<tr>
<td>Gerontology Nurse Practitioner Program — MS</td>
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<td>Community Health Nursing — MS</td>
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<tr>
<td>Social Work Practice — Advanced Certificate</td>
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<tr>
<th>Programs in Education*</th>
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<td>Elementary, N-6 — BA, MSED</td>
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<tr>
<td>Elementary, N-6 with Bilingual Extension</td>
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<tr>
<td>Elementary, N-6, Reading — MSED</td>
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<tr>
<td>Art &quot;K-12&quot; Teacher — BA, MA</td>
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<td>Music &quot;K-12&quot; Teacher — BS, MA</td>
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<td>Health &quot;K-12&quot; Teacher — BS</td>
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<tr>
<td>Health Education — BA</td>
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<td>School Health Management — MSED</td>
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<td>Human Movement Studies — BA</td>
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<td>Teaching English to Speakers of Other Languages — MA</td>
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<td>Dance/Movement Therapy/Social Work — MS/MSW</td>
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*Subject area teacher education programs, grades 7-12 or K-12, are offered in collaboration with the relevant subject area departments.

**Applications for admission to these programs not being accepted at the current time.
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; 300- and 400-level courses are upper division; 500-, 600-, and 700-level courses are graduate courses.

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 honors 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.

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<thead>
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<th>Prefix</th>
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<td>ANTCH</td>
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<td>ANTHP</td>
<td>Physical anthropology</td>
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<td>ART H</td>
<td>Art (theory and history)</td>
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<td>Classical &amp; Oriental Studies</td>
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<td>Classical culture and archaeology</td>
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<td>Community health education</td>
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<td>CUNY independent study/fieldwork</td>
<td>CUNY Baccalaureate Program</td>
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<td>Programs in Education</td>
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<td>Curriculum &amp; teaching</td>
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<td>YOR</td>
<td>Yoruba</td>
<td>Black &amp; Puerto Rican Studies</td>
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</table>

*Pending Senate Approval*
Academic Skills/SEEK Program

Department Office  East Building room 919, phone 772-5725
Acting Chair/Director  Lucille Croom
Professors  L. Croom, N. Mason
Associate Professors  Baxter, Haas, Rodriguez, Rubenfeld, Sherman
Assistant Professors  Connell, Fuentes, Krishnamachari, Lipson, Mirage-Cardo, Montague, Robinson, Stanley, Wimberly, Ypez
Lecturers  Boone, Bowns, Delgado, Evans, Gordon, Greeley, Hidaru, Laverpool, Maldonado, Manley, Martin, Martinez, McCullough, Morgan, Morris, Rose, Segarra, Serrano, Simmons, Small, Soto, Tsang, Vactor

The Department of Academic Skills/SEEK Program offers a developmental college-level, freshman skills curriculum designed to enhance student performance in general college courses. The course of instruction includes a developmental sequence in writing, reading, speaking, mathematics, and the sciences.

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

The services offered by the department are available only to eligible students who choose to enroll in the SEEK Program. The Department of Academic Skills is administered by the Division of Programs in Education.

COURSE LISTINGS

MATH/SCIENCES

ACSK 003 Pre-Anatomy and Physiology I  4 hrs, 0 cr. Overview of physical and biological sciences. Topics include body as a whole, locomotion and support, body maintenance, distribution of energy sources and nutrients. Medical terminology and comprehension are stressed.

ACSK 004 Pre-Anatomy and Physiology II  4 hrs, 0 cr. Prereq: ACSK 003. Topics from ACSK 003 are further developed and include awareness and response to environment, body maintenance, processing and utilization of nutrients, homeostasis of body fluids, perpetuation of species. Medical terminology and comprehension are stressed.

ACSK 011 Essentials of Basic Arithmetic  4 hrs, 0 cr. Prereq: placement by CUNY Mathematics Assessment Test. Arithmetic skills.

ACSK 012 Intermediate Mathematics  4 hrs, 2 cr. Prereq: ACSK 011 or placement by CUNY Mathematics Assessment Test. Application of basic arithmetical and algebraic skills to problem solving in the sciences. Equivalent Course: PHYSC 001.

ACSK 013 Essentials of Elementary Algebra  4 hrs, 1 cr. Prereq: ACSK 011 and ACSK 012 or placement by CUNY Mathematics Assessment Test and Hunter Math Test. Equivalent Course: MATH 020.

ACSK 014 Intermediate Algebra and Geometry  4 hrs, 1 cr. Prereq: ACSK 013 or qualifying score on the Mathematics Department’s College Algebra Placement Test. Equivalent Course: MATH 050.

ACSK 019 Basic Skills for Chemistry  4 hrs, 0 cr. Prereq: ACSK 012 or perm dept. Math tools applied to problem-solving in measurements, heat calculations, gases, and stoichiometry; chemistry of elements; nomenclature; bonding; properties of solutions.

WRITING

ACSK 020 Developmental Writing I 6 hrs, 1 cr. Prereq: placement scores. The writing process: emphasis on grammar, sentence structure, and paragraphing. Narrative and descriptive essays. Equivalent Course: ENGL 014.

ACSK 021 Developmental Writing II 6 hrs, 2 cr. Prereq: ACSK 020 or placement scores. Review of grammar, proofreading, and editing skills. The writing process: emphasis on the argument essay, formal structure, critical thinking skills. CUNY Writing Assessment Exam as final. Equivalent Course: ENGL 015.

WRITING ESL


ACSK 032 Developmental Writing III/English as a Second Language 8 hrs, 2 cr. Prereq: ACSK 031 or placement scores. Advanced English-as-a-second-language writing skills, including editing and rewriting with emphasis on structure, style, and clarity of expression. CUNY Writing Assessment Exam as final. Equivalent Course: ENGL 005.

READING

**ACSK 050 Remedial Reading 4 hrs (1 hr lab as required), 0 cr. Prereq: placement scores. Vocabulary expansion, basic comprehension skills, and some study techniques.

**ACSK 051 Developmental Reading 4 hrs (1 hr lab as required), 1 cr. Prereq: ACSK 050 or placement scores. Vocabulary development, literal and interpretative comprehension, study techniques.

ACSK 052 Developmental Reading II 4 hrs (1 hr lab as required), 2 cr. Prereq: ACSK 052 or placement scores. Critical comprehension, vocabulary expansion, study skills, and fluency. Equivalent Course: ENGL 002.

ORIENTATION

ACSK 065 Orientation for Success 2 hrs, 0 cr. Required of all SEEK freshmen. Emphasis on adjustment to college, personal growth, and development of academic skills.

*A student who completes ACSK 010 and ACSK 011 has satisfied the requirement for MATH 001.

**A student who completes ACSK 050 and ACSK 051 has satisfied the requirement for ENGL 001.
Anthropology

Department Office  North Building room 723, phone 772-5410
Chair  Gregory Johnson
Professors  Bates, Bendix, C. Ember, Johnson, Lees, McGovern, McLendon, Oates, Susser, Szalay
Associate Professors  Bromage, DeWind, Edelman, Lennihan, Parry
Assistant Professor  Creed
Advisors  Daniel Bates, William Parry
BA/MA Program  Daniel Bates

Anthropology is the scientific study of past and present peoples. Among the social sciences, anthropology is distinguished by its comparative approach to peoples and cultures. As a major in a liberal arts curriculum, it provides 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 study, research, teaching, social work, and work in museums, government, and industry, both domestic and overseas. Many use anthropology as a pre-law or pre-medical 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 COR Program  The Departments of Psychology, Anthropology, and Sociology jointly offer a program called COR (Career Opportunities in Research and Education). This interdisciplinary research training program for talented minority juniors and seniors is funded by 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 COR program advisor.

Course Access Codes  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Code DR applies to ANTHC 100; codes DX, DY, and DM apply to ANTHC 101 and 126; codes DW, DX, and DM apply to ANTHC 151; and codes DM, DX, and DY apply to all other anthropology courses. For an explanation of the codes see the Course Access Codes section of this catalog.

Distribution Requirement  One physical anthropology course, chosen from ANTHP 101 or 102, can be used toward the science distribution requirement, and ANTHC 101, 126, and 151 can be applied toward the social science 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 an overview of the discipline, as well as training in all 4 fields of the subject (archaeology, cultural anthropology and ethnology, anthropological linguistics, and physical anthropology).

The anthropology major consists of 25 credits as follows:

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<thead>
<tr>
<th>Field</th>
<th>Courses</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Archaeology</td>
<td>ANTHC 126</td>
<td>3</td>
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<tr>
<td>Cultural anthropology</td>
<td>ANTHC 318</td>
<td>3</td>
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<tr>
<td>General</td>
<td>ANTHC 314</td>
<td>3</td>
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<tr>
<td>Linguistics</td>
<td>ANTHC 151</td>
<td>3</td>
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<tr>
<td>Physical anthropology</td>
<td>ANTHP 101 or 102</td>
<td>4</td>
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<tr>
<td>Elective courses, selected from the above fields</td>
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<td>9</td>
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</table>

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 sequence in secondary education is an appropriate minor for students preparing to become social studies teachers at the secondary school level. The minor for the anthropology major should be selected after consultation with the undergraduate advisor or the department 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 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 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 art, classics, education, economics, English, geology & geography, Latin American and Caribbean studies, mathematics, music, philosophy, political science, psychology, sociology, and foreign languages.

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

Preparation for Secondary School Teaching  In cooperation with the Division of Programs in Education, the Department of Anthropology provides opportunities for students to prepare for a career in teaching at the secondary or elementary school level. Students who want to qualify for teaching social studies in secondary schools should see the History Department section in this catalog for specific requirements in the social sciences and see the Education section of this catalog for other requirements. Advisement is also available in the Office of Educational Services, Room W 1000.

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 who want to do work in anthropology as part of an interdisciplinary field, such as energy policy studies, Latin American and Caribbean studies, urban affairs, or 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 department chair at the earliest possible date.

**COURSE LISTINGS**

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

**Biological Anthropology, Genetics, and Paleontology**

Most courses are not offered every semester. Courses which are offered every semester or every other semester are noted below in the course description.

**ANTHP 101 Human Evolution** 3 hrs (3lec, 3 lab), 4 cr. Offered every semester. Ethnology, morphology, paleontology, and genetics pertaining to living and extinct hominids.

**ANTHP 102 Human Variation** 6 hrs (3lec, 3 lab), 4 cr. Offered D/Fa and E/Sp. Genetic and racial analysis of contemporary human populations. Lab experiments and demonstrations.

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

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

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

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

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

**ANTHP 316 Human Evolutionary Adaptations** 3 hrs, 3 cr. Prereq: ANTHP 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.

**ANTHP 40 Seminars in Selected Topics** 3 hrs, 3 cr. Prereq: depends on topic. Course provides in-depth study of specific topics in field of physical anthropology.

**Cultural Anthropology and Ethnology**

**ANTHC 100 Cultural Diversity** 3 hrs, 3 cr. An introduction to selected anthropological concepts through an examination of cultural diversity.

**ANTHC 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. Anthroprical perspectives on current issues such as crime, war, sex differences, cults, and energy crisis.

**ANTHC 200 Peoples and Cultures of Africa** 3 hrs, 3 cr. Pre-colonial, colonial, and contemporary communities, subsistence and exchange systems, and ecological adaptations.

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

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

**ANTHC 210 Peoples and Cultures 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 Peoples and Cultures 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 Peoples and Cultures of Mesoamerica** 3 hrs, 3 cr. Indigenous peoples of Mexico and Central America, their history, effects of colonialism, and problems they face in various national societies.

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

**ANTHC 214 Peoples and Cultures of the Caribbean Area** 3 hrs, 3 cr. Indigenous peoples, colonization, and slavery; minorities, race relations; family life, 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 instr. 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 instr. Varying systems of production and exchange; relationship to politics and ecology; tribal and peasant societies.

**ANTHC 305 Psychological Anthropology** 3 hrs, 3 cr. Prereq: ANTHC 101 or perm instr. Factors related to cross-cultural variation in personality, including male-female relationships and sexual preferences. Psychological explanations of different customs (initiation, folktales, 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 of religion, magic; functions and symbolic meaning.

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

**ANTHC 309 Rural Societies** 3 hrs, 3 cr. Prereq: ANTHC 101 or perm instr. The peasant in colonial, agrarian, and industrializing states: family, political, and economic institutions and strategies in a changing world.

**ANTHC 310 Political Anthropology** 3 hrs, 3 cr. Prereq: ANTHC 101 or perm instr. 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 314 Research Design in Anthropology** 3 hrs, 3 cr. Prereq: ANTHC 101. Introduction to basic principles of research design employed in anthropology. Normally offered once each year.

**ANTHC 315 Anthropological Practice** 3 hrs, 3 cr. Prereq: ANTHC 101 or perm instr. 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 instr. 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 instr. 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 instr. Offered once a year either Sp or Fa. 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 instr. Offered every semester. Topic to be announced. Recent courses have looked at energy policy, women and economic development, and international migration.

ANTHC 321 Women in Developing World 3 hrs, 3 cr. Prereq: ANTHC 101. Survey of socioeconomic situation and roles of women in selected developing countries. Examination of both theoretical approaches and practical issues related to improving women's place in society.

ANTHC 325 Special Projects and Independent Research in Anthropology 3 hrs, 3 cr. Prereq: perm instr. Offered every semester.

ANTHC 400 Honors Projects Prereq: 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 260 North American Indian Languages and Cultures 3 hrs, 3 cr. Linguistic analysis and sociocultural background of North American Indian languages.

ANTHC 263 Afro-New World Languages and Cultures 3 hrs, 3 cr. Linguistic analysis, history, sociocultural background of Caribbean Creole languages, other Afrod-French speech forms.

ANTHC 351 Language and Culture 3 hrs, 3 cr. Semantics; uses of languages in culture, cognition, society; linguistic anthropology; 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 instr. Strategies of data collection, determination of age of deposits, environmental reconstruction, examination of artifacts.

ANTHC 226 Archaeology of Africa 3 hrs, 3 cr. Prereq: ANTHC 126 or perm instr. 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 instr. 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. Pre-req: ANTHC 126 or perm instr. Sociocultural development of Near East from early hunter-gatherers to first states and empires.

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

ANTHC 231 Archaeology of Mesoamerica 3 hrs, 3 cr. Prereq: ANTHC 126 or perm instr. 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 instr. 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 instr. 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 instr. Topical survey of developments in prehistoric technology, techniques of material analysis.


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

Department Office North Building room 11054, phone 772-4995

Chair Sanford Wurmfeld
Distinguished Professor DeCarava
Professors Agee, Bates, Cox-Rearick, Crile, Dynes, Feldstein, Jaudon, Longo, Milkowski, Moore, Morris, Ohlson, Panzer, Stapelford, Swain, Wurmfeld
Associate Professors Blum, Braun, Gorchov, Hofmann, Roos, Sánchez, Vergara
Assistant Professors Carreiro, Mongrain, Weaver
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 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.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DR and DY apply to ART H 111; codes DX and DW apply to all 300- and 400-level ARCTCR courses and all 200-, 300-, and 400-level ART H courses. For an explanation of the codes see the Course Access Codes section of this catalog.

Distribution Requirement ART H 111, Introduction to the History of Art, is the only course applicable to the distribution requirement (Category V, Group 1).

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 The department recommends 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 61-credit Major (BFA) This degree is open to the student who wants to complete work in studio art beyond the 42-credit major, and particularly the student who intends to pursue a career as a professional artist and attend graduate school. Students follow the regular Distribution Requirement for the BA degree (ART H 111 may be used to satisfy either Category V, Part I or the major requirements).

Departmental approval of the 61-cr BFA concentration is required. Some of the 61 credits may, with departmental approval, be earned in other departments. Required courses are as follows:

Year 1 ARTCR 101, 221
ART H 111 (see below)
6 cr

Year 2 Four of the following five courses:
ARTCR 225, 235, 251, 257, 271
12 cr

Year 3 At least one area of concentration with two 300-level courses repeated in either of:
ARTCR 326, 336, 352, 357, 372
6 cr

Additional studio art requirements:
Courses chosen from all other 200- and 300-level studio art courses. Special topic advanced studio courses will also be offered each semester for advanced art students.

Art history requirements:
To be completed by the end of year 3. ART H 111 (may not be credited toward the major if used to satisfy the Distribution Requirement), 249, 250, and 6-9 additional cr chosen from 200- and 300-level courses.

Year 4 ARTCR 405, 459, 460
13 cr

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.

Further information about the teacher education program, including complete course descriptions, can be found in the Education section of this catalog.

Students preparing to teach elementary school who want to major in studio art should note that the 24-cr studio art major will not, in itself, meet state certification requirements for a liberal arts concentration. These students should consult the elementary education advisor about state requirements.

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, 203, 204, 221, 235, 251, 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 208, 225, 257, 271, 309, 322, and either 356 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 368), to be programmed in consultation with an art history advisor. A minor of 12 credits is required, and it may be taken in a related field such as classics, anthropology, history, etc. Majors must consult with an art history advisor during an early semester concerning their choice of a minor.

Majors planning graduate study in art history should discuss graduate language requirements with an art history advisor during an early semester.

A. Required Courses:

ART H 111, 121, or 122 (survey courses do not count toward major credit).

One course in each of 3 different areas:
- Ancient
- Medieval
- Renaissance
- Baroque
- 19th- and 20th-century Western
- Oriental and Islamic
- African, Pre-Columbian, and Oceanic
ART H 368

Advanced Topics or theme course selected from any of the offerings

B. Electives from any art history offering

Total 24 cr

A. Required Courses:

ART H 111 or 121 or 122 (survey courses do not count toward major credit).

One course in each of 5 different areas:
- Ancient
- Medieval
- Renaissance
- Baroque
- 19th- and 20th-century Western
- Oriental and Islamic
- African, Pre-Columbian, and Oceanic

ART H 368 Research Methods Seminar

Advanced Studies and/or theme course selected from any of the offerings
(e.g., ART H 299 and/or 300- or 400-level courses)

B. Electives from any art history offering

Total 42 cr

Minors in Art A minor in art history may be arranged in consultation with a departmental advisor.

Electives All courses, unless otherwise specified, are open to qualified students majoring in other areas.

Graduate Study The Department of Art offers a number of courses, listed in the Graduale Catalog, that may be credited toward the degree of Master of Arts. Qualified students in the senior year may be admitted to these courses with the approval of the graduate art history advisor.

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

Studio Art

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

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 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 instr. 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 sculpturing, 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 hrs, 3 cr, + 6 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 instr.

ARTCR 405 Art and Current Ideas II 3 hrs, 3 cr. Prereq: BFA students or permission of department. Lecture and discussion of a non-studio course. Topics of concern in art today as brought forth by current exhibitions. Scheduled trips to galleries and museums. Reading assignments, papers, and oral reports will focus on issues relative to the exhibitions.

ARTCR 459 Professional Experience in Art I 2 hrs, 5 cr, + 12 hrs open studio. Prereq: perm BFA committee at end of Jr yr; BFA majors, seniors 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 2 hrs, 5 cr, + 12 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.

**Theory and History of Art**

Note: ART H 111 is the prerequisite for all advanced art history courses. May be used toward the distribution requirement for humanities and the arts (Category V, Group 1) by all students except those accepted into the 61-credit BFA program.

ART H 111 Introduction to History of Art 3 hrs, 3 cr. Changing forms and subjects of art in several periods of Western civilization, including ancient Greece and Rome, Middle Ages in Western Europe, Renaissance, baroque, modern, American; also Islamic and African art.

ART H 121, 122 Survey of Western Art I and II 3 hrs, 3 cr each. In-depth analysis of Western art from historical point of view. Course is taught in 2 semesters: ancient through medieval art; Renaissance through modern art. Courses may be taken separately.

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

ART H 215 Greek Art 3 hrs, 3 cr. Offered E/Fa, D/Sp. 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 D/Sp, 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/Fa, D/Sp, Sculpture, painting, mosaics, and minor arts in West from dissolution of Roman Empire through Carolingian revival, including early Christian and Byzantine art.

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

ART H 225 Art of Early Renaissance 3 hrs, 3 cr. Offered E/Fa, D/Sp. Painting, sculpture, and related architecture in 14th- and 15th-century Italy. Major artists from Giotto to Botticelli.

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 Dürer, Bosch, Bruegel.


Asian American Studies Program

Program Office  West Building room 1708, phone 772-5559

Director  Peter Kwong

Advisory Committee  Alexander (English), Batherick (Communications), Fung (Bilingual Education Programs), Green (Classics and Oriental Studies), Hyman (Urban Affairs and Planning), Perinbanayagam (Sociology), Wallach (Political Science)

Advisor  Peter Kwong

The Asian American Studies Program was established on the initiative of students and faculty in 1993. The curriculum provides for a creative and multidisciplinary study of historical, contemporary, and imminent issues that Asian Americans influence and are affected by. Areas examined in Asian American Studies include immigration and social history, race relations theory, gender studies, critical literary analyses, public policy, labor market stratification and entrepreneurship, community development, and bicultural/biracial identities. The faculty's educational backgrounds and work experiences encompass such disciplines as education, history, law, literature, linguistics, media and film, sociology, political science, and urban affairs and planning.

The program prepares students for careers in education, government, community organizations; for entrance to professional schools such as law, social work, and urban planning; and for graduate study and research in the social sciences and humanities.

Students majoring in nursing or the health sciences, psychology, political science, communications, sociology, history, and many other areas would find Asian American Studies useful, particularly when their career interests include activities within Asian communities or issues that affect Asians, and Asian Americans.

Course Access Codes  Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. The DX, DW code applies to ASIAN courses. For an explanation, see the section on Course Access Codes in this catalog.

Program of Study

Note: A collateral major is being developed. At this time students may minor in Asian American Studies.

Minor  At present students may choose Asian American Studies as a minor in consultation with their department's supervisor. A minor consists of 12 credits. Students are encouraged to take a concentration of courses related to their major area of study.

COUSE LISTINGS  Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

Introductory Courses

ASIAN 210.00 Asians in the United States  3 hrs, 3 cr. This survey course studies the Asian American experience of discrimination and exclusion in the context of American historical racial, labor and foreign policy developments and the impact of the current rapid expansion of Asian American communities on America's social and political order.
Literature Courses

ASIAN 220.01 Asian American Women Writers 3 hrs, 3 cr. Examines Asian American literary representations of gender and the bearing of national, class, sexual, generational, and religious formations upon these representations.

ASIAN 320.01 Nation, Self, and Asian Identity 3 hrs, 3 cr. Prereq: ENGL 220. Literature of the Asian diaspora, including works of authors in the U.S., England, Canada, Brazil, Korea, and the Caribbean.

Social Science Courses

ASIAN 330.01 Chinese in the U.S. 3 hrs, 3 cr. History of the Chinese in the U.S. from the mid-19th century to the present examined in the context of American domestic political and economic changes, U.S.-China relations and the history of modern China.

ASIAN 330.02 Korean Americans 3 hrs, 3 cr. Traces the historical development of Korean Americans in the U.S. through the examination of demographic and community characteristics, including family, religion, education, and economy.

ASIAN 330.03 South Asian Communities in the U.S. 3 hrs, 3 cr. Examines sociohistorical patterns in the spread of migration from the South Asian region—comprising countries such as India, Pakistan, Bangladesh, and Sri Lanka—to communities in the U.S. and New York City in particular.

ASIAN 330.04 Japanese in the United States 3 hrs, 3 cr. Analyzes issues pertinent to the lives and work of Japanese Americans, including emigration in the late 19th century; postwar immigration; and the formation of permanent ethnic communities in North America and in Hawaii; the WWII war years; postwar conditions and identity concerns of fifth-generation Japanese Americans.

Media Courses

ASIAN 340.01 Asian Pacific American Media 3 hrs, 3 cr. Addresses Asian Pacific American experiences of assimilation, displacement, marginalization, multiculturalism, and resistance to the cultural norms within Asian Pacific communities through screening a wide range of films and videos, and reviewing critical and fictional writing. Guest artist may also lecture.

History Courses

ASIAN 351.00 Asian American History of Labor and Politics 3 hrs, 3 cr. This seminar explores the interconnected issues of race, class and nationality through the study of the history of Asian immigrant labor in the U.S. in the context of American economic needs and political environment.

Seminar & Special Topics Courses

ASIAN 390.01 International Migration 3 hrs, 3 cr. This interdisciplinary course examines the origins and processes of migration and settlement, past and present. Includes a series of lectures by leading scholars from a variety of academic fields and immigrant communities. Topics include: immigration and labor; race and gender; social and cultural identity; immigration policy and political action; transnational education and family life.

ASIAN 390.02 Asian American Civil Rights and the Law 3 hrs, 3 cr. Surveys major immigration and civil rights laws and Supreme Court cases which have affected Asians.

ASIAN 491.00 Asian American Movement and Community Organizations 3 hrs, 3 cr. An analysis of the development of pan-ethnic Asian American consciousness and institutions since late 1960s, with a focus on this movement's impact on community organizations of Asian national sub-group examined in the context of larger American racial and ethnic politics.

Biological Sciences

Department Office North Building room 927, phone 775-5296
Chair Shirley Raps
Professors Chappell, Cohen, Dottin, Eckhardt, Foster, Friedman, Henderson, Krakow, Lipke, Lyser, Raps, Rudner, Shahn
Associate Professors Angulo, Babboni, Filbin, Pereaelli Schmidt-Glenewinkel
Assistant Professor Bargonetti-Chavarria
Advisors Advisors are assigned to majors on an individual basis. Contact department office.

The Department of Biological Sciences at Hunter College stresses excellence in both teaching and research. There are fully equipped research laboratories that operate with major federal grant support, and students are strongly encouraged to get involved in laboratory research. Recent awards have led to the creation of The Institute for Biomolecular Structure and Function at Hunter College. The Institute consists of faculty from Biological Sciences, Chemistry and Psychology working in the areas of biomolecular structure and function. The Institute has provided a state-of-the-art DNA and protein synthesis and sequencing facility housed within the department and is providing funds for the construction of new departmental research facilities and the upgrading of current facilities.

The core curriculum in biological sciences prepares students for admission to both graduate and medical schools and for careers in the biological sciences including teaching, and the growing industry of biotechnology. The curriculum emphasizes cell biology, molecular biology, and genetics as the foundation for future careers in fields related to biological science.

Majors in Biological Science The Department of Biological Sciences offers two majors: Major I is for students who intend to prepare for graduate study, medicine, dentistry, secondary school teaching, biotechnology, and industry. Major II is for students preparing to teach in elementary schools. Students planning to pursue Major I are strongly encouraged to declare their major as soon as possible so that they can begin taking the many pre- and corequisites for the major. As soon as a student decides to major in Biological Sciences at Hunter, he or she is assigned a permanent faculty advisor. This advisor will assist in creating a curriculum that will prepare the student for the career in biology that most interests the student. Students are required to meet with their advisor at least once each semester throughout their undergraduate career to discuss their program and their progress.

MAJOR I

This plan consists of 28 credits, including an 18 credit core* of required courses and 10 credits of electives.

Prerequisites or corequisites for Major I CHEM 102, 103, 104, 105, 222, 223, 224, 225; PHYS 110, 120 (or 111, 121); MATH 150, MATH 155, or STAT 213.

Core (18 cr) BIOL 200, 202, 300, 302 (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 according to the scheme below. However, students must take at least one special topics course (BIOL 470 and 471). Various topics will be offered each semester.

*Includes increase of 0.5 credit pending Senate approval.
1. 300-level electives: Students must take at least one 300-level course offering listed in the catalog in addition to BIOL 300 and 302.

2. Advanced (400-level) electives: Advanced courses at the 400 level or graduate courses (perm instr and major advisor required) may be taken in addition to or possibly to substitute for one of the courses listed in (1). Students with strong interdisciplinary interests may select advanced course offerings in other departments after approval by their advisor.

**Minor for Major I** 12 credits from one of the following fields: anthropology, chemistry, computer sciences, geology, health sciences, mathematics, physics, psychology. For students preparing to become biology teachers at the secondary-school level, the 21 credit secondary education sequence is an appropriate minor. Other minors by special permission of a departmental advisor. All minors must consist of at least 2 courses beyond the basic requirements. (Note: The required chemistry courses, CHEM 102-105 and 222-225, fulfill the requirements for a chemistry minor.)

### Curriculum Guide for Major I

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*We recommend that math, physics and chemistry courses be completed as early as your schedule allows. Note that CHEM 102 to 105 must be taken prior to BIOL 200 and that CHEM 222 and 223 must be taken at least concurrently with BIOL 200.

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

This plan consists of 26 credits, divided as follows:

A. BIOL 100, 102 (9 cr).

B. Courses approved by the advisor selected from the 200 or 300 level (17 cr).

**Minor for Major II** Elementary Education is a Collateral Major. See the Education section of this catalog for requirements.

**Prerequisites or corequisites** CHEM 100, 101, 120, 121*; PHYS 101 (or PHYS 110, 120); MATH 104, 105.

**GRADES IN MAJOR COURSES:** Only a letter grade (A, B, C, D) will be accepted by the department in the required science and mathematics courses for the Biology Major I and Major II.

**DISTRIBUTION REQUIREMENTS AND THE BIOLOGY MINOR**

**Distribution Requirement** BIOL 100, 102, required but not included in the major, may be used for the science distribution requirement.

*Change in credits pending Senate approval.

**Minor** For the biology minor, the department recommends at least 2 courses beyond the distribution requirement (BIOL 100, 102), at the 200-level or above.

**OPPORTUNITIES FOR UNDERGRADUATES IN BIOLOGICAL SCIENCES**

**Undergraduate Research** Students who wish to undertake a research project under the supervision of a faculty member must first obtain written permission from the faculty member with whom they wish to work, and then register for BIOL 480-483. This course is required in order to qualify for departmental honors at graduation. Research opportunities for undergraduates at Hunter are available in cancer biology, developmental biology, neurosciences, AIDS, microbiology, and a variety of other contemporary areas of cell and molecular biology. In some cases students may arrange to work at one of the several neighboring research institutions.

**Honors Work** In order to qualify for departmental honors, students must complete at least 2 credits of BIOL 480-483, submit a written report resulting from work done in BIOL 480-483, and have an overall GPA of 2.8 and a departmental GPA of 3.5.

**BA/MA Program in Biopharmacology** A special biological sciences BA/MA combined degree program in biopharmacology is open to a limited number of undergraduate majors. It offers students the opportunity to complete both the bachelor's and master's degree requirements in 5 years, taking the final 2 years of lab and course work in the Department of Pharmacology at the Mount Sinai School of Medicine. Interested students should contact the Department of Biological Sciences as early as possible regarding eligibility and curriculum requirements.

**BA/MS Program in Biological Sciences/Environmental and Occupational Health Sciences** This is an accelerated program leading to a BA in biology and an MS in environmental and occupational health sciences in 5 years. Biology majors admitted to the program start graduate work in their senior year. Interested students should contact a departmental advisor early in their undergraduate studies for more information. This program provides biology majors with a career option in public health.

**CAREER PLANNING**

**Graduate Study** Biology majors are encouraged to register for graduate courses in their senior year. Laboratory research under faculty supervision (see undergraduate research above) is extremely valuable for gaining admission to graduate schools. Students planning to apply to graduate school should consult with their advisor as early in their college career as possible.

**Professional Schools** Students who plan to apply to schools of medicine, dentistry, or veterinary medicine should consult with their advisor and see the pre-professional advisor in the North Building, room 313.

**Preparation for Secondary School 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 want to teach biology at the secondary level should select Major I. BIOL 460 is strongly recommended as an elective. See the Education section of this catalog for other requirements.

**Preparation for Biotechnology** Students interested in careers in the rapidly growing field of biotechnology should select Major I and consult with their advisor as early as possible. Advanced courses
including Special Topics (BIOL 470-471) that are most relevant to Biotechnology should be taken as electives. It is also strongly recommended that students continue on in graduate study for the Hunter Master's Degree in Biology.

COURSE LISTINGS

Course Access Codes Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. Codes CR, D, and DM indicate all BIOL courses; in addition, code DW applies to all 200-, 300-, and 400-level BIOL courses. For an explanation of the codes see Course Access Codes section of this catalog.

†BIOL 100 Principles of Biology I 7 hrs (3 lec, 3 lab, 1 disc). 4.5 cr. Offered Fa, the chemical basis of life; basic structure and function of pro- and eucaryotic cells; bioenergetics; Mendelian and molecular genetics; development and mechanisms of control of gene expression at all levels; population genetics and evolution.

†BIOL 102 Principles of Biology II 7 hrs (3 lec, 3 lab, 1 disc). 4.5 cr. Offered Sp. Taxonomy; homeostasis; internal transport and gas exchange in plants and animals; plant hormones; osmoregulation; mechanisms of action in the muscular, nervous, and endocrine systems; the senses, behavior, eclogy.

BIOL 120 Anatomy and Physiology I 6 hrs (3 lec, 3 lab). 4.5 cr. Prereq: CHEM 100, 101; Coreq: CHEM 120, 121. Offered Fa. Cell structure and function; histology; nervous, muscular, and skeletal systems; integument. (Required for admission to the nursing program. Not accepted for credit towards the biology major.)

BIOL 122 Anatomy and Physiology II 6 hrs (3 lec, 3 lab). 4.5 cr. Prereq: BIOL 120 or equiv. Offered Sp. Structure and function of circulatory, digestive, excretory, endocrine, and reproductive systems. Basic concepts of metabolism, embryology. (Required for admission to the nursing program. Not accepted for credit towards the biology major.)

††BIOL 200 Cell Biology I: Microorganisms 7 hrs (3 lec, 3 lab, 1 disc). 4.5 cr. Prereq: BIOL 100 and 102, or equiv; CHEM 102, 103, 104, 105 or equiv; coreq: CHEM 222, 223. Offered Fa. Structure and function of procaryotic cells and viruses; their cultivation, growth, evolution, metabolism, and genetics. Laboratories include light microscopy techniques, cultivation, growth, metabolism, and genetics of microorganisms and viruses. (For Major II students, chem, coreq, CHEM 100, 101, coreq: CHEM 120, 121.)

††BIOL 202 Cell Biology II: Eucaryotic Systems 7 hrs (3 lec, 3 lab, 1 disc), 4.5 cr. * Prereq: BIOL 200; coreq: CHEM 224, 225. Offered Sp. Structure and function of animal and plant tissues, cells and organs; cell cycle; cellular morphogenesis; cell motility and cytoskeleton; eucaryotic cell culture and transformation; physiology of specialized cells; techniques of modern cell biology. Laboratory exercises include eucaryotic cell culture, preparation of cells and tissues for light and electron microscopy, studies of chromosomes, cell division (living cells), and ATP-induced cell movements.

BIOL 210 Advanced Physiology 2 hrs (lec). 2 cr. Recent advances in cellular and molecular medicine and human physiology. (Open to RN Pathway students and nutrition majors only. Not accepted for credit towards the biology major.)

BIOL 211 Advanced Physiology 3 hrs (lab). 1.5 cr. Laboratory experiments relevant to human physiology. (Open to RN Pathway students and nutrition majors. Not accepted for credit towards the biology major.)

BIOL 210 Topics in Genetics and Evolution 3 hrs (lec). 3 cr. Prereq BIOL 100 or equiv.* Classical genetic phenomena as related to multicellular organisms; genetic anomalies; genetics of populations as related to evolution.

BIOL 220 Fundamentals of Microbiology 5 hrs (2 lec, 3 lab). 3 cr. Prereq: CHEM 100, 101, 120, 121 or 102, 103, 104, 105; 222, 223, 224, 225; and BIOL 120. Coreq: BIOL 122. Viruses and microorganisms, including beneficial and harmful activities. Topics include function in relation to ultrastрукture, growth and its control, metabolism and its regulation, genetics and recombinant DNA technology, ecology, agricultural, food and industrial microbiology, infectious diseases and immunity. (Required for admission to the nursing program. Not accepted for credit towards the biology major.)

BIOL 280 Biochemistry of Health and Nutrition 3 hrs (lec). 3 cr. Prereq: BIOL 100, 102 or 120, 122. CHEM 100, 120. Offered Sp. Basic biochemistry in areas related to human health and nutrition. Designed for students in the dietetics program. (Not accepted for credit towards the biology major.)

††BIOL 300 Molecular Biology 7 hrs (3 lec, 3 lab, 1 disc). 4.5 cr. Prereq: BIOL 200, CHEM 224, 225. Offered Fa. Molecular aspects of cellular function; properties of biomolecules, their biosynthesis and breakdown; structure and function of proteins and enzymes, metabolites, membranes, and nucleic acids; cellular mechanisms of energy transduction; integration and control of cell metabolism. Experiments cover variety of modern techniques in molecular biology.

††BIOL 301 Molecular Genetics 7 hrs (3 lec, 3 lab, 1 disc). 4.5 cr. Prereq: BIOL 300. Offered Sp. Review of classical genetics, including cytological mechanisms of inheritance, Mendelian principles, linkage and sex determination in diploids. Topics in molecular genetics compare genetic mechanisms in viral, procaryotic, and eucaryotic systems involving organization of nucleic acid into chromosomes, replication, repair, mutagenesis, recombination, and control of gene expression.

BIOL 304 Environmental Microbiology 3 hrs (lec). 3 cr. Prereq: BIOL 100, 102, 200 or perm. instr. Offered Sp. Role of microorganisms in normal and polluted environments: oil spills, waste and water treatment, heavy metals, nutrient cycles, microbes as a food source, microbial pesticides, microbial indicators of mutagens and pollutants.


* A $5 materials fee is required.
† A $10 materials fee is required.

[Change from 4 to 4.5 credits pending Senate approval.]
BLACK AND PUERTO RICAN STUDIES

BIOL 322 Evolution 3 hrs (lec); 3 cr. Prereq: BIOL 300. Modern synthetic theory, genetic basis of variation, gene pool in populations.


BIOL 350 Regulation of Cell Proliferation 3 hrs (lec), 3 cr. Prereq: BIOL 200, 202, 300, 302 or perm instr. Offered Sp. The control of cell growth: a study of the mechanisms of action of hormones, growth factors, transforming growth factors and receptor-mediated events. Proto-oncogene products and their impact on cell proliferation will also be studied.

BIOL 360 Cellular and Molecular Immunology 4 hrs (3 lec, 1 disc), 3.5 cr. Prereq: BIOL 300, 302 or perm instr. Offered Fa. Study of immunology from a molecular biological perspective. Molecular genetics of antibody diversity, hematopoiesis, humoral and cellular immunity, relationship between immune system and other cell communication systems, histocompatibility, and signal transduction. For advanced biology majors.

BIOL 370 Physiology of the Nervous System 5 hrs (2 lec, 3 lab), 3 cr. Prereq: BIOL 100, 102, 200, 202 or perm instr. Offered Fa. Neuron structure, conduction; neurotransmitter, synapses, integration; neuroendoscopy. Laboratory covers major concepts presented in lectures: neurophysiological experiments, histology, anatomy and development of the nervous system.

BIOL 376 Endocrinology 3 hrs (lec), 3 cr. Prereq: BIOL 100, 102 or BIOL 120, 122 or perm instr. Offered Fa. Endocrine system organization; mechanisms of hormone action; hormonal regulation of metabolism, reproduction, and nervous system functions.

BIOL 380 Molecular Neurobiology 3 hrs (lec), 3 cr. Prereq: BIOL 300 or perm instr. Molecular components and molecular mechanisms involved in the cell biology of neurons and glia. Neuronal signaling, neuronal development, learning, memory, and diseases of the nervous system.

BIOL 390 Laboratory in Cell Fine Structure 5 hrs (1 lec/dem, 4 lab), 3 cr. Prereq or coreq: BIOL 300, or BIOL 202 and perm instr. Offered Fa. Application of electron microscopy to study of cell structure and function. Lab projects utilize thin sectioning, negative staining, darkroom printing, and other techniques.

BIOL 400 Special Topics in Advanced Laboratory Techniques 4 hrs (lab), 2 cr. Prereq: BIOL 300 or perm instr. Advanced laboratory techniques used in contemporary biological research, including areas such as immunology, microbiology, and molecular neurobiology. Topics change from term to term.

BIOL 450 Individual Tutorial in Biology 1 or 2 cr. Prereq: 18 cr in biology, approval of advisor, in addition to the sponsor. This course may be taken only once. Research paper written under the direction of a full-time faculty member in Department of Biological Sciences.

BIOL 460 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 required. 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. An oral presentation and a written paper are required.

BIOL 480-483 Introduction to Experimental Biology 1 or 2 cr, per sem.; hours to be arranged. Prereq: BIOL 100 and 122, BIOL 200 or 202 (or the equiv.), and written permission of instructor prior to registration. Laboratory research under guidance of faculty member. Written report required upon completion of research. A minimum of 2 credits is required for all Departmental Honors candidates. Courses not offered in 1995-96:

BIOL 206 Ecology
BIOL 252 Comparative Anatomy of the Vertebrates
BIOL 274 Physiology of Activity
BIOL 335 Comparative Animal Physiology
BIOL 340 Plant Physiology

Black and Puerto Rican Studies

Department Office West Building room 1111, phone 772-5035

Chair José Manuel Torres-Santiago
Professors Flores, Hernandez, Richards, Torres-Santiago, Zentella
Associate Professors López-Adorno, Toney
Assistant Professor Iveriebor
Lecturers Edey-Rhodes, Kassimali, Rodriguez
Advisor Jaffer Kassimali

The Department of Black and Puerto Rican Studies was established on the initiative of students and faculty in 1968. The curriculum provides for creative and multidisciplinary study of the past, present, and future of Africans and peoples of African descent throughout the world, Puerto Ricans in Puerto Rico and the United States, and groups with a similar experience, such as Native Americans, Latin Americans, Latinos, Hawaiians, Filipinos, and Asians in the U.S. Emphasis is placed on their historical and cultural achievements and on their resistance to systematic racism, colonial exploitation, enslavement, and oppression. The faculty's educational backgrounds encompass such disciplines as anthropology, economics, education, history, law, literature, linguistics, political science, public administration, and sociology.

The department prepares students for careers in government, education, and community organizations; for entrance to professional schools such as law, social work, and urban planning; and for graduate study and research in the social sciences and humanities. Graduates of the department have followed careers in journalism, counseling, teaching. Some work in museums; others have entered politics; still others have careers in private industry or in human services, as self-employed professionals.

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 and Puerto Rican Studies, particularly when their career interests include activities with peoples other than European in origin. Similarly, students majoring in education, often choose to major in Black and Puerto Rican Studies as a specialty subject in the elementary and secondary school curriculum.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Code DR applies to BLPR 241 and 242; codes DX and DW apply to the following courses in Black and Puerto Rican Studies: BLPR 143, 235-237, 245-247, 300- and 400-level courses. Codes DX, DW, and DM apply to BLPR 181. For an explanation of the codes see the Course Access Codes section of this catalog.

Distribution Requirement No courses offered toward fulfillment of the major may also be offered toward the distribution requirement. The department suggests that students who are considering graduate study of this subject select French or Spanish, Swahili or Yoruba to meet the foreign language distribution requirement (Category III).

Program of Study

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 sequence or Puerto Rican sequence or in a combination of both.
Major The major consists of 30 credits, not including department courses taken to fulfill the distribution requirement. Courses to be taken are as follows:

1. 6 credits from among the courses BLPR 201, 202, 203, 204, 241, 242, 101.

2. 3 credits from BLPR 281, 282.

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 Africana 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 the humanities or social sciences, or 6 credits each from the humanities and social sciences.

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

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

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 101 Introduction to Afro-Caribbean History 3 hrs, 3 cr. Afro-Caribbean history from 16th century to present.

BLPR 102 Latino Communities in New York 3 hrs, 3 cr. Migration, ethnicity, community life, and public policy issues of Latino groups compared; an introduction to the field of Puerto Rican Studies.

BLPR 103 Conquered Peoples in America 3 hrs, 3 cr. Consequences of 19th-century US territorial expansion: an introductory study of the Puerto Rican experience compared with experiences of American Indian, Chicano, and Pacific island peoples.

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: ENGL 120 and reading knowledge of Spanish. E/Fa. Analysis of literary works of Puerto Rican authors and their images of Puerto Rican society.

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 African History from Human Origins to 1600 CE 3 hrs, 3 cr. African history as part of world history; role Africans played in development of other nations and civilizations.

BLPR 202 African History Since 1600 CE 3 hrs, 3 cr. Main currents of African history from 1600 CE to present.


BLPR 204 African-American History II 3 hrs, 3 cr. Survey of historical experiences of African people in US from Reconstruction era to present.


BLPR 206 African Political and Social Change 3 hrs, 3 cr. Introductory study of political and social change in Africa during the 20th century.

BLPR 207 Afro-Caribbean Politics I 3 hrs, 3 cr. Examines political economy of slavery and colonialism, and responses of Caribbean people from 1492 to political independence.

BLPR 208 Afro-Caribbean Politics II 3 hrs, 3 cr. Prereq: BLPR 207. Begins with attainment of political independence by major Caribbean countries; focuses on nation-building.

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

BLPR 220 African Spirituality in the Diaspora 3 hrs, 3 cr. The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America and the Caribbean.

BLPR 222 African Civilization 3 hrs, 3 cr. Introduction to study of African civilization from Afrocentric perspective.

BLPR 235 African Literature 3 hrs, 3 cr. Prereq: ENGL 120. Introduction to contemporary African literature originally written in English. The course is conducted in English; all course requirements are in English.

BLPR 236 Afro-American Literature 3 hrs, 3 cr. Prereq: ENGL 120. Introduction to Afro-American writing, from earliest expressions to present.

BLPR 237 Afro-Caribbean Literature 3 hrs, 3 cr. Prereq: ENGL 120. Introduction to poetry, novels, and "protest" literature of the Caribbean, originally written in English. The course is conducted in English; all course requirements are in English.

BLPR 241 Puerto Rican History to 1897 3 hrs, 3 cr. Sociohistorical analysis of Puerto Rico from the Tainos to the Charter of Autonomy.

BLPR 242 Puerto Rican History since 1898 3 hrs, 3 cr. Sociohistorical analysis of Puerto Rico dating from the US invasion to the present.

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 Puerto Ricans in the United States 3 hrs, 3 cr. Survey of the origins, contemporary and future life patterns of continental Puerto Ricans.

BLPR 245, 246 Puerto Rican Literature I & II 3 hrs, 3 cr. Each. Prereq: SPAN 202 or equiv. or perm instr. Social and intellectual study of periods of Puerto Rican literature: movements, authors, canonical texts. Conducted in Spanish.

BLPR 247 Puerto Ricans in the US as a Literary Theme 3 hrs, 3 cr. Prereq: ENGL 120 and reading knowledge of Spanish. Analysis of literary texts dealing with Puerto Rican communities in US and their migration experiences.

BLPR 248 Caribbean Spanish 3 hrs, 3 cr. Linguistic analysis of Spanish as spoken in Puerto Rican, Dominican, and Cuban communities.

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

BLPR 270 Economic History of Puerto Ricans 3 hrs, 3 cr. Prereq: BLPR 242 or 244. Stages of change in economic structures and labor conditions among Puerto Ricans in Puerto Rico and the US.

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

BLPR 281, 282 Fieldwork In African-American/Latino Communities I, II 3 hrs, 3 cr each. Fieldwork involvement and sociopolitical analysis of a community organization in the Black and/or Puerto Rican community.

BLPR 280 Selected Topics in Black and Puerto Rican Studies 3 hrs, 3 cr. Experimental course. Topics change according to instructor.

BLPR 304 Leaders and Movements of Black Urban Communities 3 hrs, 3 cr. Prereq: BLPR 203, 204. Personalities and movements that have influenced Black communities of US; focuses mainly on 20th century.

BLPR 307 Contemporary African Politics 3 hrs, 3 cr. Study of post-independence nationalism, political systems, regional and inter-nation cooperation of African nations.

BLPR 308 Contemporary International Relations of the Afro-Caribbean 3 hrs, 3 cr. Examination of use of foreign policy for economic development in Caribbean and as instrument of transformation.

BLPR 309 Afro-Americans and Africa 3 hrs, 3 cr. Prereq: BLPR 203, 204. Major evidence of Black American involvement and interest in Africa from 1775 to present.

BLPR 313 Slavery 3 hrs, 3 cr. Prereq: BLPR 203 or perm instr. 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 204, 205, or perm instr. 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 instr. Examination of African womanhood in traditional setting during colonialism and neo-colonialism: independence, and revolution.

BLPR 319 Women in the African Diaspora 3 hrs, 3 cr. Prereq: BLPR 204 or perm instr. The cultural-historical role of women of African descent in North America and the Caribbean in relation to the family, to political resistance, and in sustaining African culture and values.


BLPR 322 African World View: Philosophy and Symbolic Thought 3 hrs, 3 cr. Prereq: BLPR 222 or perm instr. Offered every other sem. Examination of African religious systems, metaphysical conceptions, and philosophy.

BLPR 332 Islam and Christianity in Africa 3 hrs, 3 cr. Prereq: BLPR 222 or perm instr. Examination of relationship of Islam and Christianity to primary African religion and their political role in African history.

BLPR 334 Afro-American Ethnohistory 3 hrs, 3 cr. Prereq: BLPR 220 or perm instr. Ethnohistorical survey of development of Black culture in the diaspora; reinterpretation of African forms in Western European environment.

BLPR 335 Autobiography as a Special Theme in Black Literature 3 hrs, 3 cr. Prereq: ENGL 120. Offered every other year. Treatment of autobiographical works of Black authors in US, Caribbean, and Africa during 19th and 20th centuries.

BLPR 336 Afro-American Writers 3 hrs, 3 cr. Prereq: BLPR 230 or perm instr. Afro-American female authors from slavery to present: novels, short stories, essays, plays, poetry, teenage fiction, and children's books.

BLPR 342 Political Nationalism in Puerto Rico 3 hrs, 3 cr. Analyzes nationalist ideology in Puerto Rico: its impact on contemporary political movements and economy.


BLPR 352 Structure in Puerto Rico 3 hrs, 3 cr. Historical survey of colonial policies since 19th 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.

BLPR 356 Latino Literature in English 3 hrs, 3 cr. Prereq: ENGL 120. Latin writing in English in the U.S.; analysis of cultural, linguistic, and ideological factors as found in the work of such authors as Sandra Cisneros (Chicana), Pedro Pietri (Puerto Rican), and Oscar Hijuelos (Cuban-American).

BLPR 360 Politics in Puerto Rico 3 hrs, 3 cr. Comprehensive study of political situation in Puerto Rico; topics include the status issue, political parties and participation.


BLPR 370 Sociolinguistic Fieldwork in Black and Puerto Rican Speech Communities 3 hrs, 3 cr. Prereq: BLPR 181 or ANTHC 151 or 351. Sociolinguistic theory applied to linguistic varieties spoken in Afro-American, Afro-Caribbean, Puerto Rican, and other Hispanic communities.

BLPR 384 Poverty in Society 3 hrs, 3 cr. Causes and effects of various kinds of deprivation with emphasis on Black and Puerto Rican society.


BLPR 390 Problems in Black and Puerto Rican Studies 3 hrs, 3 cr. Jr/Sr only. Experimental course. Topics change according to instructor.


BLPR 402 Afro-American Political Thought 3 hrs, 3 cr. Prereq: BLPR 205 or 202. Comparative theorists; methods and ideological currents.

BLPR 403 Development Strategies in the Afro-Caribbean 3 hrs, 3 cr. Analysis of developmental strategies used by Caribbean nations after independence.

BLPR 420 The Black Church and Social Change 3 hrs, 3 cr. Prereq: BLPR 201 or 202 or perm instr. In-depth study of the sociopolitical role of Black church in political struggle of Black people with special emphasis on America.

BLPR 428 Selected Topics in Black Studies: Social Science 3 hrs, 3 cr. Prereq: perm dept. Experimental course. Topics change according to instructor.

BLPR 442 History of Puerto Rican Labor Movement 3 hrs, 3 cr. Historical development of Puerto Rican working class, its movements and organizations from 19th century to present.

BLPR 499 Honors 3 hrs, 3 cr. Prereq: perm dept; upper Jr/Sr with 2.8 cumulative GPA, 3.2 major GPA. Individual research, honors essay under direction of a department member.

Swahili

SWA 101, 102 Swahili I, II 3 hrs, 3 cr each. Credit for SWA 101 is not given until SWA 102 is completed. Introduction to Swahili, pronunciation and elements of grammar.

SWA 201 Swahili III 3 hrs, 3 cr. Prereq: SWA 102 or demonstrated competence in speaking and writing. Grammar review, composition, oral practice.

SWA 202 Swahili IV 3 hrs, 3 cr. Prereq: SWA 201 or demonstrated competence as a native speaker. Review of morphology and syntax, original composition, intensive oral practice.

Yoruba

YOR 101, 102 Yoruba I, II 3 hrs, 3 cr each. Credit for YOR 101 is not given until YOR 102 is completed. Elementary Yoruba. Introduction to language and culture of Yoruba people of Nigeria.

YOR 201 Yoruba III 3 hrs, 3 cr. Prereq: YOR 102 or demonstrated competence in speaking and writing. Writing and reading of Yoruba language, including study of grammar and syntax.

YOR 202 Yoruba IV 3 hrs, 3 cr. Prereq: YOR 201 or demonstrated competence as a native speaker. Intensive writing and reading of Yoruba language and continuation of study of grammar and syntax.
Chemistry

Department Office North Building room 1307, phone 772-5330

Chair William Sweeney
Professors Dannenberg, Diem, Franck, Goss, Grohmann, Grossman, Massa, Quigley, Santoro, Sweeney, Tomasz
Associate Professors Day, Mills, Mootoo
Assistant Professors Francesconi, Krishnamachari
Advisors (day) William Grossman, (evening) Jack Day

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.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DX, and DM apply to all CHEM courses. In addition, code DW applies to all 200-, 300-, and 400-level CHEM courses. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement No more than 9 credits of chemistry 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 students learn a programming language.

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

Major There are 2 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 Chem lecture I and II or A, B, & C and General Chem Labs 1 & 2 are prerequisites for admission to both Major I and Major II.

Chemistry Major I 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, 352, 354 or 356 with 255, 257, 349, and 366. In addition, 2 additional lecture courses must be chosen from among the following: CHEM 322, 354 or 356, 376, 377, and 345. Also acceptable for completion of Major I are PHYS 330, PHILO 362 or 379. 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 352 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 by the American Chemical Society upon graduation. It is recommended for all students intending to enter the profession of chemistry through either graduate study or 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 earned from the following courses: CHEM 222 with 223, 224 with 225, 249, 352, 354 or 356 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 must satisfy the College foreign language requirement and may select the 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 different minor, they must consult with the department advisor or chair. For students preparing to become chemistry teachers at the secondary level the 21-credit secondary education sequence is an appropriate minor.

Honors Work Opportunity for individual research experience is provided by an honors course, CHEM 491 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 area of chemistry. Students who want to qualify for New York City licensing and New York State certification for teaching in secondary schools should consult the Education section of this catalog for additional requirements.

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DM) in this section.

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* 4 hrs (3 lab, 1 rec), 1.5 cr, Prereq or coreq: CHEM 100. Experiments designed to illustrate fundamental laws and techniques of general chemistry.

*Pending Senate Approval
CHEM 102 General Chemistry I** 4 hrs (3 lec, 1 recit), 3 cr. Coreq: CHEM 103; strongly recommended: completion of 11th yr algebra or MATH 121. In-depth introduction to stoichiometric calculations, thermodynamics, redox reactions, electrochemistry, and chemical equilibrium.

Note: Credit is not granted for both CHEM 100 and 102.

CHEM 103 General Chemistry Laboratory I* 4 hrs (3 lab, 1 recit), 1.5 cr. Prereq: CHEM 100/111 or coreq: CHEM 102. Study of experiments designed to illustrate fundamental laws and techniques of chemistry.

CHEM 104 General Chemistry Laboratory II** 4 hrs (3 lec, 1 recit), 3 cr. Prereq: CHEM 102 and 103, or CHEM 100 with perm chair; coreq: CHEM 105. In-depth introduction to atomic and molecular structure and chemical bonding.

CHEM 105 General Chemistry Laboratory III** 3 hrs, 1.5 cr. Prereq: CHEM 103; Prereq: CHEM 104/112 or coreq: CHEM 104. Laboratory experiments illustrating and applying theory of solutions to qualitative analysis.

CHEM 111 General Chemistry A*** 4 hrs, 2 cr. In-depth introduction to atomic and molecular structure, and a preliminary study of chemical bonding. Completion of 11th yr algebra or MATH 121 is strongly recommended.

Note: Credit is not granted for both CHEM 102 and CHEM 111.

CHEM 112 General Chemistry B** 4 hrs, 2 cr. Prereq: CHEM 111. Continuation of the study of chemical bonding, stoichiometric calculations and thermodynamics.

CHEM 113 General Chemistry C*** 4 hrs, 2 cr. Prereq: CHEM 112. Detailed introduction to chemical equilibrium and kinetics, redox reactions and electrochemistry.

CHEM 120 Essentials of Organic Chemistry Lecture 4 hrs (3 lec, 1 recit), 3 cr. Prereq: CHEM 100; prereq or coreq: CHEM 111. Course presents essential facts, laws, and theories of organic chemistry.

CHEM 121 Essentials of Organic Chemistry Laboratory* 4 hrs (3 lec, 1 recit), 1.5 cr. Prereq or coreq: CHEM 120; prereq or coreq: CHEM 111. Experiments designed to illustrate fundamental laws and techniques of organic chemistry.

CHEM 222, 224 Organic Chemistry Lectures I and II 4 hrs (3 lec, 1 recit), 3 cr. Each. Prereq: CHEM 104 or CHEM 113 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, 2.5 cr. Prereq: CHEM 105; prereq or coreq: CHEM 222. Offered D/Fa, D/Fa,Sp. Various organic syntheses, crystalization, distillation, extraction, chromatography, qualitative analysis, spectroscopy.

CHEM 225 Organic Chemistry Laboratory II 5 hrs, 2.5 cr. Prereq: CHEM 222, 223; prereq or coreq: CHEM 224. Offered D/Fa,Sp, E/Sp. General survey of modern quantitative methods, emphasizing acid-base and redox equilibria and chemical separations.

CHEM 249 Quantitative Analysis 9 hrs (3 lec, 6 lab), 6 cr. Prereq: CHEM 104 or CHEM 113 and 105. Offered E/Fa, D/Fa, Sp, General survey of modern quantitative methods, emphasizing acid-base and redox equilibria and chemical separations.

CHEM 255, 257 Physical Chemistry Laboratory I and II 3 hrs, 1.5 cr. Each. Prereq: CHEM 249; prereq: CHEM 352 or perm chair. Laboratory course involving experiments based on topics covered in CHEM 352 and 354 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 instr. Selected topics such as advanced synthesis, reaction mechanisms, MO theory, natural products, NMR spectroscopy. Graphics. Hands-on laboratory. No previous programming experience necessary.

CHEM 345 Computers in Chemistry 5 hrs (2 lec, 3 lab), 3 cr. Prereq: CHEM 352 or perm instr. 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 354 or 356 with 255. Offered D/Fa. Principles of modern instrumental techniques; emphasis on spectroscopic and electromagnetic methods.

CHEM 352 Physical Chemistry I 3 hrs, 3 cr. Prereq: CHEM 249, MATH 155, Phys 121. Ideal and real gases. Laws of thermodynamics with applications to properties of solutions and phase equilibria in general.

CHEM 354 Physical Chemistry II-F 3 hrs, 3 cr. Prereq: CHEM 352, MATH 250. Offered Fa. Selected topics from statistical thermodynamics, electrochemistry, kinetic theory, and rate processes.

CHEM 356 Physical Chemistry III-S 3 hrs, 3 cr. Prereq: CHEM 352, MATH 250. Offered Sp. Selected topics from quantum chemistry, molecular structure, and spectroscopy.

CHEM 366 Inorganic Chemistry 3 hrs, 3 cr. Prereq: CHEM 352. Offered D/Fa, Treatment of structure, bonding, and reactivity of inorganic compounds.


CHEM 367 Biochemistry II 3 hrs, 3 cr. Prereq: CHEM 376 or BIOC 300 or perm instr. Offered Sp. Biosynthesis of lipids, amino acids, carbohydrates. Muscle contraction, hormones, immune response, DNA sequencing.

CHEM 388 Topics of Current Interest in Chemistry 1 cr. 2 cr or 3 hrs, 1, 2, or 3 cr. Prereq: CHEM 222, 345, and perm instr. Taught by specialists from department staff. Topics which have been offered subject to adequate student interest and enrollment. Include principles of chemical processes, chemical literature and documentation, radiochemistry, inorganic preparations, chemistry of organic heterocycles, group theory, and polymer chemistry. Honors Course.

CHEM 491 Introduction to Research 4 hrs, 1 cr or 8 hrs, 2 cr. Prereq: CHEM 224, 354, 349, Jr/Sr only; perm chair. Similar to CHEM 291. Written report required. Fullfills requirement for departmental honors course.

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

No student may receive credit for more than one of the following: CHEM 100, CHEM 102, CHEM 111.

No student may receive credit for both CHEM 101 and 103 or for both CHEM 121 and 223.

*CHEM 100-101 and 120-121 are primarily for nursing, nutrition and food science, and health science students.

**CHEM 102-105 or CHEM 111-113 are primarily for pre-med, medical laboratory technician, and science majors.

***CHEM 111/112/113 is equivalent to CHEM 102/104 and is recommended for students who wish more time to master the material.
Chinese
DIVISION OF CLASSICAL AND ORIENTAL STUDIES

Division Office West Building room 1429, phone 772-4965
Division Head Lionel Tsao
Associate Professor Tsao
Assistant Professor Huang
Advisors (day) Lionel Tsao (evening) Kenny Huang

The Chinese division of the Department of Classical and Oriental Studies offers courses in Chinese (Mandarin) language and literature and in Chinese culture. It participates in interdisciplinary and interdepartmental 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.

Course Access Codes Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. Codes DX and DL apply to courses CHIN 111-151; codes DX and DY apply to courses CHIN 211-251; and codes DX and DW apply to courses CHIN 311-357. For an explanation of the codes see the Course Access Codes section of this catalog.

Distribution Requirement Chinese language courses may be used to fulfill the foreign language requirement (Category III). Literature courses in Chinese as well as in English translation may be used to fulfill the literature requirement (Category IV, Part 2). The requirement for humanities and the arts (Category V, Group 3) may be fulfilled by CHIN 111 or 112.

Major The major in Chinese language and literature consists of 24 credits chosen from the following CHIN- prefixed courses: 201, 202, 207, 301, 302, 303, 304, 307, 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.

Preparation for Secondary School Teaching Students interested in teaching Chinese in New York schools may count 12 credits of courses from the secondary education sequence as a minor. This minor may count towards the course requirements for New York State certification or New York City licensing, but will not by itself be sufficient for either of these. Students interested in a teaching career should consult with the Division of Programs in Education (Office of Educational Services, Room 1000 W).

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

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

CHIN 101, 102 Elementary Chinese I & II 3 hrs each, sem, 6 cr. Offered D, E/Fa; D, E/Sp. Beginning course in Mandarin. First 4 weeks devoted to pronunciation and basic structure, in romanization only; characters introduced thereafter. CHIN 101 not credited without 102.

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

CHIN 104 Elementary Chinese Conversation II 2 hrs, 2 cr. Offered D/Fa. 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 105. May be repeated for additional semesters.

CHIN 107 Intensive Elementary Chinese 6 hrs, 6 cr. Equiv of CHIN 101 and 102.

CHIN 111 Chinese Culture I 3 hrs, 3 cr. Offered D, E/Fa, Sp. Introduction to Chinese culture with emphasis on classical tradition. Lectures and readings in English.

CHIN 112 Chinese Culture II 3 hrs, 3 cr. Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.

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


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

CHIN 251 Topics in Chinese Literature In English Translation 3 hrs, 3 cr. Including 20th-century literature, contemporary literature.


CHIN 302 Journalistic Chinese Literature II 3 hrs, 3 cr. Prereq: CHIN 301 or equiv. Offered D/Sp. 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. Offered D/Fa. 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. Offered D/Sp. Continuation of CHIN 303. Selected readings in literature written in Wen-yen or classical style.

CHIN 306 20th-century Chinese Literature 3 hrs, 3 cr. Prereq: CHIN 202 or equiv. Selected readings of leading thinkers and writers.

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 fictional writings from early times to 19th century, e.g. Dream 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 402 Independent Study in Chinese Literature 3 hrs, 3 cr. Prereq: CHIN 302 or 304 or equiv, majors only; perm chair. Independent study and research in Chinese literature under supervision of a faculty member.
Classical and Oriental Studies

The Department of Classical and Oriental Studies consists of the Classics, Chinese, Hebrew, and Russian divisions. Each of these divisions is listed alphabetically in this catalog. In addition, the Classics Division offers a six-semester sequence in Japanese.

Department Office
Chair Tamara M. Green

Classics

DIVISION OF CLASSICAL AND ORIENTAL STUDIES

Division Office West Building room 1425, phone 772-4960

Division Head Tamara M. Green
Professors Green, Pomeroy, White
Associate Professors Ancona, Haft, Koehl
Lecturer Mayer
Advisors (day) Tamara M. Green (evening) William J. Mayer

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 ideals 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 of the Department of Classical and Oriental Studies offers a full range of studies in the worlds of ancient Greece, Rome, and the Mediterranean, from a single course in classical myth 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.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. For courses in the classics division, the following codes apply: codes DR and DL for CLA 110; codes DX and DY for CLA 101; codes DX and DW for CLA 201-498; and codes DX, DW, and DM for CLA 328; codes DR and DX for JPN 301, 302. For an explanation of the codes see the Course Access Codes section of this catalog.

Distribution Requirement No more than 6 credits of the major or the minor may also be offered toward the distribution requirement. Greek, Latin, or Japanese may be taken to fulfill the foreign language requirement (Category III). The literature requirement (Category IV, Part 2) may be fulfilled by a literature course in the original language or in English translation. One of the following courses may be taken to fulfill the humanities and the arts component (Category V, Group 3): CLA 101, 110, 201, 203, 220, 225, 226, 227.

Majors Students who want to major in classics have 5 choices:

1. Greek 24 credits of Greek above 101-102, and a corequisite of LAT 101-102 or equivalent.
2. Latin 24 credits of Latin above 101-102, and a corequisite of GRK 101-102 or equivalent.
3. Greek and Latin 18-20 credits each of Greek and Latin (may include 101-102).
4. Classical Studies 12-14 credits of either Greek or Latin, including 101-102, and 12 credits of classics courses given in English (CLA prefix).
5. Archaeology (Interdepartmental) 24 credits from the interdepartmental course pool, including CLA 204, 220, 221, and 222, with a corequisite of 12-14 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.

Preparation for Secondary School Teaching Students interested in teaching Latin or Greek in New York schools may count 12 credits of courses from the secondary education sequence as a minor. This minor may count towards the course requirements for New York State certification or New York City licensing, but will not by itself be sufficient for either of these. Students interested in a teaching career should consult with the Division of Programs in Education (Office of Educational Services, Room 1000 W). In addition, the Department offers an MA in the Teaching of Latin.

Honors and Tutorials Consult the division head for these special programs.

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

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. 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. Prereq: ENGL 120. Ancient Greek culture: art and literature, religion, philosophy, economics, politics, education, and athletics.

CLA 202 Hellenistic Civilization 3 hrs, 3 cr. Prereq: ENGL 120. The Mediterranean world after Alexander the Great: synthesis of Greek and oriental cultures.

CLA 203 Roman Civilization 3 hrs, 3 cr. Prereq: ENGL 120. Ancient Roman culture: art and literature, law, architecture, engineering, economics, popular culture, leisure activities.

CLA 210 The Greek and Roman Theatre 3 hrs, 3 cr. Prereq: ENGL 120. Components and functions of classical theatre: myth and ritual; mask and costume; staging and production; buildings.

CLA 302 Comparative Backgrounds of Classical Mythology 3 hrs, 3 cr. Prereq: ENGL 120. Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.
CLA 303 Religion of Ancient Greece 3 hrs, 3 cr. Prereq: ENGL 120. The Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief, and practice.

CLA 304 Pagans and Christians 3 hrs, 3 cr. Prereq: ENGL 120. Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.

CLA 305 Women and Slaves in Classical Antiquity 3 hrs, 3 cr. Prereq: ENGL 120. Women and slaves in Greek and Roman society and origins of Western attitudes about sex and class.

CLA 306 Special Studies in Ancient Greek Culture 3 hrs, 3 cr. Prereq: ENGL 120. Offered every year. Examination of specific areas of Greek life. Topics vary from year to year.

CLA 307 Special Studies in Ancient Roman Culture 3 hrs, 3 cr. Prereq: ENGL 120. 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. Prereq: ENGL 120. 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. Prereq: ENGL 120. Aristophanes, Menander, Plautus, and Terence, with a consideration of their influence on Western comic tradition.

CLA 253 Homer and Vergil 3 hrs, 3 cr. Prereq: ENGL 120. Ancient narrative song and poetry, with emphasis on the Iliad and Odyssey of Homer and the Aeneid of Vergil.

Archaeology

CLA 204 Introduction to Classical, Near Eastern, and Egyptian Archaeology 3 hrs, 3 cr. Prereq: ENGL 120. Introduction to ancient archaeology, including Greece and Rome, Mesopotamia, Egypt, Anatolia, and the Levant.

CLA 204 Aegean Archaeology 3 hrs, 3 cr. Prereq: ENGL 120, CLA 204. Crete, Greece, and the islands in Bronze Age. Knossos, Thera, Mycenae. Painting, jewelry, pottery, daily life.

CLA 221 Greek Archaeology 3 hrs, 3 cr. Prereq: ENGL 120, CLA 201 or 204. Greece from Archaic to Hellenistic period: culture, Greek cities overseas, daily life. Delphi, Olympia, Athens.

CLA 222 Roman Archaeology 3 hrs, 3 cr. Prereq: ENGL 120, CLA 203 or 204. Etruscans, Roman Italy, and the Empire: Pompeii, Rome, Roman cities overseas; glass, mosaics, sarcophagi, pottery.

CLA 225 Archaeology of Egypt 3 hrs, 3 cr. Prereq: ENGL 120, CLA 204. Sites, cultures, and styles of ancient Egypt, Giza, Thebes, Amarna; hieroglyphs, literature, tombs, religion, daily life.

CLA 226 Archaeology of Western Mediterranean 3 hrs, 3 cr. Prereq: ENGL 120, CLA 204. Ancient Sicily, Sardinia, Malta, Spain, and Italy, chiefly in Bronze Age. Main sites and cultures.

CLA 227 Archaeology of Eastern Mediterranean 3 hrs, 3 cr. Prereq: ENGL 120, CLA 204. Cyprus, Southern Anatolia, Phoenicia, and Palestine, especially in Bronze Age.

CLA 322 Archaeology of Mesopotamia 3 hrs, 3 cr. Prereq: ENGL 120, CLA 204. Sites, cultures, and styles of ancient Mesopotamia: First villages, tombs of Ur, ziggarats, palaces, tablet literature.

CLA 323 Archaeology of Iran and Anatolia 3 hrs, 3 cr. Prereq: ENGL 120, CLA 204. Anatolia, Troy, Hittites, royal tombs of Lycia and Phrygia: Persia: Elamite civilization and Susa; Persepolis.

CLA 327 Celtic Archaeology and Civilization 3 hrs, 3 cr. Prereq: ENGL 120. Celts 500 BC-500 AD: Ireland to Czechoslovakia; main sites, artifacts, and texts. Religion, art, and daily life.

CLA 328 Theory and Method in Classical Archaeology 3 hrs, 3 cr. Prereq: ENGL 120, CLA 221, 222. Theoretical basis and practical methodology of archaeological excavation and interpretation as applied to ancient Greek and Roman cultures.

CLA 329 Problems in Archaeology 3 hrs, 3 cr. Prereq: ENGL 120. Exploration in depth of particular area or period in Old World archaeology. Topics vary.

CLA 330 Field Seminar in Archaeology maximum 6 cr. Prereq: ENGL 120. 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. Prereq: ENGL 120. 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. Prereq: ENGL 120. Perm dept. Methods of research, including criticism, papyrology, epigraphy, historiography, numismatics, and archaeology.

CLA 340 Topics in Classics 3 hrs, 3 cr. Prereq: ENGL 120, Perm dept. Individual research and reading under direction of member of Classics Department.

CLA 421 Independent Study in Classics 1-3 cr. Prereq: ENGL 120. Perm chair.

CLA 491 Honors in Classics 3 hrs, 3 cr. Prereq: ENGL 120. Sr only, perm dept. Individual research under direction of member of department, culminating in essay approved by Honors Committee.

CLA 498 Inservice 1-6 cr. Prereq: ENGL 120, Perm dept.

Grek

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.

GRK 103 Greek Prose Composition 2 hrs, 2 cr. Prereq: GRK 202 or equiv.

GRK 104 Greek Prose Composition 2 hrs, 2 cr. Prereq: GRK 202 or equiv.

GRK 205 Greek Prose Composition 2 hrs, 2 cr. Prereq: GRK 202 or equiv.

GRK 206 Greek Prose Composition 2 hrs, 2 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 Natura 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.

Japanese

JPN 102 Elementary Japanese II 3 hrs. 3 cr. Prereq: JPN 101 or equiv. Continuation of 101.
JPN 201 Intermediate Japanese I 3 hrs. 3 cr. Prereq: JPN 102 or equiv. Continuation of JPN 101-102. Extensive reading and writing practice, including at least 500 additional kanji: advanced grammar study.
JPN 202 Intermediate Japanese II 3 hrs. 3 cr. Prereq: JPN 201 or equiv. Continuation of JPN 201.
JPN 301 Advanced Japanese I 3 hrs. 3 cr. Prereq: JPN 202 or equiv. Continuation of JPN 202. Extensive reading and writing practice, including at least 700 additional kanji: advanced grammar study.
JPN 302 Advanced Japanese II 3 hrs. 3 cr. Prereq: JPN 301 or equiv. Continuation of JPN 301. Extensive reading and writing practice, including at least 800 additional kanji: advanced grammar study.

Communications

Department Office North Building room 443, phone 772-4949
Chair Stuart Ewen
Deputy Chair Eija Ayravainen
Professors Ewen, Gibbons, Stanley
Associate Professors Gold, Parisi, Roman
Assistant Professors Morris, Pinedo, Ramsay
Lecturers Ayravainen, Fleishman, Shore
Undergraduate Advising Coordinator Eija Ayravainen

The Media Studies major is designed to provide students with a grasp of the historical roots of the mass media; the language and power of media messages; the social textures of visual culture; and the intricate relationships between mass media, popular cultural experience, and society at large. Another aspect of the media studies curriculum presents policy issues regarding technology, institutional and regulatory structures, the sponsorship system, and democratic models of access and interpretation.

The department also offers a wide range of courses in media practice which introduce the techniques and stylistic conventions employed in media production, including framing, perspective, montage, symbolism, narrative structure, and the ways that all of these combine as elements of style and genre. The ability to make use of the tools of mass communication is essential in a democratic society, and the program's pedagogy for fostering "media literacy" combines rigorous critical analysis with the creative approaches to public address.

In addition to classroom activities, media students are encouraged to earn elective credits through placements in apprenticeships and internships which offer experience in professional working environments throughout the city. The institutions participating in this program include newspapers, television networks, film and record companies, public relations and advertising agencies, and alternative/community-based media.

The department has previously offered a major sequence in Human Communications. This program is being discontinued effective spring 1996, and no new majors will be accepted.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced
courses at Hunter College. Codes DX and DW apply to all COMM and MEDIA courses except for COMM 101 and 110. For an explanation of the codes see Course Access Codes section of this catalog.

**Distribution Requirement** COMM 160 or MEDIA 180 are the only courses in communications that fulfill the distribution requirement (humanities and the arts, Category V, Group 2).

**Major in Media Studies**

Students majoring in Media Studies will fulfill their requirements through a series of courses spanning a wide range of intellectual and creative concerns. Advanced analytical courses with an interpretive and research orientation are offered at the 300 level in the following two areas of study: Media, Culture, and the Popular Arts — courses concerned with the analysis of media messages and developments within a social and historical context; and Media and Telecommunications Processes and Policies — courses that focus on the analysis of the governmental policies and institutional processes that affect the generation and circulation of media messages.

Courses in media practice and production are offered at the 200 level. Listed under the heading of Print, Video, and Presentational Practices, these courses aim to develop expository media skills and advance the techniques for communicating effectively through speechmaking and through journalistic and documentary forms of expression.

**Major Requirements**

Students majoring in the media studies sequence must take MEDIA 180 Introduction to Media Studies, which is the prerequisite for all other media studies courses. It does not count toward the major, but can be counted toward the distribution requirement or elective credits.

In addition to MEDIA 180, students must take 8 other media studies courses for a total of 24 credits.

At least 5 of these courses (15 credits) must be taken in the analytical segment of the curriculum. This segment includes all the 300-level courses (see discussion below about special topics Media 299 and 399 courses). Students should consult a departmental advisor to plan choice and sequence of courses.

A maximum of 3 courses (9 credits) from the media practice and production segments of the curriculum (200-level courses in print journalism, radio production, and television production) may be applied to the 24-credit major. These courses are recommended but not required for the completion of the major. Additional practice and production courses count as elective credits.

The media studies sequence also periodically includes special topics courses (MEDIA 299 and 399) and a seminar (MEDIA 499). In some cases, these courses may be counted towards the 24-credit major. Students should check with a departmental advisor to determine whether these courses count towards the major or as elective credits.

**Double Majors** Students may choose to complete a major in the Department of Communications and a second major in another department. A student with a double major does not need to complete a minor in a third department.

**Electives** All courses in the department may be taken toward a minor or as electives by students with majors in other departments, provided that the necessary prerequisites have been met. In certain circumstances these prerequisites can be waived with permission of the instructor.
MEDIA 281 Television Production I 3 hrs + hrs TBA, 3 cr. Elements of television production. Lectures and studio practicum.

MEDIA 282 Television Production II 3 hrs + hours TBA, 3 cr. Continued study of elements of television production.

MEDIA 283 Electronic News Gathering 4 hrs (2 lec, 2 lab), 3 cr. Prereq: MEDIA 281. Development of practical, theoretical, and editorial skills for field production of television news. (MEDIA 390 is the analytical counterpart of this production course.)

MEDIA 284 Industrial Television Production 4 hrs (2 lec, 2 lab), 3 cr. Prereq: MEDIA 281, 282. Elements of video production for organizational settings; the writing and production of training tapes and designing of teleconferences.

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 skills in writing and reporting.

MEDIA 366 Sight, Sound, Motion: Studies in Media Aesthetics 3 hrs, 3 cr. Examination and analysis of principles, techniques, and aesthetics in the media.

Media, Culture, and the Popular Arts

MEDIA 325 Non-Verbal Communication 3 hrs, 3 cr. Study of theories, principles, and patterns of non-verbal behavior.

MEDIA 340 Family Communication in Media and Daily Life 3 hrs, 3 cr. Historical approach to the study of families: how they are represented in the media, how they are defined as a media audience, and how they create their own media.

MEDIA 355 Arguing Issues in Media and Popular Culture 3 hrs, 3 cr. Application of theories and techniques in argumentation and debate to issues concerning popular cultural expression.

MEDIA 371 Television Culture 3 hrs, 3 cr. Theoretical analysis of the production and reception of television texts, with close reading of particular texts.

MEDIA 372 Movies in American Culture 3 hrs, 3 cr. Cultural processes that affect the production and reception of movies in the US: intersections among the stylistic, thematic, technical, industrial, and regulatory aspects of American moviemaking.

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, film, print) 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 fifties 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 posed 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 filmmakers to Western media stereotypes of Third World.

MEDIA 391 History of Print Journalism 3 hrs, 3 cr. Development of newspapers and magazines as social force.

MEDIA 393 Media Criticism 3 hrs, 3 cr. Analyzes advanced approaches to media communication with focus on form and content of particular themes as they are treated by various media genres.

MEDIA 398 Public Telecommunications 3 hrs, 3 cr. Programming, philosophy, conflicts, and funding problems in instructional and public television.

MEDIA 399 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) degree of government and private control, (3) degree of organizational 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 Broadcast Journalism 3 hrs, 3 cr. Examination of media technologies, their development, and their impact on quality and organization of human life.

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 International Communication 3 hrs, 3 cr. Examination and analysis of policy issues raised by structures, flows, and contents of international communication. Areas covered include print and TV news flows, transnational culture industries, telecommunications, and data flows.

Special Courses and Elective Credits

MEDIA 299 Special Topics in Media Studies 3 hrs, 3 cr. Taught periodically. II given in semester, topic is listed in Schedule of Classes.

MEDIA 399 Special Issues in Media Studies 3 hrs, 3 cr. Taught periodically. II given in semester, topic is listed in Schedule of Classes.

MEDIA 401 Independent Research 1-6 hrs, 1 cr per hr. Prereq: 2 advanced-level courses and perm dept. Directed research or creative endeavor.

MEDIA 402 Honors Project 3 hrs, 3 cr. Prereq: 3 advanced-level courses; Jr/Sr only; perm dept. Supervised individual research and reading culminating in honors essay or presentation.

MEDIA 498 Inservice Learning Program 1-6 hrs, 1 cr per hr. Prereq: Jr/Sr only; perm dept and host institution. Opportunity to work at professional institutions. One additional cr is gained by attending inservice seminar.

MEDIA 499 Seminar 3 hrs, 3 cr. Prereq: perm instr. Readings, discussion, and papers on significant problems in fields of media studies.

Human Communication Studies

The department is discontinuing the major sequence in Human Communication. The following courses may be offered in the fall 1995 and spring 1996 semesters only:

COMM 160 Introduction to Human Communication 3 hrs, 3 cr. Introduction to process of interpersonal communication: structure, rules of order, functions. PREREQUISITE TO ALL COURSES IN HUMAN COMMUNICATIONS, unless otherwise stated.
Communication Skills

COMM 101 Voice and Articulation 3 hrs. 3 cr. No prereq. Development of awareness of articulation patterns, rhythm, intonation, and voice quality.

COMM 110 Effective Listening 3 hrs. 3 cr. No prereq. Theoretical analysis combined with practical exercises aimed at assessing and improving listening skills. Examination of current research and research relating to the decoding or interpretation process.


Language

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

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

COMM 326 Semantics 3 hrs., 3 cr. Approaches to study of meaning in human communication.

Communication Theory

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

COMM 320 Psychology of Communication 3 hrs., 3 cr. In-depth theoretical exploration of multiple aspects of interpersonal communication.


COMM 354 Persuasion and Attitude Change 3 hrs., 3 cr. Major emphasis on construction and analysis of persuasive messages.

COMM 399.55 Communication Acquisition 3 hrs., 3 cr. Taught periodically. Study of young child's formation and development of verbal and nonverbal communication patterns.

Interpersonal and Intercultural Communications

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

COMM 315 Processes in Intercultural Communication 3 hrs., 3 cr. Difficulties and possibilities of communicating when codes, meaningful behaviors, and assumptions are not shared.

COMM 318 Organizational Communication 3 hrs., 3 cr. Exploration of role of communication consultant in contemporary organizations.

COMM 332 Communication and Social Order 3 hrs., 3 cr. Role of communication in establishing patterns in social, bureaucratic, and corporate organizations.

Special Courses and Elective Credits

COMM 299 Special Topics In Human Communication Studies 3 hrs., 3 cr. Taught periodically. If given in a semester, topic is listed in Schedule of Classes.

COMM 399 Special Issues in Human Communication Studies 3 hrs., 3 cr. Taught periodically. If given in a semester, topic is listed in Schedule of Classes.

COMM 401 Independent Research 1-6 hrs., 1 cr. per hr. Prereq: 2 advanced-level courses and perm dept. Directed research or creative endeavor.

COMM 402 Honors Project 3 hrs., 3 cr. Prereq: 3 advanced-level courses; Jr/Sr only; perm dept. Supervised individual research and reading culminating in honors essay or presentation.

COMM 498 Inservice Learning Program 1-6 hrs., 1 cr. per hr. Prereq: Jr/Sr only; perm dept. and host institution. Opportunity to work at professional institution. One additional cr. is gained by attending an Inservice seminar.

COMM 499 Seminar 3 hrs., 3 cr. Prereq: perm instr. Readings, discussion, and papers on significant problems in fields of interpersonal communication.

Comparative Literature

Program Office West Building room 1314A, phone 772-5146

Head Michael Nimetz
Committee Alexander (Russian), James (German), Nimetz (Spanish), Gordon (English)

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 a 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.

Course Access Codes Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. Codes DX and DW apply to all comparative literature courses. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement Any course in comparative literature may be used to fulfill Part 2 of the literature distribution requirement (Category IV). No more than 6 credits in the major-minor in comparative literature may also be offered toward the distribution requirement.

Students who are considering the study of comparative literature on the doctoral level should try to gain proficiency in no fewer than 2 foreign languages with 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. A good knowledge of one major foreign language, modern or classical (i.e. the ability to take 300-level courses), is therefore a prerequisite. A reading knowledge of a third 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 2 different literatures, 2 different literary periods, and 2 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 2 genres (e.g. the novel and drama).
B. At least 6 cr and no more than 9 cr in COMPL-prefixed 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 languages studied in the original language, and 12 cr, constituting a major, in a single literature. A meaningful balance between at least 2 literatures must be achieved.
D. 6 cr chosen from among the following: CLA 210, 250, 251, 253; ENGL 361, 382; HEBR 281; CHIN 111; BLPR 201, 202, 220; HIST 312, 321; ANTHC 303; PHILO 214, 215, 217, 218, 219, 228, 322, 381, 384, 386; 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.

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

COMPL 301 Seminar: Approaches to Comparative Literature 3 hrs, 3 cr. Study of selected major works to demonstrate scope and various 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 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 project 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.

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**Computer Science**

**Department Office**  North Building room 1008, phone 772-5213

**Chair**  Howard A. Rubin

**Professors**  Cohen, Epstein, Negotia, Rubin, Teller, Wesselenker

**Associate Professors**  Schaffer, Ward, Weiss, Zamfirescu

**Advisors**  See schedule opposite room N1008

The Department of Computer Science provides students with outstanding preparation both for immediate employment as computer professionals and for graduate study. Students use a broad spectrum of programming languages and machine architectures and are expected to construct creative solutions to challenging problems in a variety of contexts. In addition, students are educated in the mathematics of computer science—the theoretical foundations that support current technology and will guide its future development.

The department's faculty engage in research, write monographs and textbooks, publish regularly in highly respected journals, and obtain grants from government and private sources. Adjunct faculty are highly competent professionals in a variety of specialized technical fields. The department takes an active interest in students' goals and provides extensive advising and guidance.

**Course Access Codes**  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DX, DW, and DM apply to all CSCI courses except CSCI 100. For an explanation of the codes see Course Access Codes section of this catalog.

**Distribution Requirement**  The following courses may be used toward the science and mathematics category of the distribution requirement: CSCI 120 and CSCI 150. No more than 6 credits of the minor may be used to meet the distribution requirement.

**Major**  (42 cr in CSCI and 15 cr in MATH)

**Preliminary Courses**  Before being accepted as a computer science major, a student must complete the following sequence of courses, which introduces the student to the mathematical and programming concepts necessary to the foundations of computer science, with a B average or better (no mark less than C; only one C for this sequence will be accepted):

- CSCI 135  Software Analysis & Design I
- CSCI 145  Computer Architecture I
- CSCI 150  Discrete Structures
- MATH 150  Calculus I
- MATH 155  Calculus II

**Required Courses**  All computer science majors must complete successfully the following courses with a grade of C or better:

- CSCI 235  Software Analysis & Design II
- CSCI 245  Computer Architecture II
- CSCI 265  Computer Theory I
- CSCI 335  Software Analysis & Design III
- CSCI 340  Operating Systems
- CSCI 345  Computer Architecture III
- MATH 211  Linear Algebra
- STAT 213  Applied Statistics

A collateral science requirement is now mandatory for all computer science majors, as specified in nationwide accreditation standards. These courses should be comprised of 10-12 credits of laboratory courses for science majors. Suggested sequences are listed on the following page.
BIOL 100 and 102 and one other BIOL course
CHEM 102, 103, 104 and 105 and one other CHEM course
GEOL 101 and 102 and one other GEOL course
GTECH 100, 301 and 321 and one other GTECH course
PHYS 110 and 120, or PHYS 111 and 121, and one other
PHYS course

Electives In addition to the preliminary and required courses, each major must complete 15 hours of elective credits from 300-level and 400-level courses with a grade of C or better. At least 12 elective credits must be in classes other than CSCI 391, 392 and 393. With departmental permission, certain appropriate electives from other academic departments may be substituted.

Minor Examples of sequences which might appropriately constitute a minor would be: CSCI 135, 235, 335 and 435 or 135, 145, 245 and 345.

Honors Work To graduate from Hunter College with honors in computer science, a student must have at least a 3.0 GPA overall and a 3.5 GPA or better in computer science/math, and must receive a grade of A in one of the CSCI 493 series of courses.

Recommended Course Sequence

Term 1 MATH 120; collateral science
Term 2 CSCI 135; MATH 121; collateral science
Term 3 CSCI 145; CSCI 150; MATH 150; collateral science
Term 4 CSCI 235; CSCI 245; MATH 155
Term 5 CSCI 265; CSCI 335; CSCI 345; MATH 211
Term 6 CSCI 340; STAT 213; two CSCI electives
Term 7 Three CSCI electives

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

CSCI 100 Introduction to Computer Applications 2 hrs, 1 cr. Intended for non-majors. Introduction to word processing, spreadsheets, electronic communications, and fundamental computer terminology. Not open to students who have completed, or are enrolled in, any CSCI course or GTECH 102.

CSCI 120 Introduction to Computers 3 hrs, 3 cr. Intended for non-majors. An introduction to the principles of computer science. Discussion of the organization of computer systems and their applications, software packages.

CSCI 135 Software Design and Analysis I 3 hrs, 3 cr. Prereq: The student must have passed all Hunter College proficiency exams. Coreq: Math 120. This first course for prospective computer science majors and minors concentrates on problem-solving techniques using a high-level programming language. The course includes a brief overview of computer systems.

CSCI 145 Computer Architecture I 3 hrs, 3 cr. Prereq: CSCI 135; co-req: MATH 121. Organization of computer systems and design of system elements, including ALU, memories, and interfaces. Some assembly language programming.

CSCI 150 Discrete Structures 3 hrs, 3 cr. Coreq: MATH 150. Mathematical background required for computer science. Sets, relations, cardinality, propositional calculus, discrete functions, truth tables, induction, combinatorics.

CSCI 161, 181, 182 Independent Workshop 1 hr, 1 cr; 2 hrs, 2 cr; 3 hrs, 3 cr. Prereq: Student must have qualified as a computer science major and have completed 20 credits in the department. Outside internship in practical aspects of computing, e.g., systems programming, bio-medical computing, computer aided instruction. Credits may not be used toward the major.

CSCI 235 Software Design and Analysis II 3 hrs, 3 cr. Prereq: CSCI 135, CSCI 150, MATH 150. Programming of representation of information in computers, including process and data abstraction techniques. The course covers static and dynamic storage methods, lists, stacks, queues, binary trees, recursion, analysis of simple algorithms, and some searching and sorting algorithms.

CSCI 245 Computer Architecture II 3 hrs, 3 cr. Prereq: CSCI 145 (or the old CSCI 345), CSCI 150. Boolean algebra, data representation, combinational circuits and minimization, sequential circuits.

CSCI 285 Computer Theory 3 hrs, 3 cr. Prereq: CSCI 245. Recursive, regular sets, regular expressions, finite automata, context-free grammars, push-down automata.

CSCI 335 Software Design and Analysis III 3 hrs, 3 cr. Prereq: CSCI 235, MATH 155. The design and analysis of various types of algorithms, including searching, sorting, graph and tree algorithms. Problem-solving techniques. Worst and average case behavior analysis, and optimality. Polynomial time complexity classes and theory, including NP-completeness.

CSCI 340 Operating Systems 3 hrs, 3 cr. Prereq: CSCI 145, CSCI 235. Definition of functions and components of operating systems. Survey of contemporary multiprogramming/multiprocessing systems. Exploration of systems programs; their design, internal structure, and implementation.

CSCI 345 Computer Architecture III 3 hrs, 3 cr. Prereq: CSCI 245; Coreq or Prereq: MATH 155. High performance computer architectures, including massively parallel SIMD and MIMD machines and distributed architectures.

CSCI 350 Artificial Intelligence 3 hrs, 3 cr. Prereq: CSCI 335. A survey of artificial intelligence including search and control, knowledge representation, logical and theorem proving, learning, natural language, and AI programming.

CSCI 355 Introduction to Linear Programming 3 hrs, 3 cr. Prereq: CSCI 235, MATH 211. Introduction to operations research and game theory. Simplex method: infeasibility, redundancy, and degeneracy problems; two-phase method: duality, transportation problems.


CSCI 385 Numerical Methods I Prereq: CSCI 135 and MATH 155, 211. Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. This course is cross-listed as MATH 385 and as PHYS 385.

CSCI 391, 392, 393 Independent Study in Computer Science 1 hr, 1 cr; 2 hrs, 2 cr; 3 hrs, 3 cr. Prereq: Jr/Sr with perm instr and dept. Independent work under the direction of a faculty member. In practical aspects of computing.

CSCI 395 Topics in Computer Science 3 hrs, 3 cr. Prereq: CSCI 135. Additional prerequisites vary with specific topics and are announced prior to registration. Topics include networking, data communications, statistical packages, and others.

CSCI 405 Software Engineering 3 hrs, 3 cr. Prereq: CSCI 340. Problems in large-scale software development including functional analysis of information processing systems, system design concepts, timing estimates, documentation, and system testing.

CSCI 415 Telecomputing 3 hrs, 3 cr. Prereq: CSCI 150, 340 and MATH 211. Electronic and optical media for data transmission, organization and protocols for local area networks and wide area networks.

CSCI 435 Data Base Management 3 hrs, 3 cr. Prereq: CSCI 335. Hierarchical and network databases; theory of relational databases; normalization theory; query languages.

CSCI 450 Language Translation 3 hrs, 3 cr. Prereq: CSCI 235, 265. The theory and application of natural language recognition and analysis techniques, as they pertain to both formal programming languages and to natural languages. Includes lexical, syntactic, and semantic analysis methods, as well as discussions of efficient data representation.

CSCI 480 Advanced Programming Languages 3 hrs, 3 cr. Prereq: CSCI 235, 265. Survey of computational models defined by and underlying modern programming languages, with emphasis on concurrency and parallelism. Includes languages for distributed and centralized parallel computation.

CSCI 485 Numerical Methods II 3 hrs, 3 cr. Prereq: CSCI 385. Advanced topics selected from: solution of equations and systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. Major project will be assigned. This course is cross-listed as MATH 485 and as PHYS 485.

CSCI 493 Seminar 3 hrs, 3 cr. Topics in microprogramming, information retrieval, artificial intelligence, data communications, and other areas.
Dance

Department Office  Thomas Hunter, room 616, phone 772-5012

Director  Jana Feinman
Professor Emeritus  Dorothy Vislocky
Associate Professor  Feinman
Assistant Professor  Sumler
Adjuncts  Bernhard, Greskovic, Manilla
Advisors  Jana Feinman, Kathleen Sumler

The Dance Program offers a broad-based curriculum with an emphasis on modern dance, including 3 major areas of study:

**Technique** (modern, ballet, jazz, ethnic, folk);

**Creative theory and performance** (improvisation, composition, production, repertory, Lecture/Demonstration Touring Company);

**Theoretical and scientific aspects of dance** (musicanship for dancers, dance history, theory and practice of teaching, anatomy and kinesiology, movement re-education)

Registration in courses as well as participation in the Hunter College Dance Company and Dance Club is open to all Hunter students.

**Course Access Codes** Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. The access codes for Dance are as follows: code DM for DAN 113; codes DR and DL for DAN 211, 212, 245, 251, 252, 245, 352; codes DR, DL, and DM for DAN 253 and 254; codes DX, DY, and DM for DAN 223, 323, 341; codes DX and DY for DAN 221, 222, 322, 350, 351, 411, 412, 480; codes DX and DW for DAN 231, 232, 301, 302, 490, 498; and codes DX, DW, and DM for DAN 223, 323, and 341. For an explanation of the codes see Course Access Codes section of this catalog.

**Distribution Requirement** The requirement for humanities and the arts (Category V, Group 1) may be fulfilled by DAN 102 or 232. No courses taken to fulfill the major or minor requirements may be used to satisfy the distribution requirement.

**Major** A yearly placement audition is required of incoming majors and minors as well as of all second-year majors. Performance, choreography, and technical production requirements are to be fulfilled prior to graduation.

The following 24-credit curriculum is required of all majors: DAN 111, 112, 151, 211, 212, 221, 222, 223 or PEDCO 250, DAN 231 or 232, 245, 350. These core courses and 6 to 12 credits of electives prepare majors for professional careers in several areas of specialization:

- performing and choreography
- teaching of dance
- dance therapy
- human movement studies
- dance history and criticism
- arts administration

The undergraduate advisor suggests the appropriate sequence of electives for the career specialization the student chooses.

**Preparation for Teaching** [Pending approval of New York State Education Dept.] The program leading to New York State certification and New York City licensure as a Teacher of Dance consists of the 24-credit curriculum required of all dance majors, DAN ED 302, 9 elective cr in dance, and a 16-credit sequence in teacher education which serves as the minor. The required courses in teacher education are EDFS 200, 201, and 202. EDPS 210 and 410. (See Education section of this catalog for further information about the teacher education sequence.) Note also that DAN ED 302, the methods course in teaching dance, is offered within the Dance Program.

To be accepted into the teacher education program, students must fulfill the following requirements:

1. Completion of developmental course work
2. Completion of ENGL 120
3. Completion of 45 college cr
4. GPA of at least 2.5
5. Formal declaration of a major in dance
6. Submission of an application for entry to the education sequence (The application is available in the Office of Educational Services, Room 1000-W.)

The following requirements must be met before students will be permitted to register for DAN ED 302:

1. Completion of 12 cr of study in dance
2. Approval of the major advisor in dance
3. Maintenance of an overall GPA of 2.5
4. An index of 2.5 in EDPS 200, 201, 202 and EDPS 210

**Minor** Students minoring in dance are required to take DAN 111, 112, 221, and 6 additional credits from the core courses or the suggested electives. All minors should consult the undergraduate advisor before selecting their sequence of courses.
COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

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 145 Fundamentals of Ballet 3 hrs, 2 cr. Prereq: DAN 111. Offered D only. Introduction to fundamental skills and nomenclature of ballet; non-professional orientation to educate student to appreciate art of ballet through participation.

DAN 151 Folk Forms of Dance I 3 hrs, 1 cr. Offered D/Sp only. Development of basic dance skills for participation in various recreational folk dances; exposure of student to dance and music of other cultures through communal activity.

DAN 211 Contemporary Dance Technique III 3 hrs, 2 cr, 2 hrs open studio. Prereq: DAN 112. Offered D only. Advanced movement expression; preparation for students to carry out their own creative dance works or demands of other choreographers; continued in-depth study of all concepts of dance.

DAN 212 Contemporary Dance Technique IV 3 hrs, 2 cr. 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 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 251 Folk Forms of Dance II 3 hrs, 1 cr. Prereq: DAN 151. Offered D/Sp only. Expanded progression in folk forms of dance; presentation of new materials based on advanced skills.

DAN 252 Special Topics: Traditional Dance I 3 hrs, 2 cr. Prereq: DAN 112. Introduction to the cultural background and basic techniques of individual traditions of dance, such as African, Classical Indian, Afro-Brazilian, Tai Chi, and Cape Verde.

DAN 253 Jazz Dance I 3 hrs, 2 cr. Prereq: DAN 112 or perm instr. Offered D only. Emphasis on distinguishing characteristics of classic jazz dance: isolations, angular body shaping, percussive dynamics, rhythmic precision.

DAN 254 Jazz Dance II 3 hrs, 2 cr. Prereq: DAN 253 or perm instr. Offered D only. Continued application of concepts of DAN 253 with more advanced material including syncopations common to ragtime, swing, and bebop. Influence of modern dance and ballet on classic jazz dance.

DAN 345 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 352 Special Topics: Traditional Dance II 3 hrs, 2 cr. Prereq: DAN 252. Continuation of DAN 252.

Creative Theory and Performance

DAN 221 Improvisation as a Creative Process I 3 hrs, 2 cr. Offered D/Fa 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. Prereq: DAN 221. Offered D/Sp 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 233 Production I 4 hrs, 3 cr. 5 hrs open studio. Prereq: DAN 222. Offered D/Sp 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 322 Composition II 3 hrs, 2 cr, 5 hrs open studio. Prereq: DAN 222. Offered D/Fa 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 323 Production II 4 hrs, 3 cr, 5 hrs open studio. Prereq: DAN 223. Offered D/Sp only. Advanced application of production skills to preconservatory concert.

DAN 411 Repertory I 4 hrs, 3 cr, 2 hrs open studio. Prereq: DAN 211, 222, or perm instr. Offered Fa only. Performance course for advanced students. A dance is learned from professional choreographer's repertory and performed in concert.

DAN 412 Repertory II 4 hrs, 3 cr, 2 hrs open studio. Prereq: DAN 211, 212, 411, or perm instr. Offered Sp only. Continuation of DAN 411. A new dance is created by professional choreographer and performed in concert.

Theoretical and Scientific Aspects of Dance

DAN 102 Dance, Dancers, and the Audience 3 hrs, 3 cr. Offered Fa 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 Musicianship for Dancers 3 hrs, 2 cr. Offered D/Fa only. Basic music theory in relation to dance. Development of auditory and kinesthetic understanding of melody, rhythm, and harmony through movement.

DAN 301 Theory and Practice of Teaching Dance in Elementary School 3 hrs, 2 cr. Prereq: DAN 112 or equiv. Offered D/Fa only. Evaluation, discussion, and application of various teaching methods involved in presenting creative movement to elementary-school-age children; practice in lesson and unit planning.

DAN ED 302 Theory and Practice of Teaching Dance (K-12) 3 hrs, 3 cr. Prereq: completion of 12 major course cr and perm, dept. Pre- or co-reqs: EDF S 200, 201, 202, and EDC S 210. Methods of teaching dance in grades K-12.

DAN 231 Dance History Before the 20th Century 3 hrs, 3 cr. Offered D/Sp only. Readings and discussions of origin and development of major forms of dance; comparative analysis with development of other art forms.

DAN 232 20th-century Dance History 3 hrs, 3 cr. Offered D/Fa only. Readings, lectures, films, discussions of 20th-century ballet, modern, social, and popular theatre dance forms; analysis of individual styles and cultural trends; fulfills distribution requirement in humanities.


DAN 350 Anatomy and Kinesiology for Dancers 3 hrs, 3 cr. Prereq: DAN 112 or equiv. Offered D/Sp only. Anatomy of skeletal, muscular, and neuro-muscular systems; anatomical 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/Fa only. Identification of types and frequency of dance injuries; investigation into probable causes, prevention, care, and rehabilitative procedures.

DAN 480 Independent Study in Dance Hrs TBA, 3 to 6 cr. Prereq: minimum of 15 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 Hrs TBA, 3 cr. Prereq: Jr/Sr with minimum 18 dance cr; major GPA 3.5, overall GPA 2.8. Offered D only. Individual study leading to completion of honors essay or production book in creative performance.

DAN 498 Inservice Learning Program Hrs TBA, 3 to 6 cr. Offered D only. Prereq: 50 production hours.
Economics

**Department** Office West Building room 1524, phone 772-5400  
**Chair** Marjorie Honig  
**Director, Accounting Program** Lila Bergman  
**Professors** Chernick, Filer, Golibe, Honig, Randall, Reimers, Shult, Smith  
**Associate Professors** Agbeyegbe, Goodspeed, Kabot, Liveson, McLaughlin  
**Assistant Professors** George, Heyen, Kim, Ryan  
**Lecturer** Bergman  
**Advisors** (day and evening) inquire at department office, West Building room 1524

One way to define the scope of economics is to say that it is the social science that deals 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.

Many professional economists are employed by businesses, financial institutions, labor unions, and 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 their 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.

**Course Access Codes** Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DR, DL, DY, and DM apply to ECO 100; codes DR, DL, DY and DM apply to all other courses. For an explanation of the codes see Course Access Codes section of this catalog.

**Distribution Requirement** No courses offered toward fulfillment of the major may also be offered toward the distribution requirement. Unless a student splits a minor between 2 departments, 6 credits of the minor may be offered toward the distribution requirement.

**Majors** The Department of Economics offers 2 majors: the BA in Economics, requiring a minimum of 24 credits, and the BS in Accounting, requiring a minimum of 27 credits of accounting and an additional 36 credits of professional studies. Details are outlined below.

**Grade Options** Students may choose the system under which they are to be graded. The department strongly urges economics majors who plan to go on to graduate or professional school to choose letter grades. Students enrolled in the BS (accounting) curriculum must have letter grades in the 27 credits of prescribed accounting courses. The major option may not be used for the 27 accounting credits in the accounting major.

**Prerequisites** Courses must be completed with at least a grade of C or CR to satisfy prerequisite requirements. Students who have not satisfactorily completed prerequisites are not admitted to higher level courses in economics.

**Preparation for Teaching** In cooperation with the Division of Programs in Education, the Department of Economics provides opportunities for students to prepare for a career in teaching at the secondary or elementary school level. Students who want to qualify for teaching social studies in secondary schools should see the History Department section of this catalog for specific requirements in the social sciences and see the Education section of this catalog for other requirements. Advisement is also available in the Office of Educational Services, Room W 1000.

**Interdepartmental Fields** Students may take courses in economics as part of an interdepartmental field in Latin American and Caribbean Studies, 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 the 12-credit related social science component. Students in this program should consult the undergraduate advisor in the Department of Urban Affairs before making course selections.

**Internships** The Department of Economics does not grant credit for participation in internships as such. Participants in programs approved by the College may, however, obtain credit for independent study in areas of economics to which an internship is related. An independent study of this kind must be supervised by a faculty member in the appropriate area. It is the student’s responsibility to contact the faculty member and make arrangements.

**Accelerated BA/MA Program in Economics** The Department of Economics offers promising students the opportunity to complete both the BA and MA degrees within 125-131 credits, 30 of which must be at the graduate level. 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. All students in the BA/MA program must complete ECO 221, 300, 301, 321, MATH 111, MATH 150, and MATH 155, or their equivalents. An undergraduate major in economics is normally required. Thomas Hunter honors students may be admitted without declaring an undergraduate economics major, provided that the above courses are completed. To apply, send a letter of application and undergraduate transcript to the Department of Economics BA/MA advisor.

**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 ECO 499 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.

**Concentrations** For interested students, the department offers concentrations in Public Policy, and in Commercial and Financial Enterprises. The concentration in public policy prepares students for analytical and managerial careers in both the public and private sectors, as well as providing a firm foundation for graduate or professional studies. The concentration in commercial and financial enterprises provides a general background in the skills and knowledge necessary for a successful business career. Information is available in the Economics Department.

*Subject to the approval of the appropriate college bodies and the CUNY Board of Trustees.
BA Degree in Economics

Major* Students majoring in economics must take:

A. ECO 200 and 201. These courses must be completed prior to declaring a BA major in economics. Although required, they 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 with either ECO 200 or 201, but they are advised to take ECO 100 before 200 or 201 if they have not had recent exposure to economics in high school. If taken, ECO 100 cannot be substituted for either ECO 200 or 201 or credited toward the major.

B. ECO 220, 221, 321, and 300 or 301. These courses, along with ECO 200 and 201 (as described above), are the core of the economics major. Majors are required to complete ECO 220 and 221 within their first 75 credits of college work; ECO 300 or 301 must be completed within their first 90 credits. For students already at or beyond these points when they become majors, such courses must be taken within the first 12 credits following declaration of the major.

The department may waive the requirement of any of the above or other courses upon satisfactory proof of course equivalency or a Department of Economics examination that establishes competence. Courses waived through substitution or examination do not provide course credit nor do they count toward the major.

C. Elective courses. Any remaining credits needed to complete the 24-credit major shall be satisfied by any other courses offered by the department. The department particularly recommends MATH 150 and MATH 155 as electives. Completion of MATH 111 and 150 with a grade of C or better permits the waiver of ECO 220.

Minor Economics majors may choose a minor from any other department of the college. The department particularly recommends MATH 150 and MATH 155 as electives. The department also allows a split minor (i.e., 6 credits each from 2 related departments). The department recommends minors in mathematics and computer science, either separately or in combination. No minor is required of double majors. See the paragraph on the distribution requirement in this section to learn how courses in the minor may be credited toward the college distribution requirement. For students preparing to become social studies teachers the sequence in secondary education is an appropriate minor.

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 director of the accounting program or a department advisor during 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 (65 cr) Students working for a BS (accounting) degree must complete the Hunter-wide distribution requirement (shown in the "Distribution Requirement" section of this catalog) except that:

A. In Category I, in addition to 6-10 cr in science (which may not be fulfilled with computer science courses), they must choose either ECO 220 or MATH 150. This should be done within the first 75 credits of college work. For students already at or beyond this point when they become majors, the course should be taken within the first 12 credits following declaration of the major.

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;

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* Subject to the approval of the appropriate college bodies and the CUNY Board of Trustees.

** Students must file with the Department of Economics a high school transcript or other evidence of completion of the requisite number of years.
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 200, which must be taken as part of the professional studies requirement, does not help to fulfill the Category VI distribution requirement for accounting majors.)

E. Electives. Any remaining credits needed to complete the 128 credits required for the BS (accounting) degree must be in liberal arts electives.

Professional Studies (63 cr)

Accounting (30 cr) ECO 271, 272, 371, 372, 373, 471, 472, 473, 475. An overall C average must be maintained in these 30 cr.

Business Law (6 cr) ECO 280, 380.

Statistics (6 cr) ECO 221 and 321 or an additional business-core elective in lieu of 321. ECO 221 should be completed within the first 75 credits of college work. For students already at or beyond this point when they become majors, the course should be taken within the first 12 credits following declaration of the major.

Finance (6 cr) ECO 210, 365, 366.367

Business Core required (6 cr) ECO 200 and one course in computer science elective (12 cr) ECO 260, 300, 301, 310, 315, 340, 341, 355, 360, 361, 362, 366, 367, 474, 476, 480 and one additional course in computer science if desired. (With departmental permission, other courses may be used as business-core electives.)

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

Students who have not completed the prerequisite(s) with a grade of C, CR, or better will not be allowed to register for the course for which prerequisite(s) are required. In cases where a course is both a required course and a prerequisite for another course which is required for the major, it must be completed with at least a C to be accepted for credit towards fulfillment of the major requirement.

ECONOMICS

ECO 100 Introduction to Economics 3 hrs, 3 cr. Basic economic concepts and thought; issues and policy. Recommended as a first course for students with no prior courses in economics. Not open to students who have taken or are currently enrolled in ECO 200 or 201 or their equivalents.

ECO 103 Economic Background of Current Events 1 hr, 1 cr. Critical evaluation of economic causes and consequences of current economic problems and policies. Only open to majors in economics.

200 Level—Core Courses

ECO 200 Principles of Economics: Microeconomics 3 hrs, 3 cr. Prereq: 3 cr college math (e.g., MATH 120 or passing Part I of the Calculus Readiness Test). May be taken prior to or concurrently with ECO 201. Price theory and resource allocation; market structures; income distribution.

ECO 201 Principles of Economics: Macroeconomics 3 hrs, 3 cr. Prereq: 3 cr college math (e.g., MATH 120 or passing Part I of the Calculus Readiness Test). May be taken prior to or concurrently with ECO 200. Fluctuations in national output and inflation, monetary and fiscal policy.

ECO 220 Techniques of Economic Analysis 3 hrs, 3 cr. Prereq: ECO 200 and MATH 120 or passing Part I of the Calculus Readiness Test. Mathematical techniques applied to economic models.

200 Level—Elective Courses

ECO 210 Money and Banking 3 hrs, 3 cr. Prereq: ECO 200 and 201. Monetary and banking principles and practice; current issues; theory and policy.


ECO 295 Selected Topics in Economics 3 hrs, 3 cr. Prereq: ECO 200 or 201. Special topics and issues of research and policy interest. Topics vary each semester. May be repeated for a total of 6 cr.

Core Courses

(Choose 2 of the 4 courses listed)

ECO 221 Economic Statistics 1 3 hrs, 3 cr. Prereq: MATH 120, CSCI 100 or equivalent or passing Part I of the Calculus Readiness Test. Statistical theory applied to business and economic problems: correlation, regression, time series analysis.

ECO 200 Intermediate Microeconomics 3 hrs, 3 cr. Prereq: ECO 200, 201, 220. Price determination of goods and factors in markets of varied structures; general equilibrium analysis.

ECO 301 Intermediate Macroeconomics 3 hrs, 3 cr. Prereq: ECO 200, 201, 220. Measurement and dynamics of national income, employment, and growth; policy options.

ECO 321 Economic Statistics II 3 hrs, 3 cr. Prereq: ECO 220 and 221, CSCI 100 or equivalent. Linear and curvilinear correlation and regression; variance; testing; time series.

300 and 400 Level—Advanced and Elective Courses


ECO 310 Financial Institutions 3 hrs, 3 cr. Prereq: ECO 210 and 220. Operation, administration, and regulation of U.S. banking, investment, and credit institutions.

ECO 315 Public Finance 3 hrs, 3 cr. Prereq: ECO 200 and 220. Theory and application of fiscal policy; federal budgeting; state and local finance.


ECO 331 Economic History 3 hrs, 3 cr. Prereq: ECO 201 and 220. Origins of Western economic development; evolution of U.S. economy; techniques of economic historical analysis.

ECO 332 Economic Development of Western Europe 3 hrs, 3 cr. Prereq: ECO 201 and 220. Development and structure of Western European economy; performance, policies, and problems.

ECO 335 Urban Economics 3 hrs, 3 cr. Prereq: ECO 200 and 220. Development of metropolitan regions; location theory; transportation, housing, and environment; interaction of public and private sectors.
ECO 335 Regional Economics 3 hrs, 3 cr. Prereq: ECO 220 and 335. Intergovernmental trade and growth; economic base studies; spatial general equilibrium models.


ECO 345 Labor Economics 3 hrs, 3 cr. Prereq: ECO 200 and 220. Demand for labor, determination of wages and allocation of time between paid and unpaid activities, "human capital" investments, labor market policy issues.

ECO 346 The Labor Movement 3 hrs, 3 cr. Prereq: ECO 200 and 220. History, organization, and operation of US trade unions; tactics, policies, foreign counterparts.


ECO 350 Comparative Economic Systems 3 hrs, 3 cr. Prereq: ECO 200, 201 and 220. Analysis of institutions and policies of representative market and nonmarket economies of Western Europe and Asia.


ECO 355 Industrial Organization and Social Control of Business 3 hrs, 3 cr. Prereq: ECO 200, 201 and 220. Analysis of structure and performance of US industrial markets; concentration; public policy; regulation and control.

ECO 360 Managerial Economics 3 hrs, 3 cr. Prereq: ECO 200 and 220. 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 200, 220 and 260. Personnel, wage and salary administration; job evaluation; grievances; union-management relations.

ECO 362 Economics of Marketing 3 hrs, 3 cr. Prereq: ECO 200, 220 and 260. 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 and 340. Export and import principles and practices; financing, transportation, marketing abroad; documentation.


ECO 366 Security and Investment Analysis 3 hrs, 3 cr. Prereq: ECO 365. Operation of the stock market; security analysis and evaluation; economic variables influencing security values.


ECO 390 Independent Study in Economics 3 hrs, 3 cr. Open to economics majors and minors; prereq: perm chair and faculty sponsor. Individual readings, tutorials, research. Written report. May be repeated for total of 6 cr. Not open to accounting majors.

ECO 395 Selected Topics in Economics 3 hrs, 3 cr. Jr/Sr majors only. Special readings, research, and seminar discussions on selected topics announced each semester. May be repeated for total of 6 cr.

ECO 421 Econometrics 3 hrs, 3 cr. Prereq: ECO 200, 201, 220, and 321. Construction, application, and testing of economic models; mathematical and statistical techniques.

ECO 425 Computer Applications in Economics 3 hrs, 3 cr. Prereq: ECO 221 and declaration as an economics major. The course focuses on the acquisition of computer skills and their application to empirical economic analysis.

ECO 456 Selected Topics in Economics 3 hrs, 3 cr. Jr/Sr majors only. Prereq: ECO 300 or 301. Special readings, research papers, and seminar discussions on selected advanced topics announced each semester. May be repeated for total of 6 cr.

ECO 456 Honors Seminar in Economics 3 hrs, 3 cr. Jr/Sr majors only. Prereq: 3.5 GPA in economics and perm chair. Special readings, research, and seminar discussions on selected topics announced each semester. May be repeated for total of 6 cr.

ECO 459 Honors Project 3 hrs, 3 cr. Jr/Sr only. Prereq: 3.5 GPA in economics and perm chair. Supervised individual research and directed reading. Honors essay or presentation.

ACCOUNTING AND BUSINESS LAW


ECO 272 Accounting II 3 hrs, 3 cr. Prereq: ECO 271. Accounting concepts applied to partnerships and corporations; funds statements; financial statement analysis.


ECO 374 Managerial Accounting (Cost Accounting) 3 hrs, 3 cr. Prereq: ECO 372 or perm chair. Accumulation, analysis, presentation, and use of cost data by management, budgets.


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 practices; ethics of accounting profession; procedures for auditing financial statements.


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 380 Business Law II 3 hrs, 3 cr. Prereq: ECO 280 and ECO 220. Legal aspects of business organizations; agency, partnerships, 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.

Accounting Seminars and Independent Study

(See ECO 395, 495, 496, 498 above.)
Education

DIVISION OF PROGRAMS IN EDUCATION
Office: West Building room 1000
Dean Hugh J. Scott 772-4622
Office of Educational Services
West Building room 1000, phone 772-4624
Director Doreen D’Amico 772-4624
Associate Director Vernette von Besser 772-4624
Coordinator, Secondary Education, Sema Brainin, 772-4677
Coordinator, Elementary Education, Kimberly Kinsler 772-4624
Coordinator, Health Education, Mary Lofkarites 772-4670
Coordinator, Physical Education, Arlene Seguine 772-4639
Teacher Placement Sally-Anne Milgrim 772-4624

DEPARTMENT OF CURRICULUM AND TEACHING
West Building room 1023, phone 772-4686
Chair Migdalia Romero
Professors Balmuth, Byrd, Fernandez, Milgrim, Nimman, Perr, Picciano, Romero
Associate Professors Brainin, Burke, DeGaetano, Gardella, Gonzalez, Greenberg, Herman, Kanis, Lofkarites, Mercado, Parrino, Seguine, Sherman, Smith, Taharally
Assistant Professors Koch, Ottaviani, Tong, Yepez
Lecturers Boone, Delgado

DEPARTMENT OF EDUCATIONAL FOUNDATIONS AND COUNSELING PROGRAMS
West Building room 1016, phone 772-4710
Chair Sherryl Browne-Graves
Professors Adkins, Dederick, Hodges, O’Neill, Zalk
Associate Professors Clavar, Fox, Graves, Kelly, Kinsler, Perkins, Subotnik
Assistant Professors Kopala, Linton
Lecturers Evans, Rose

DEPARTMENT OF SPECIAL EDUCATION
West Building room 913, phone 772-4701
See the Hunter College Graduate Catalog.

Teacher education programs at Hunter College are committed to the preparation of teachers for urban elementary and secondary schools who can deal effectively with the wide range of diverse learning needs found among the city’s students. This goal is evidenced in classroom activities, laboratory experiences, and field placements that reflect the cultural and ethnic richness and diversity found in the schools of New York City.

All students who take education as a collateral major, as a minor, or as a series of electives at Hunter must major in a liberal arts subject. In other words, students who take any program in education do so in addition to fulfilling both the distribution requirement and the requirements for a liberal arts major.

A student who completes an undergraduate elementary education major or secondary education minor approved by the New York State Education Department fulfills the academic requirements for New York State Provisional Certification and is eligible for New York City licensing in the area studied. (See sections below on New York State certification and New York City licensing for more information.)

The Division of Programs in Education also offers minors in education which do not fulfill requirements for N.Y. State Certification. These programs are described below.

The Office of Educational Services
This office provides support services to students enrolled in classes offered by the 3 teacher education departments of the Division of Programs in Education. The primary areas of services provided include: coordination of admission, advisement, and registration; student teaching and field placement; teacher certification; teacher placement; and various student services such as permits, transfer of credit, waivers, leaves of absence, etc.

The Office of Educational Services maintains regular office hours throughout the academic year (September 1-May 31), staying open evenings to provide advisement for working and evening session students. Hours may vary during registration periods, during the summer months, and when classes are not in session. Office hours are posted outside room 1000 W.

New York State Certification The undergraduate sequences in education described below (unless otherwise indicated) have been approved by the New York State Education Department to lead to Provisional Certification for teaching in New York State. To earn this certificate the student must successfully complete the approved program of study, obtain the BA or BS degree, and pass the required New York State Teacher Certification Exam (NYSTCE) or other state-designated examinations. The Office of Educational Services processes the certification applications of students who complete an approved program and bachelor’s degree.

The certificate permits the holder to teach for 5 years, during which time earning an approved master’s degree and completing at least 2 years of full-time teaching in the certificate title will lead to permanent certification. (Citizenship is required for permanent state certification.)

New York State certification is reciprocally accepted by many other states upon application. Students with questions about certification should contact the Office of Educational Services.

New York City Licensing Students who complete approved sequences of study may apply for the NYC licensing exam when they possess a valid NYS provisional certificate in their subject area. After applying for the appropriate regular licensing examination and receiving fingerprint clearance, applicants will be granted a “Certificate to Serve as a Substitute for Certified Provisional Service,” which enables them to seek employment on a full- or part-time basis until a regular licensing exam is given in their particular area. For more information regarding licensing and substitute certification, contact the NYC Board of Education, (718) 935-2670.

Office of Teacher Placement This office provides professional teacher placement services for:
1. Undergraduates at Hunter College who are enrolled in student teaching while working toward New York State Provisional Certification.
2. Students with degrees from Hunter College who have completed either the elementary or secondary teacher preparation program, including student teaching.

It is common practice for school administrators to request teacher placement files during interviews for teaching positions. Therefore, students are urged to establish their files during the semester in which they student teach and to maintain and update the files during the job search period. This service helps students seeking jobs locally, nationally, and internationally.

**Registration** Because of the intricacies of certifying programs, students are required to see advisors prior to or during registration in order to secure signed and stapled approval for courses in education. The Division of Programs in Education allows early registration (during April for fall and during November for spring). The Division also provides a schedule of advisor availability during the regular registration period. However, advisement hours do not entirely coincide with registration hours. Students are urged to read the Schedule of Classes, particularly the education note in the section titled "Notes," or to consult the bulletin boards outside room 1000W to determine the best times to see the appropriate advisors or program coordinators. Students are also required to bring student copies of transcripts to allow for informed advisement.

**Transfer Students** Transfer students who have begun studies at another college must see an education advisor before entering any sequence in education. Courses taken at the college previously attended must be evaluated and a program of education studies developed. All transfer students seeing advisors must show transcripts and catalog course descriptions of all college coursework taken before entering Hunter.

**Non-Degree Students** Non-degree students holding a bachelor's degree may be allowed to take courses in art education only when resources allow. Non-degree students must secure advisement and course approval during registration. Such students must be graduates of a 4-year college.

Non-degree students may arrange an advisement appointment during the semester with the Office of Educational Services or may see advisors during the registration period according to the schedule of advisement in the Schedule of Classes. Non-degree students must present a current student transcript of all prior college work to the advisor from whom they seek permission to register. The Division of Programs in Education reserves the right to determine which courses are granted approval; this determination will be based on entry and prerequisite requirements and on divisional policies and practices in addition to professional judgment.

**Hunter College Campus Schools**

The Campus Schools are located at Park Avenue and 94th Street in Manhattan. They serve as a laboratory for observation, demonstration, research, curriculum design, and other projects involving their students, all of whom score in the range of the gifted on intelligence and achievement tests. Students are admitted to the Schools on the basis of competitive testing. Efforts are on-going to identify gifted disadvantaged children who meet the Schools' rigorous standards for admission to nursery, kindergarten, and grade 7 (the 3 levels at which students are admitted).

**Hunter College Elementary School** Children are admitted to the Hunter College Elementary School according to the academic year (9-1 to 8-31). Children must be four years of age to attend the nursery school. Children must be five years of age to attend the kindergarten. Only Manhattan residents are eligible to apply.

**Hunter College High School** The Hunter College High School is a 6-year junior-senior high school. The academic program stresses both acceleration and enrichment and provides students with a classical education. Research focuses on the development of curriculum, teaching strategies, and other educational practices that maintain and advance a "state of the art" approach to the education of intellectually gifted students.

**THE COLLATERAL MAJOR IN ELEMENTARY EDUCATION — Grades Pre-K–6**

**Coordinator** Kimberly Kinsler, West Building room 1000, phone 772-4624

The program of study for the B.A. degree at Hunter College consists of 125 credits. All students must major in a liberal arts or science subject*. Students may pursue a program in elementary education as a collateral major. The 125 credits required for the B.A. degree are distributed as follows for students pursuing a teacher preparation sequence in elementary education (Pre-K–6):

- Distribution requirement of liberal arts courses: 41-55 credits
- Major area of study: minimum of 24 credits
- Collateral major in education: 36 credits
- Electives: 0-24 credits

**Coursework in Liberal Arts**

Teachers in elementary schools are required to teach all subject areas in the curriculum and thus need a broad liberal arts background in addition to specialized knowledge of teaching. Therefore, students will be required to complete six credits in each of the following areas: English, mathematics, science, social studies**, and foreign language. This can be done within the college distribution requirement.

All students pursuing the program in early childhood and elementary education must take HED 314 and two specific courses in mathematics, namely MATH 104 Mathematics for Elementary Education I, and MATH 105 Mathematics for Elementary Education II. One course in Black and Puerto Rican Studies is likewise required or a course that satisfies Category I or II of the diversity requirement.

The courses listed below have been identified as being particularly relevant for students planning to enter the elementary education program. Students are strongly advised to take these courses in fulfilling requirements for six credits in each of the subject areas of English, mathematics, science, social studies, and foreign language.

**Science**

- SCI 101 and 102 Foundations of Science

**Humanities and the Arts**

- Two of the three courses listed below:
  - HUM 201 Explorations in the Arts
  - ART H 111 Introduction to History of Art
  - MUSHL 101 Introduction to Music
  - MEDIA 180 and Introduction to Media Studies

*Please note that health education and physical education are not considered liberal arts or science subjects by the New York State Education Department and that studio art is also not acceptable unless 18 credits of non-applied coursework in art is completed.

**The State Education Department defines social studies to include history, economics, sociology, cultural anthropology, political science, and geography.
Social Sciences

HIST 151 and 152  The U.S. from the Colonial Era to the Civil War; The U.S. from the Civil War to the Present
GEOG 101  and one course in Black and Puerto Rican Studies from the distribution requirement, Category VI Social Sciences

Literature

ENGL 220  Introduction to Literature
and one course from among the following:
ENGL 250  Topics in Literature
BLPR 235  African Literature
BLPR 236  Afro-American Literature
BLPR 237  Afro-Caribbean Literature
or Literature in a foreign language

QUEST Program Overview

The QUEST (Quality Urban Elementary School Teachers) Program at Hunter College fulfills academic requirements for New York State provisional certification in elementary education, Pre-K through sixth grade. QUEST courses are available only during day session hours.

QUEST is an integrated holistic program. In order to maintain its integrity, no more than 12 credits of coursework completed at other institutions may be used toward this collateral major. To be given transfer credit, students must have taken courses at their previous institution(s) directly equivalent to QUEST program courses. Transfer credit will not be given for QUEST A 415, Student Teaching.

Admission Requirements

The QUEST program's admission and screening process involve three stages. In order to enter the program, students must have completed 36 or more credits, have a GPA of 2.3 or higher, have completed all developmental coursework. Students must also complete and submit a formal application to the program and submit proof of a negative finding on the tuberculosis test.

In order to be allowed to continue in the collateral major, students must receive minimum grades of C or better in their QUEST didactic courses, receive minimum grades of B or better in their QUEST fieldwork courses, pass ENGL 120, and raise their GPA to 2.5 by the time they have completed 12 credits. In addition, the student must have a declared major in a liberal arts or science subject.

Students with GPAs below 2.5 must meet with the QUEST Coordinator, room 1000W, to consider what can be done to raise their GPAs by the time they have completed 12 QUEST credits.

Students must complete all QUEST didactic courses with a grade of at least C and all fieldwork courses with a grade of at least B. All QUEST courses are repeatable once by students who have received a D in a didactic course and/or a C in a fieldwork course. Students who receive lower grades for any QUEST course may not repeat those courses and may not continue in the collateral major.

In order to take QUEST A 415, Student Teaching, students must have fulfilled the following requirements:

1. Taken the LAST portion of the New York State Teachers Certification Examination.
2. Maintained a GPA of 2.5 or higher.
3. Completed 85 credits toward the Hunter College degree.
4. Passed Math 104 and 105 (or their equivalents).
5. Passed HED 314.
6. Passed one course in Black and Puerto Rican Studies or one course that meets Categories I or II of the Diversity Requirements.
7. Completed all other QUEST program courses and received grades of C or better in all didactic courses and grades of B or better in QUEST fieldwork courses.
8. Completed liberal arts requirements.

### COURSE SEQUENCE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>QST B 202***</td>
<td>Child Growth and Development</td>
<td>2 hrs 2 cr</td>
</tr>
<tr>
<td>QST B 202.01</td>
<td>Fieldwork for Child Growth and Development</td>
<td>3 hrs 1 cr</td>
</tr>
<tr>
<td>QST A 401****</td>
<td>Reading in the Elementary School I</td>
<td>2 hrs 2 cr</td>
</tr>
<tr>
<td>QST A 401.01</td>
<td>Fieldwork for Reading I</td>
<td>3 hrs 1 cr</td>
</tr>
<tr>
<td>QST B 403</td>
<td>Social Foundations in Urban Education</td>
<td>3 hrs 3 cr</td>
</tr>
<tr>
<td>QST A 404.1</td>
<td>Visual Arts and the Curriculum</td>
<td>3 hrs 3 cr</td>
</tr>
<tr>
<td>QST A 404.2</td>
<td>Music in the Curriculum</td>
<td>3 hrs 3 cr</td>
</tr>
<tr>
<td>QST A 404.3</td>
<td>Movement Education for Children</td>
<td>3 hrs 3 cr</td>
</tr>
<tr>
<td>QST A 405</td>
<td>Technology and Education</td>
<td>3 hrs 2 cr</td>
</tr>
<tr>
<td>QST A 406</td>
<td>Teaching and Learning Mathematics</td>
<td>2 hrs 2 cr</td>
</tr>
<tr>
<td>QST A 406.01</td>
<td>Fieldwork for Mathematics Teaching and Learning</td>
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<tr>
<td>QST A 410</td>
<td>Reading in the Elementary School II</td>
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<tr>
<td>QST A 410.01</td>
<td>Fieldwork for Reading II</td>
<td>3 hrs 1 cr</td>
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<tr>
<td>QST A 412</td>
<td>Methods of Teaching Social Studies in Early Childhood and Elementary Schools</td>
<td>2 hrs 2 cr</td>
</tr>
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<td>QST A 412.01</td>
<td>Fieldwork for Teaching Social Studies</td>
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<tr>
<td>QST B 413</td>
<td>Psychology of Teaching and Learning</td>
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<td>QST B 413.01</td>
<td>Fieldwork for the Psychology of Teaching and Learning</td>
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<tr>
<td>QST A 414</td>
<td>Teaching Science in Early Childhood and Elementary Schools</td>
<td>2 hrs 2 cr</td>
</tr>
<tr>
<td>QST A 414.01</td>
<td>Fieldwork for Teaching Science</td>
<td>3 hrs 1 cr</td>
</tr>
<tr>
<td>QST B 417</td>
<td>The Practice of Teaching</td>
<td>2 hrs 2 cr</td>
</tr>
<tr>
<td>QST B 417.01</td>
<td>Fieldwork for the Practice of Teaching</td>
<td>3 hrs 1 cr</td>
</tr>
<tr>
<td>QST A 415</td>
<td>Student Teaching</td>
<td>18 hrs 4 cr</td>
</tr>
</tbody>
</table>

**Organization of the QUEST Program**

The QUEST program may be completed in either three, four, or five semesters. The recommended procedure is to complete the program in five semesters, as indicated below. However, students who must complete the program in three semesters may do so by being placed in a special accelerated track (see below for more specifics) and attending one or more summer sessions.

***QST B courses are offered by the Department of Educational Foundations and Counseling Programs. See department listing for descriptions.***

***QST A courses are offered by the Department of Curriculum and Teaching. See department listing for descriptions.***
Semester I
QST B 202, QST B 202.01, QST A 401 and QST A 401.01 must be taken during students' first semester in QUEST. The two didactic courses meet back-to-back at the College one morning each week. The two fieldwork courses (QST B 202.01 and QST A 401.01) associated with those didactic courses are held in the public elementary school. Fieldwork courses are scheduled for either one full day or two mornings. QUEST students, therefore, spend one full morning at the College and either 1 full day or 2 additional mornings in the field.

Semester II
QST A 414, QST A 414.01, QST A 412 and QST A 412.01 are taken during students' second program semester. The organization of these four courses replicates that of Semester I.

Semester III
QST B 413, QST B 413.01, QST A 406 and QST A 406.01 are taken the third semester. The organization of these four courses replicates that of Semester I.

Semester IV
QST B 417, QST B 417.01, QST A 410 AND QST A 410.01 are taken the fourth semester. The organization of these four courses replicates that of Semester I. (Students are expected to take student teaching during semester immediately following the one in which QST B 417, 417.01, QST A 410, and QST A 410.01 are taken.)

Semester V
QST A 415, Student Teaching, must be taken the fifth semester. Students spend four full mornings and two afternoons, i.e., two full days and two half days, in their public school placements.

Floating Courses
At any time during the first four program semesters, students must take three "floating" courses, i.e., QST B 403 (Social Foundations in Elementary Education), QST A 405 (Technology and Education), and one of the following three courses: QST A 404.1 (Teaching Art in the Elementary School), QST A 404.2 (Teaching Music in the Elementary School), or QST A 404.3 (Movement Education for Children in the Elementary School). With the exception of Technology in Education, each of the "floating" courses meets for three hours of didactic instruction each week. Technology in Education involves one hour of lecture, 2 hours of laboratory, and conferences. Floating courses are held at the College.

The Accelerated Track
For students who enter QUEST in their junior year there is an accelerated track. This special track allows students to complete the sequence in either three or four semesters plus at least one summer. The schedules for these classes are individualized and tailored to the needs of the students. Enrollment in the accelerated track is restricted, with priority given to students transferring from other colleges in their junior year.

### QUEST PROGRAM SEQUENCE

<table>
<thead>
<tr>
<th>SEMESTER</th>
<th>ACTIVITY</th>
<th>FIELD ORG.</th>
<th>SEM. CRED.</th>
</tr>
</thead>
</table>
| 1        | QST B 202 Child Development = 2 cr  
          | QST B 202.01 Fieldwork = 1 cr       | QST A 401 Reading I = 2 cr  
          |                                    | QST 401.01 A Fieldwork = 1 cr      | 2 Mornings or 1 Full day  | 6 |
| 2        | QST A 414 Science Methods = 2 cr    | QST A 412 Social Studies Methods = 2 cr  
          | QST A 414.01 Fieldwork = 1 cr       | QST A 412.01 Fieldwork = 1 cr      | 2 Mornings or 1 Full day  | 8/12 |
| 3        | QST B 413 Educational Psychology = 2 cr  
          | QST B 413.01 Fieldwork = 1 cr       | QST A 406 Mathematics Methods = 2 cr  
          |                                    | QST A 406.01 Fieldwork = 1 cr      | 2 Mornings or 1 Full Day  | 6/18 |
| 4        | QST B 417 The Practice of Teaching = 2 cr  
          | QST B 417.01 Fieldwork = 1 cr       | QST A 410 Reading II = 2 cr        
          |                                    | QST A 410.01 Fieldwork = 1 cr      | 2 Mornings or 1 Full day  | 6/24 |
| 5        | QST A 415 Student Teaching = 2 cr    
          | 250 Hours + Conferences, + 15 hours of Seminars  
          | Fieldwork = 4 cr (18 hrs, 4 Mornings plus 2 Afternoons) | 4 Mornings 2 Afternoons | 4/28 |

### FLOATING COURSES

- QST B 403 Social Foundations = 3 cr
- QST A 404.01, 02, 03 Art or Music or Movement = 3 cr
- QST A 405 Technology in Education = 2 cr

9/37
CERTIFYING PROGRAMS IN SECONDARY EDUCATION  
(GRADES 7-12) AND IN SPECIAL SUBJECTS, GRADES K-12*  

Coordinator Sema Brainin, West building room 903, 772-4577

Students who major in an academic subject may also wish to complete a sequence of courses in education that will enable them to pursue elementary or junior high school teaching. Hunter College offers the following programs leading to provisional certification in secondary education (grades 7-12): Biology, Chemistry, Chinese, Earth Science, English, French, German, Greek, Hebrew, Italian, Latin, Mathematics, Physics, Russian, Social Studies and Spanish. The college also offers programs leading to provisional certification in special subjects, grades K-12, in the following areas: Art, Health Education, Music*, and Physical Education. For information on the proposed program in Dance Education (K-12), refer to the Dance Department.

Students who wish to pursue provisional certification in one of the above areas must take a specified sequence of education courses, in addition to fulfilling distribution requirements and subject area requirements of the major department. Most departments accept the secondary education sequence as fulfilling the requirements for a minor. Students should check with their major department advisors about this matter. Students pursuing secondary teacher certification must also complete a course relevant to cultural diversity (see below).

The program of study for the baccalaureate degree at Hunter College requires a minimum of 125 credits. Students pursuing secondary education certification may have to complete more than 125 credits. Please note: This is a daytime program which includes fieldwork in the public schools.

Distribution Requirement 41-55 credits
Additional Liberal Arts Requirements 0-3 credits
Major/Minor Concentration (plus pre- or corequisites) 36-60.5 credits
Education Sequence 19-22 credits
Electives 0-29 credits

Distribution Requirement

The courses listed below, which can be used toward the Distribution Requirement, have been identified as being particularly relevant for students planning to enter the secondary education program. Students are strongly advised to choose from these courses in fulfilling distribution requirements outside their major subject area.

Category I - Science and Mathematical Sciences (10-12 credits)
SCI 101 & 102 Foundations of Science (4.5 credits each)
STAT 113 Elementary Probability and Statistics (3 credits)

Category II - English Composition (3 credits)
(ENGL 120 or equivalent required)

Category III - Humanities: Foreign Language (0-12 credits)
A foreign language spoken by a large number of students in the NYC public schools, e.g., Spanish, Chinese

Category IV - Humanities: Literature (6 credits)
ENGL 220 Introduction to Literature (3 credits)
(Students should register for those sections marked with an asterisk to indicate ethnic, racial, and gender representation.)
And
BLPR 235 African Literature (3 credits)
or
BLPR 236 Afro-American Literature (3 credits)
or
BLPR 237 Afro-Caribbean Literature (3 credits)

Category V - Humanities and the Arts (9 credits)
HUM 201 Exploration in the Arts (3 credits)
or one of the following two courses
ARTH 111 Introduction to History of Art (3 credits)
MUSHL 101 Introduction to Music (3 credits)
One or two of the courses that follow
HUM 110 The Map of Knowledge (3 credits)
COMM 160 Introduction to Human Communication (3 credits)

Category VI - Social Sciences (12 credits)
HIST 151&152 U.S. from the Colonial Era to the Civil War; The U.S. from the Civil War to the Present (3 credits each)
GEOG 101 People and their Environment (3 credits)
ANTHC 101 Cultural Anthropology (3 credits)
SOC 101 Introduction to Sociology (3 credits)
PSYCH 100 Introduction to Psychology (3 credits)
POLSC 111 Introduction to American Government and Politics (3 credits)
URBS 101 Urban Life: Personal and Observational View (3 credits)
(See also SOC 217, BLPR 102, and BLPR 202 which are listed below for relevance to cultural diversity)

*Not currently admitting students.

College Diversity Requirement (12 credits)
The Diversity Requirement may be met by taking courses within the Distribution Requirement and Liberal Arts majors.

Other Liberal Arts Courses

Other liberal arts courses required or recommended for students in the secondary education sequences are specified below. (Note that some of these courses also fulfill the distribution requirement.)

A. Courses that encourage the examination of issues surrounding diversity or that encourage the examination of other cultures highly represented in the NYC public school system.

** ONE COURSE REQUIRED

ANTHC 100 Cultural Diversity (3 credits)
BLPR 102** Latinx Communities in New York (3 credits)
BLPR 181 Language and Ethnic Identity (3 credits)
BLPR 182 Culture and Ethnic Identity (3 credits)
BLPR 204 African-American History II (3 credits)
BLPR 255 The Puerto Rican Child in American Schools (3 credits)
WOMST 100 Introduction to Women's Studies (3 credits)
B. Courses that encourage the examination of issues surrounding the health and well-being of the adolescent.

**ONE COURSE**
HED 100 Contemporary Health Concepts (3 credits)

**STRONGLY RECOMMENDED**
HED 306 Drugs and Drug Dependencies (3 credits)

C. Courses that encourage the examination of issues and/or the development of skills in the use of computers and media

**STRONGLY RECOMMENDED**
CSCI 120* Introduction to Computers for Humanities and Social Science (4 credits)
(or a department equivalent)

**RECOMMENDED**
MEDIA 180* Introduction to Media Studies (3 credits)

D. Courses that encourage effective communication.

**ONE COURSE**
COMM 101 Voice and Articulation (3 credits)

**STRONGLY RECOMMENDED**
THEA 170 Workshop in Dramatic Process (3 credits)

**RECOMMENDED**
COMM 240 Effective Speechmaking (3 credits)

E. Courses within majors that examine issues surrounding diversity.

It is strongly recommended that students include within their major area studies a course in non-western culture and/or women's studies, if such a course is available.

* Satisfies distribution requirement.
** Satisfies college diversity requirement.

Admission Requirements

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

1. Completion of developmental coursework
2. Completion of ENGL 120
3. Completion of 45 college credits
4. GPA of at least 2.5
5. Formal declaration of a major in a subject area appropriate for certification grades 7-12 (or K-12)
6. Submission of an application for entry to the sequence (The application is available in the Office of Educational Services, Room 1000 W.)
7. Proof of negative result on the tuberculosis test

Students will be permitted to register for methods courses in their subject area only after having met the requirements given below.

1. Completion of 18 credits of study in the major subject area
2. Approval of the major department advisor
3. Maintenance of an overall GPA of 2.5
4. An education sequence index of 2.5

Secondary Education Sequence

Students pursuing certificates in secondary education must complete the sequence of education courses listed below.

EDF S* 200 Human Development: Focus on Adolescents in Secondary Education 3 hrs. 3 cr.

EDF S 201 Social Issues for Teachers in Secondary Schools 3 hrs. 3 cr.
EDF S 202 Educational Psychology: Applications to Secondary Education 3 hrs. 3 cr.
EDC S* 210 Secondary School Learning Environments 3 hrs. 3 cr.
EDC S 300-308 Methods of Teaching a Subject in Secondary Schools (See course descriptions) 3 hrs. 3 cr.
EDC S 420-428 Supervised Student Teaching in Secondary Schools (See course descriptions) 4 cr.
15 hrs. seminar plus 275 hrs. of fieldwork during the semester

Additional Requirement for Students Preparing to Be English Teachers

EDC S 211 Reading Materials for Young Adults 3 hrs. 3 cr.

The secondary education program may be completed in three or more semesters. Below is the sequence as it would be taken in three semesters

Semester 1 EDF S 200, 201 (must be taken together) EDF S 202
Semester 2 EDC S 210 EDC S 211 (for English majors only)** EDC S 300-308**
Semester 3 EDC S 420-428***

*EDF S courses are offered by The Department of Educational Foundations and Counseling Programs;
**EDC S courses are offered by The Department of Curriculum and Teaching.
***Offered Spring semester only.

Major Department Requirements for Secondary Education Certification

The academic subject matter concentrations referred to below are part of the program approved by the NYS Education Department for certification in academic subjects grades 7-12. These concentrations apply to students who complete the entire 19-22 credit sequence in education, and who are recommended for certification by Hunter College. Students who do not complete the entire secondary education sequence will not be recommended for State certification by Hunter College and may be required to take additional coursework in the subject matter concentration should they apply for State certification on their own.

**English**
Consult the English Department section of the catalog for specific course requirements in the 39 credit major/minor for Secondary Education Teachers.

**Foreign Language**
Twenty-four credit major in one of the following languages: Chinese, French, German, Greek, Hebrew, Italian, Latin, Russian, Spanish. Consult the foreign language sections of the catalog for specific course requirements.
Mathematics

Thirty-eight credit major in mathematics. Consult the Mathematical Sciences section of the catalog for specific course requirements.

Science

Students may earn provisional certification in biology, chemistry, earth science, and physics. See the Biological Sciences, Chemistry, and Physics sections of the catalog for course requirements in these respective areas. Students who wish to prepare for certification in earth science should see the Geology and Geography section of the catalog.

Social Studies

See the History Department section of the catalog for the specific courses in the 36 credit concentration for the social studies certificate.

Programs in Health Education and Physical Education

For faculty see beginning of Education section.

The department offers major programs of study in health education and physical education. Each of these programs can lead to careers in teaching, community settings, research, and graduate study.

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 health education should meet with a departmental advisor to arrange an appropriate course of study.

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 fieldwork. This course offers the opportunity for supervised fieldwork and can be taken more than once.

HEALTH EDUCATION—BS
Coordinator Mary Lefkarites West Building room 1130, phone 772-4670

Health Education Major The undergraduate program in health education focuses on the health status, needs and lifestyles of individuals living in the United States, particularly in urban settings. The promotion of health is viewed from a sociocultural perspective and includes emotional, physical, and social aspects of 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 of children and adolescents in New York City. Students are required to complete a 36-credit major and a 16-credit teacher education sequence. It is also recommended that students take an 18-credit concentration in one liberal arts subject.

For students pursuing the health education major the 125 credits required for the BS degree will be distributed as follows:

Distribution requirement (41-55 cr)
Major courses (36 cr)
Teacher Education Sequence (16 cr)
Recommended liberal arts subject concentration (18 cr)
Electives (0-14 cr)

(The Diversity Requirement may be met through courses taken to meet the distribution requirement, the major, the liberal arts subject concentration, and/or electives.)
Required Major Courses (24 cr)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>HED 100</td>
<td>Contemporary Health Concepts</td>
</tr>
<tr>
<td>COMHE 301</td>
<td>Introduction to Community Health Education</td>
</tr>
<tr>
<td>HED 305</td>
<td>Sex Education</td>
</tr>
<tr>
<td>HED 306</td>
<td>Drugs and Drug Dependencies</td>
</tr>
<tr>
<td>HED 309</td>
<td>The School Health Program</td>
</tr>
<tr>
<td>HED 310</td>
<td>Methods of Teaching Health Education K-12</td>
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<tr>
<td>HED 351</td>
<td>Safety Education and Emergency Care</td>
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</tbody>
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Selective Major Courses (12 cr)

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>HED 201</td>
<td>Women and Health</td>
</tr>
<tr>
<td>HED 300</td>
<td>Seminar: Selected Topics in Health (1-3 cr)</td>
</tr>
<tr>
<td>HED 301</td>
<td>Mental Health for the Health Educator</td>
</tr>
<tr>
<td>HED 304</td>
<td>Death and Dying</td>
</tr>
<tr>
<td>HED 311</td>
<td>AIDS and Society</td>
</tr>
<tr>
<td>HED 470</td>
<td>Fieldwork (1-3 cr)</td>
</tr>
<tr>
<td>HED 480</td>
<td>Independent Study in Health Education (1-3 cr)</td>
</tr>
<tr>
<td>PEDCO 380</td>
<td>Foundations of Physical Fitness</td>
</tr>
<tr>
<td>POLSC 261</td>
<td>Drugs and US Policy</td>
</tr>
<tr>
<td>WOMST 496.03</td>
<td>Inservice: Reproductive Rights Education Project</td>
</tr>
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<td>Student Internship Seminar</td>
</tr>
</tbody>
</table>

Recommended Liberal Arts Concentration (18 credits)

Students who are interested in teaching in the elementary school and who may choose to pursue a master’s degree in elementary education as a way of obtaining permanent certification in health education, are urged to take 18 credits in one liberal arts subject. A concentration in a liberal arts subject is an admission requirement for master’s degree programs in elementary education in N.Y.S. It is recommended that the concentration be in a subject taught in the elementary and/or secondary schools (mathematics, science, an area of social studies*, a foreign language or English) so as to strengthen the student’s application for employment as a teacher in both elementary and secondary schools.

The Teacher Education Sequence (16 credits) (See the Education Section of the catalog for further details.) Admission to the sequence requires completion of all developmental coursework, ENGL 120 and completion of 45 credits with a GPA of 2.5.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>EDF S 200</td>
<td>Human Development: Focus on Adolescents in Secondary Education 3 cr,</td>
</tr>
<tr>
<td>EDF S 201</td>
<td>Social Issues for Teachers in Secondary Schools 3 cr,</td>
</tr>
<tr>
<td>EDF S 202</td>
<td>Educational Psychology: Applications to Secondary Education 3 cr,</td>
</tr>
<tr>
<td>EDC S 210</td>
<td>Secondary School Learning Environments 3 cr,</td>
</tr>
<tr>
<td>EDC S 406</td>
<td>Supervised Student Teaching in Health Education K-12 4 cr,</td>
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</table>

Health Education Minor Students majoring in a liberal arts subject who wish to minor in health education should meet with an advisor from the health education program to arrange an appropriate course of study.

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<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HED 100</td>
<td>Contemporary Health Concepts</td>
</tr>
</tbody>
</table>

HED 201 Women and Health 3 hrs, 3 cr. An exploration of health issues affecting women, particularly as these issues relate to the socialization of women, reproductive and sexual health, and medical practices.

HED 301 Mental Health for the Health Educator 3 hrs, 3 cr. The effects of normal and abnormal behavior on interpersonal relationships; analysis and promotion of positive mental health practices through classroom experiences.

HED 303 Consumer Health 3 hrs, 3 cr. A consumer’s perspective for determining credibility and validity of health services and products.

HED 304 Death and Dying 3 hrs, 3 cr. An exploration of the dying process and death. Topics include: death as a natural process; learning to cope with the death of loved ones; and the prospect of one’s mortality.

HED 305 Sex Education 3 hrs, 3 cr. An overview of human sexuality through affective processes with an emphasis on social and cultural influences, and the role of family and school in sexuality education.

HED 306 Drugs and Drug Dependencies 3 hrs, 3 cr. The nature of addiction and dependency. The course focuses on social learning theory and the role of family, school, and community in drug prevention education.

HED 309 The School Health Program 3 hrs, 3 cr. Pre or Coreq: HED 100, NFS 141, COMHE 310. HED 305, HED 360, HED 351, English 120; GPA of 2.5. An introduction to the school health curriculum, including health services that are offered to children and health topics mandated by the New York State Education Department in grades K-12.

HED 310 Methods of Teaching Health Education K-12 3 hrs, 3 cr. Prereq: EDFS 200, 201; Pre or Coreq: EDFS 202, EDSC 210. The role, scope, and content of health education, with emphasis on planning health instruction for schools with culturally and linguistically diverse students, as well as students with different ability levels. Lab experiences in NYC public schools.

HED 311 AIDS and Society 3 hrs, 3 cr. This course examines components of the HIV/AIDS epidemic through an interdisciplinary perspective. It considers the connections between the human experience of health and illness and the beliefs in the larger world in which they exist.

HED 314 Health Education of Children 3 hrs, 3 cr. Prereq: ENGL 120. The preparation of the elementary educator to assist children in grades K-6 in making decisions for optimum health and human functioning. Emphasis on drug education, family living, sex education, H.I.V./AIDS education, nutrition & safety, child abuse and neglect.

HED 351 Safety Education and Emergency Care 3 hrs, 3 cr. An approach to persons in need of emergency medical care, emphasizing basic life supports, and 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 permission of health ed coordinator. An opportunity for majors to become involved in off-campus or a community learning experience which complements their professional preparation as health educators.

HED 480 Independent Study in Health Education 1-3 hrs, 1-3 cr. An exploration in an area of special interest with faculty guidance. Topic to be approved by advisor.

HED 490 Honors in Health Education 3 hrs, 3 cr. Prereq: GPA of 3.5 in major; general GPA of 2.8; completion of 24 cr in major. An in-depth study of a selected health area.

PEDCO 380 Foundations of Physical Fitness 3 hrs, 3 cr. An introductory course in principles and methods of physical fitness development. Emphasis on cardiovascular and muscular endurance, strength, and flexibility development.

PHYSICAL EDUCATION—BS

The department offers a physical education degree program 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, sports medicine, etc.—apart from teaching should elect the BS degree in physical education for non-teachers.

*Areas accepted by New York State as Social Studies are: History, Political Science, Economics, Sociology, and Cultural Anthropology.
BS in Physical Education—Teaching
Coordinator: Arlene Seguine
West Building room 104, phone 772-4639

Core Courses (21 cr) PEDCO 250, 251, 349, 350, 351, 352, 353.
Activity Leadership (12 cr) PEDCO 130, 131 or 135, 148, 210, 212, 213, 220, 221, 225 and 245.
Science Requirement (13 cr) BIOL 120 and 122 (9 cr) (fulfills distribution requirement with approval from department chair) and ANTH 101 Human Evolution (4 cr); EDFS 200, 201, 202, 210; PEDCO 315, 398, 399.
Education Sequence (27 cr) EDF S 200, 201, 202; EDCS 210; EDUC 376, EDUC 476. To qualify for EDUC 376 majors must have a GPA of at least 2.8 in major courses and an overall GPA of at least 2.5.
Distribution Requirement (44-52 cr) Student must complete the distribution requirement as prescribed for all undergraduate students in the BS curriculum. Within category VI (Social Sciences), the physical education major must take PSYCH 100 and 150.
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.) Students are also strongly encouraged to take STAT 113 and HED 351.

BS in Physical Education—Nonteaching
Coordinator: Thomas Burke West Building room 1128, phone 772-4640

Core Courses (21 cr) PEDCO 250, 251, 349, 350, 351, 352, 383, PEDCO 315, PEDCO 398, PEDCO 399.
Activity Leadership (12 cr) PEDCO 130, 131 or 135, 148, 210, 212, 213, 220, 221, 225, 245, 470. 1 cr swimming and 2 cr required elective activities.
Science Requirement (13 cr) BIOL 100 and 102 (fulfills distribution requirement) or BIOL 120 and 122 (9 cr) (fulfills distribution requirement with approval from department chair) and ANTH 101 Human Evolution (4 cr).
Distribution Requirement (41 to 55 credits)
Elective Tracks (15 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 and PEDCO 470.
Coaching and Administration
PEDCO 360, 361, 381, SOC 217, and HED 351
Physical Fitness Leadership
PEDCO 380, 452, 470, HED 351, and NFS 141
Adapted Physical Education
PEDCO 383, 452, 470, 480, and EDSPC 700
Gerontological Studies
PEDCO 340, 341, 342, and 470, HED 304, EDFDN 363
Health
HED 100, 200, 305, and 306

Note: All physical education majors must earn a grade of C or better in each theory course or repeat the course, and must maintain a B or better average in activity leadership courses.

COURSE LISTINGS

Theory Courses (These courses are for majors but are open to other students by permission of the instructor or department chair.)

PEDCO 251 Principles of Physical Education 3 hrs, 3 cr. Principles and purposes of modern physical education programs.
PEDCO 315 Methods of Teaching Physical Education in the Elementary School 3 hrs, 2 cr. Application of concepts of learning, and strategies of teaching interfaced with videographing the learning/teaching process (K-12).
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. Prereq: BIOL 120 and 122. Physiological and neuromuscular mechanisms in exercise.
PEDCO 353 Biomechanics 3 hrs, 3 cr. Prereq: PEDCO 250 and ENGL 120. Application of mechanical principles to the analysis of human movement.
PEDCO 383 Adapted Physical Education 3 hrs, 3 cr. Background, objectives, and specific curriculum features of physical education and recreation programs for the handicapped child.
PEDCO 398 Practicum in Elementary Physical Education 2 hrs, 2 cr. Prereq: 12 cr in major. Coreq: PEDCO 315. Field observation and learning of elementary school physical education programs.
PEDCO 450 Introduction to Research and Measurement 3 hrs, 3 cr. Recom. coreq: STAT 113. For upperclassmen. Selection and use of tests and measurements in school programs.
MVMT 200 Introduction to Microcomputing in the Movement Sciences 2 hrs, 2 cr. Prereq: ENGL 120. Microcomputer applications in movement science research. MS DOS, Word Processing, BASIC programming and menu driven applications are introduced.
MVMT 460 Seminar: Topics in Human Movement 2 hrs, 2 cr. Prereq: MVMT 450 and 6 cr of 300-level courses or perm instr. Readings and discussion on selected topics or problem areas in human movement.

Elective Offerings

PEDCO 340 The Aging Process 3 hrs, 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 population in various settings.
PEDCO 380 Organization and Administration of Physical Education Programs 3 hrs, 3 cr. Administrative theory and its application.
PEDCO 381 Psychology of Coaching 3 hrs, 3 cr. Psychological dimensions of coaching sports.
PEDCO 580 Foundations of Physical Fitness 3 hrs, 3 cr. Principles and methods of developing physical fitness programs.
PEDCO 451 Workshop in Physical Education 1-3 hrs, 1-3 cr. Prereq: 12 cr in the major or perm instr. Workshop-type course in selected area of physical education not covered in existing courses.

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 physical education majors only)

PEDCO 100 Swimming 2 hrs, 1 cr.

PEDCO 130 Folk and Square Dancing 2 hrs, 1 cr

PEDCO 131 Social Dance 2 hrs, 1 cr

PEDCO 135 Modern Dance 2 hrs, 1 cr

PEDCO 148 Yoga 2 hrs, 1 cr

PEDCO 210 Basketball 2 hrs, 1 cr

PEDCO 211 Softball 2 hrs, 1 cr

PEDCO 212 Volleyball 2 hrs, 1 cr

PEDCO 223 Soccer 2 hrs, 1 cr

PEDCO 221 Track & Field 2 hrs, 1 cr

PEDCO 222 Tennis 2 hrs, 1 cr

PEDCO 220 Gymnastics 2 hrs, 1 cr

PEDCO 245 Personal Physical Development 2 hrs, 1 cr

Plus 2 elective courses

Physical Activity Card All physical education majors entering Hunter College must submit a proof of 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.

Uniforms All students enrolled in physical education classes must wear sneakers or other appropriate footwear. In most physical education classes shorts, T-shirts, and/or sweat pants are recommended and/or required.

Basket and Uniforms Rental The Department of Health and Physical Education has a voluntary rental plan that is available to all participants in physical education and recreation programs. For a non-refundable fee of $15.00 per semester, the department will provide a storage basket, towel, T-shirt, shorts, socks, laundry service, full-length dressing locker during use of facilities, and for men, an athletic supporter. Each student must provide his/her own footwear, which can be stored in the security basket, along with the uniform equipment.

For a fee of $5.00 per semester, we will provide: a lock and storage basket, a towel with laundry service, and a full-length dressing locker during use of facilities.

Lockers Lockers are available for use on the B2 level of the West building. Lockers for physical education classes are to be used on a daily basis only.

**ELECTIVE PHYSICAL EDUCATION COURSES**

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 300 Advanced Life Saving 2 hrs, 1 cr. Prereq: PEDCO 201 or perm instr

PEDCO 400 Aquatic Leadership 2 hrs, 2 cr. Prereq: HED 351 and PEDCO 300

Combatives

PEDCO 115 Fencing 2 hrs, 1 cr

PEDCO 117 Karate (Tai Kwon Do) 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 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 144 Aerobics 2 hrs, 1 cr

PEDCO 145 Fitness and Weight Control 2 hrs, 1 cr

PEDCO 146 Individual Physical Education 2 hrs, 1 cr. For students needing modified programs.

PEDCO 147 Weight Lifting and Weight Training 2 hrs, 1 cr

PEDCO 148 Yoga 2 hrs, 1 cr

Individual and Dual Sports

PEDCO 164 Tennis 2 hrs, 1 cr

PEDCO 165 Intermediate Tennis 2 hrs, 1 cr

PEDCO 170 Rhythmic Gymnastics 2 hrs, 1 cr

PEDCO 171 Racquetball 2 hrs, 1 cr

PEDCO 172 Handball 2 hrs, 1 cr

PEDM 167 Men’s Gymnastics 2 hrs, 1 cr

PEDW 166 Women's Gymnastics 2 hrs, 1 cr

Team Sports

PEDCO 175 Basketball 2 hrs, 1 cr

PEDCO 176 Soccer 2 hrs, 1 cr

PEDCO 179 Volleyball 2 hrs, 1 cr

MINORS IN EDUCATION

Students may enroll in one of the following minors. These minors will not lead to certification. Several course sequences that fulfill a minor are listed below.

**Minor in Elementary Education (Pre K-6): QUEST (12 cr)**

Coordinator Prof. Kimberly Kinsler, West Building room 1000, 772-4623

Students who cannot or do not wish to complete the 36-credit collateral major in elementary education may take a 12-credit minor, but will not qualify for New York State certification for teaching upon its completion. The admission requirements for the minor are the same as for the collateral major. (See the QUEST description above.)

The education requirements for the minor are: QST B 202; QST B 202.01; QST A 401, QST A 401.01; and any two other courses in the QUEST program.

**Minor in Counseling (15 cr)**

This program is not currently being offered.

The counseling minor introduces the student to basic principles of counseling, knowledge of community settings in which counseling
occurs, and specific skills in interviewing and counseling. Many pre-professional jobs in group homes, substance abuse programs, nursing homes and centers for the developmentally disabled are available for students with such skills. Students are required to meet with the program advisor before entering the program.

The recommended sequence of courses for this minor is: COUNS 301, 302, 411, 405, 421.

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 and must complete the collateral major prior to graduation. They 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.

Kappa Delta Pi Students become eligible for membership in the Iota Alpha Chapter of Kappa Delta Pi, the national honor society for education, when they meet the following criteria: 3.2 GPA, with an education index of 3.5 after 12 credits or 3.7 after 11 credits or 4.0 after 9 credits in education. Applications are available in room 1000, West Building.

COURSE LISTINGS

Educational Foundations and Counseling Programs

EFDN 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.*

EFDN 400 Seminar: Special Topics 3 hrs, 3 cr. Current critical issues in education.

EFDN 401, 404 Workshop: Special Research or Project 1 hr, 1 cr each.

EFDN 402, 405 Workshop: Special Research or Project 2 hrs, 2 cr each.

EFDN 403, 406 Workshop: Special Research or Project 3 hrs, 3 cr each. Independent project in an approved setting.

EDF S 200 Human Development: Focus on Adolescents in Secondary Education 3 hrs, 3 cr. Coreq: EDF S 201. Cognitive, emotional, personality, social, and physical development from childhood through adolescence, with a particular focus on adolescence. Two hours of classwork at Hunter College, one hour of fieldwork in a secondary school.


EDF S 202 Educational Psychology: Applications to Secondary Education 3 hrs, 3 cr. Pre- or Coreq: EDF S 200. Basic educational psychology covering the characteristics of the learner, learning theories and applications, and the instruction process as applied to the secondary setting. Two-hour class, one hour of tutoring or mentoring students at Hunter College or a nearby high school.

Counseling Courses


COUNS 301 Fundamental Principles of Counseling 2 hrs + hrs TBA, 3 cr. Prereq: Jr/Sr only. Introduction to a variety of counseling orientations. Relating client goals to specific counseling approaches.*

COUNS 302 Fundamentals of Community Counseling 2 hrs + field visits to community agencies, 3 cr. Prereq: Jr/Sr only. Study of functions and procedures of community facilities: emphasis on team approach in coordination of services to client.*

COUNS 400 Workshop: Special Research or Project 3 hrs, 3 cr. Independent project in approved setting.*

COUNS 405 Fundamental Principles of Vocational Guidance 2 hrs + field visits, 3 cr. Prereq: COUNS 301. Jr/Sr only. Meaning of work in society; factors related to vocational choice; employment interviewing, training, job placement.*

COUNS 411 Principles of Interviewing 2 hrs + individual supervision, 3 cr. Prereq: COUNS 301; Jr/Sr only. Understanding use of skills through supervision of assigned interviews.*

COUNS 421 Field Experience in Community Counseling 4 hrs + group supervision offered through weekly class meetings, 3 cr. Prereq: COUNS 405, 411, and perm dept. Assignment to community facility. Student functions as pre-professional counselor with application of skills previously developed.*

Curriculum and Teaching

EDC S 210 Secondary School Learning Environments 3 hrs, 3 cr. Pre- or Coreq: EDF S 200, 201. 202. Establishment of effective learning environments, with a focus on learner/teacher dynamics, group process, and classroom management.

* A requirement has been added that students must earn a grade of C or better in each didactic course and a grade of B or better in each fieldwork course in order to continue in the program after completion of 12 credits of the sequence. Students who earn a grade of D in a didactic course or a grade of C in a fieldwork course will be required to repeat these courses. A course may only be repeated once. Students who receive a grade of F in a didactic course or a grade of D or F in a field work course may not repeat these courses or continue in the collateral major.
EDC S 211 Reading Materials for Young Adults 3 hrs, 3 cr. Prereq: EDF S 200, 201; Coreq: EDF S 202. Familiarizes prospective teachers with a wide variety of young adult literature and appropriate methodology for selecting and teaching materials based on their students' special needs, interests, abilities, styles of learning, and multicultural backgrounds. Offered Fall only.

EDC S 301 Methods of Teaching English in Secondary Schools 3 hrs, 3 cr. Prereq: EDF S 200, 201, 202, 18 credits in English; Coreq: EDC S 210, 211. Familiarizes prospective English teachers with the curriculum materials, instructional approaches, innovative teaching techniques, and evaluative procedures. Offered Fall only.

EDC S 302 Methods of Teaching a Foreign Language 3 hrs, 3 cr. Prereq: EDF S 200, 201, 202, 18 credits in a foreign language; Coreq: EDC S 210. Theory and research in proficiency-based second language teaching and their practical applications. Offered Fall only.

EDC S 303 Curricular Issues and Teaching Methods in Secondary Mathematics 3 hrs, 3 cr. Prereq: EDF S 200, 201, 202, 18 credits in college level mathematics, including two calculus courses; Coreq: EDC S 210. Issues and problems in teaching mathematics to secondary school students in a multicultural setting; teaching strategies that emphasize problem solving/ critical thinking/applications; ways to diagnose/remediate. Offered Fall only.

EDC S 304 Methods of Teaching Secondary School Science 3 hrs, 3 cr. Prereq: EDF S 200, 201, 202, 18 credits in science; Coreq: EDC S 210. Rationale and methodology for teaching science based on current theories of the nature of students, science, and secondary schooling. May not be offered every year. Offered Fall only.

EDC S 305 Methods of Teaching Secondary School Social Studies 3 hrs, 3 cr. Prereq: EDF S 200, 201, 202, 18 credits in social studies (history, cultural anthropology, economics, geography, political science, or sociology) of which 12 credits must be in history; Coreq: EDC S 210. Rationale, methodology, and resources for teaching social studies based on current theories of the nature of students, social studies, and secondary schooling. Offered Fall only.

EDCS 406 Supervised Student Teaching Health Education K-12* 4 cr. Supervised observation and student teaching in grades 7-9 and 10-12 for no less than 275 clock hours. 15 hours of seminar plus conferences. Prereqs: EDFS S 200, 201, 202; EDCS S 210; HED S 310.

EDCS 421 Supervised Student Teaching of English in Grades 7-9 and 10-12 15 hours of seminar plus 275 hours of fieldwork, 4 cr. Prereq: EDF S 200, 201, 202; Pre or Coreq: EDC S 210, 211, 301. Supervised observation and student teaching in grades 7-9 and 10-12 for no less than 275 clock hours; 15 hours of seminar plus conferences. Offered Spring semester only.

EDCS 422 Supervised Student Teaching of a Foreign Language in Grades 7-9 and 10-12 15 hours of seminar plus 275 hours of fieldwork in foreign language, 4 cr. Prereq: EDF S 200, 201, 202; Pre or Coreq: EDC S 210, 303. Supervised observation and student teaching in grades 7-9 and 10-12 for no less than 275 clock hours; 15 hours of seminar plus conferences. Offered Spring semester only.

EDCS 423 Supervised Student Teaching of Mathematics in Grades 7-9 and 10-12 15 hours of seminar plus 275 clock hours of fieldwork, 4 cr. Prereqs: EDF S 200, 201, 202; Pre or Coreqs: EDC S 210, 303. Supervised observation of student teaching in grades 7-9 and 10-12 for no less than 275 clock hours; 15 hours of seminar plus conferences. Offered Spring semester only.

EDCS 424 Supervised Student Teaching of Science in Grades 7-9 and 10-12 15 hours of seminar plus 275 clock hours of fieldwork, 4 cr. Prereq: EDF S 200, 201, 202; Pre or Coreq: EDC S 210, 304. Supervised observation of student teaching in grades 7-9 and 10-12 for no less than 275 clock hours; 15 hours of seminar plus conferences. Offered Spring semester only.

EDCS 425 Supervised Student Teaching of Social Studies in Grades 7-9 and 10-12 15 hours of seminar plus 275 clock hours of fieldwork, 4 cr. Prereq: EDF S 200, 201, 202; Pre or Coreq: EDC S 210, 304. Supervised observation of student teaching in grades 7-9 and 10-12 for no less than 275 clock hours; 15 hours of seminar plus conferences. Offered Spring semester only.

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 6. For PE majors only.

EDUC 352 Introduction to Art Education 3 hrs, 3 cr. Plus hours to be arranged for field work. An introduction to the philosophical and social foundations of art education. Field experience in diverse settings — elementary schools, museum education programs, and community centers.

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 375 See HED 310.


EDUC 380* Methods of Teaching a Subject (MUSIC) in Secondary Schools 3 hrs, 3 cr. Prereq: EDFDN 261, 272; coreq: EDFDN 362. Aims, problems, and methods of teaching a subject on the secondary level.

EDUC 400 Seminar In Special Topics in Educational Theory 3 hrs, 3 cr. Prereq: Jr/Sr with 15 cr. in education. Reading, discussion, and papers on significant topics in educational theory.

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 hr, 3 cr. each. Independent project in an approved educational setting. Reports and conferences regarding educational activity.

EDUC 460 Supervised Student Teaching (ART) in Secondary Schools 12 hrs (180 clock hours), 6 cr. Prereq: EDFDN 261, 272, 362; EDUC 360; 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 student teaching in fall semester must apply during previous March. Watch for announcement of application conference.

EDCS 406 Supervised Student Teaching in Health Education K-12. A total of 225 hours of fieldwork. 15 hours of seminar plus conferences. Prereq EDF 200, 201, 202; EDCS 210; HED 310. Note: Applicants for student teaching in fall semester must apply during previous March. Watch for announcement of application conference.

EDUC 476 Supervised Student Teaching (PHYSICAL EDUCATION) in Secondary Schools 12 hrs (180 clock hours), 6 cr. Prereq: EDFDN 261, 272, 362; EDUC 376, 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 student teaching in fall semester must apply during previous March. Watch for announcement of application conference.

EDUC 480* Supervised Student Teaching (MUSIC) in Secondary Schools 12 hrs (180 clock hours), 6 cr. Prereq: EDFDN 261, 272, 362; EDUC 380, 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 student teaching in fall semester must apply during previous March. Watch for announcement of application conference.

EDUC 490 Honors Course in Educational Research 2 hrs, 2 cr. Prereq: full education sequence including student teaching; 3.5 G.P.A. in education courses and cumulative G.P.A. of 2.5. Individual research in education. Admission by permission of the chairperson.

*Not currently offered
QUEST Courses

QST A 401 Reading in Elementary School 1 2 hrs, 2 cr. Coreq: QST A 401.1, QST B 202, QST B 202.1. Basic concepts, methods and resources used to teach reading to children, Pre-K through grade 8.


QST A 404.1 Visual Arts and the Curriculum 3 hrs, 3 cr. The study of the visual arts content, instructional techniques, and materials and their relationship to the urban elementary school curriculum.

QST A 404.2 Music and the Curriculum 3 hrs, 3 cr. The study of music content, instructional techniques, and materials, and their relationship to the urban elementary curriculum.

QST A 404.3 Movement Education for Children in the Elementary School 3 hrs, 3 cr. The study and observation of movement activities and related instructional techniques in the context of the urban classroom.

QST A 405 Technology in Education 1 hr lecture, 2 hrs lab. 2 cr. Research application of technologies that have an impact on education (e.g., computers, television, interactive video, etc.)


QST A 415 Student Teaching 252 hrs. of field placement, + conferences, + 15 hrs. of seminar. 4 cr. Prereq: QST B 202, QST B 202.1, QST A 401, QST A 401.1, QST A 414, QST A 414.1, QST A 412, QST A 412.1, QST B 413, QST B 413.1, QST A 406 and QST A 406.1, QST B 417, QST B 417.1, QST A 410, QST A 410.01, QST B 403, QST A 405, and any one of the following three: QST A 404.01, 2, 3. Practice teaching in an elementary classroom under faculty supervision.

* A requirement has been added that students must earn a grade of C or better in each didactic course and a grade of B or better in each fieldwork course in order to continue in the program after completion of 12 credits of the sequence. Students who earn a grade of D or lower in a didactic course or a grade of C or lower in a fieldwork course will be required to repeat these courses. A course may only be repeated once. Students who receive a grade of F in a didactic course or a grade of D or F in a field work course may not repeat these courses or continue in the collateral major.

** Not currently offered.
Energy and Environmental Policy Studies

Program Office West Building room 1148, phone 772-4158
Director Jeffrey Oslan

Coordinating Committee Erickson (Political Science), Greenberg (History), Johnston (Urban Affairs), Landsman (Philosophy), Niman (Curriculum and Teaching), Poppendieck (Sociology), Goldsmith (Geology and Geography), Randall (Economics), Shahn (Biological Sciences), Shay (Mathematics), Oslan (Geology and Geography)

Advisor Jeffrey Oslan

Energy and Environmental 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 and environment 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 and environmental-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.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. The DR code applies for all EEPS courses. To determine access codes for other courses listed here consult the relevant departmental listings.

Collateral Major Students who choose the 18-credit collateral major, which leads toward a BA degree, must complete 2 core courses (EEPS 101, 201) and the research seminar (EEPS 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 and Environmental Policy Studies credits to replace a minor concentration.)

Minor The 12-credit minor consists of 2 core courses (EEPS 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 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, NYC Department of Environmental Protection).

Course Listings

EEPS 101 The Human Uses of Energy 3 hrs, 3 cr. Offered D/FA. Principles of energy; energy and social change in agricultural and industrial societies; historical and contemporary problems.
EEPS 201 Policy Problems of Energy 3 hrs, 3 cr. Offered D/Sp. Techniques and tools used by policy planners. Social, economic, political, and ethical aspects of energy policy-making both nationally and internationally.
EEPS 301, 302 Independent Study in Energy Policy Studies 3 cr each sem. Prereq: perm. independent. Independent reading or research project carried out under faculty guidance. Independent study project will normally involve a fairly extensive term paper.
EEPS 481 Seminar in Energy Policy Studies 3 hrs, 3 cr. Prereq: EEPS 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.
EEPS 498.01 to 06 Inservice Learning Program 1-6 cr. Prereq: perm dir. Opportunities for work off-campus in institutions involved in formulation and/or implementation of energy policy.

Courses that Qualify for the Major:

ANTHC 725 Sex and Gender in Anthropological Perspective
ANTHC 308 Cultural Ecology
ECO 355 Industrial Organization and Social Control of Business
ECO 395 Selected Topics: Energy, Economics, and Policy
ECO 755 Business Enterprise and Public Policy
EDUC 400 Seminar in Special Topics: Workshop in Energy Curriculum Materials Development

GEOL 105 Save the Planet: Introduction to Environmental Geoscience
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 223 Environmental Conservation: Resource Management
GEOG 226 Environmental Conservation: Urban Problems
GEOG 274 Regional Geography of Middle East and North Africa
GTECH 321 Remote Sensing of the Environment

HIST 376.51 Middle East Today
HIST 383/483 Problems in American History: The Industrial Revolution
HIST 774.52 The Corporation in American Society
HIST 774.75 Technology and Social Change
MEDIA 399.61 Mass Media and Nuclear Power
PHIL 118 Philosophy, Politics, and Society
PHILO 246 Social and Political Philosophy
PHILO 378.52 Questions of War and Peace

POLS 217.4 Politics of Nuclear Crisis
POLS 235 Middle Eastern Government
POLS 265 Government and Politics in the Middle East
POLS 272 Politics of Nuclear Power
POLS 273.75 International Politics of the Middle East

SCI 101 Foundations of Science
SCI 102 Foundations of Science
SCI 300 Nature and Limitations of Science

SOC 235 Community Organization and Action
SOC 325.65 Sociological Perspectives on Food and Hunger
SOC 421.7 Power Strategies: Citizen Organizations and Social Issues in Energy

URBS 401 Managing the Urban Physical Environment
URBP 273 Introduction to Urban Design
URBP 725 Infrastructure and Site Planning
URBP 726 Site Planning Workshop
URBP 734 Environmental Planning
URBP 736 Energy Planning and Policy Seminar
And any other new or selected-topic courses approved by the Energy Policy Studies program director.

Refer to the graduate catalog for descriptions of 700-level courses.
Students considering graduate study in English 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, Black and Puerto Rican Studies, classics, communications, comparative literature, foreign languages, history, music, philosophy, religion, theatre and film, and women's studies.

I. Concentration in British Literature

This program gives a thorough grounding in British literature and allows considerable choice among specific courses. Students may include courses in comparative literature, writing, or other areas of special interest. The 24 credits required for this concentration include:

1. ENGL 393 (Western Literary Backgrounds of British and American Lit.) 3 cr. (HUM 380, The Western Tradition, may be substituted for ENGL 393 with the approval of the undergraduate advisor.)

2. ENGL 335 (Chaucer) 3 cr.

3. ENGL 352, 353, or 354 (Shakespeare) 3 cr.

4. Two courses in British literature before 1800 (exclusive of Shakespeare) 6 cr.

5. Three additional 300- or 400-level courses, at least one of which is in American literature. One of the other 2 courses may be in the history and structure of the English language or in writing or in comparative literature. 9 cr.

II. Concentration in American Literature

The courses in American literature reflect the diversity of American culture. Students also study major British authors who have influenced American literature.

The required courses include:

1. ENGL 393 (Western Literary Backgrounds of British and American Lit.) 3 cr. (HUM 380, The Western Tradition, may be substituted for ENGL 393 with the approval of the undergraduate advisor.)

2. ENGL 352, 353, or 354 (Shakespeare) 3 cr.

3. ENGL 335 or 361 (Chaucer or Milton) 3 cr.

4. Four courses in American literature. At least 2 courses must be in writers before 1900. 12 cr.

5. One additional course in British literature. 3 cr.

III. Concentration in Writing

Students in this concentration study British and American literature but also develop their own capacity to create original works. 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.

1. Literature (12 cr)

A. ENGL 393 (Western Literary Backgrounds of British and American Lit.) 3 cr. (HUM 380, The Western Tradition, may be substituted for ENGL 393 with the approval of the undergraduate advisor.)
B. ENGL 352, 353, or 354 (Shakespeare) 3 cr.

C. Two additional 300- or 400-level courses in British or American literature (except ENGL 389) 6 cr. Students are strongly urged to select one literature course in the genre in which they are specializing.

2. Writing (12 cr)

Four courses chosen from 300-level writing workshops (such as ENGL 301, 308, and 309, essay writing; ENGL 311, 313, 314, and 316, fiction and poetry; THEA 376, playwriting; and FILM 376, screen writing). Qualified students may, with permission of the undergraduate advisor, use ENGL 485, the tutorial writing project, as one of the 4 writing courses.

IV. Major/Minor for Secondary School Teachers

This special major/minor prepares students to teach English in secondary schools. Together with the requirements of the Division of Programs in Education, this program meets certification and licensing requirements for New York State and New York City public schools. Students take courses in literature, writing, and language study as preparation for teaching in secondary schools, which are increasingly concerned to develop fluent speakers, readers, and writers of English.

The required courses are:

1. ENGL 201 (Intermediate Expository Writing) or ENGL 218 (Advanced Expository Writing) 3 cr.

2. ENGL 352, 353, 354 (Shakespeare) 3 cr.

3. One additional 300-level course in British literature 3 cr.

4. ENGL 393 (Western Literary Backgrounds in British and American Lit.) 3 cr. (or HUM 380 with the approval of the undergraduate advisor.)

5. Two 300-level courses in American literature. 6 cr.

6. ENGL 301 (Theory and Practice of Exposition) 3 cr.

7. ENGL 331 (Structure of Modern English) 3 cr.

8. One course in spoken language (group discussion, argument and persuasion: creative dramatics, acting, etc.) 3 cr.

9. One course in the study of the language (sociolinguistics, history of the English language, language and culture, semantics, language of critical thinking, etc.) 3 cr.

10. One course with a non-western focus, selected with the approval of the undergraduate advisor. 3 cr.

11. Two additional courses (300- or 400-level), selected with the approval of the undergraduate advisor, from the following departments: English, Communications, Theatre & Film, Anthropology (linguistics), Classics, Comparative Literature, Black and Puerto Rican Studies (literature courses), foreign languages (advanced literature courses or literature in translation) 6 cr.

V. Concentration in Cross-Cultural Literature in English

Students will focus on cross-cultural literatures in English written during the past three hundred years. They will also read works of European and British literature which have had a major influence on world literature in English.

Because of the great variety of literatures represented in this concentration, and the importance of related course offerings in other departments (e.g. Black and Puerto Rican Studies, Women's Studies, Romance Languages, and Comparative Literature), students must consult with an advisor to plan a program of study.

The required courses include:

1. ENGL 393 (Western Literary Backgrounds of British and American Literature) 3 cr. (HUM 380, The Western Tradition, may be substituted for ENGL 393 with the approval of the undergraduate advisor.)

2. ENGL 352, 353, or 354 (Shakespeare) 3 cr.

3. ENGL 320 (Multicultural American Literature) or 325 (Post-Colonial Literature) 3 cr.

4. Two additional 300- or 400-level courses in British or American Literature, one of which must be before 1885. 6 cr.

5. Three 300- or 400-level courses that include substantial selections from cross-cultural literature written in English. With the approval of the advisor, students may use one course from another department or program (such as Black and Puerto Rican Studies, Comparative Literature, and Women's Studies) toward this requirement. 9 cr.

Departmental Honors: Two related requirements must be met by a student in order to qualify for departmental honors: the Honors Seminar (ENGL 494) and the honors essay. The honors essay will normally be written in relation to the Honors Seminar and under the supervision of the professor teaching that seminar. A student who completes these requirements successfully and achieves a GPA in major courses of at least 3.5 and a cumulative GPA of at least 2.6 at the time of graduation will be awarded departmental honors.

Note: The Honors Seminar requirement (ENGL 494) is in addition to the specified courses in the student's particular major concentration. Students interested in departmental honors should see the undergraduate advisor.

Minor: Twelve 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. Students must have at least one 300-level course and no more than 2 100-level courses for the minor.

Four-year Dual BA/MA Program in English: For a limited number of outstanding students, the department offers a 4-year, Dual BA/MA program in English. Designed principally for incoming freshmen, the program may be completed in 125-128 credits of college work (95-98 undergraduate, 30 graduate). Requirements include the ability to read a foreign language, a comprehensive examination, and a master's essay. Graduate work begins in the junior year. Interested students should consult the program's 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 level (see English Language Arts) or at the secondary level (see section IV above).
COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

Developmental Courses

ENGL 001 Reading I 3 hrs, 1 cr. Placement test required. Basic comprehension: main idea, detail, inference, vocabulary. Study skills.

ENGL 002 Reading II 3 hrs, 2 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. 1 cr. Placement test required. Frequent writing: emphasis on basic grammar, sentence structure, vocabulary, idiom.

ENGL 004 English for Bilingual Students II 6 hrs + conf. 1 cr. Placement test required. Frequent paragraphs and essays: organizing, correcting grammar and sentence structure.

ENGL 005 English for Bilingual Students III 3 hrs + conf. 2 cr. Placement test required. Frequent essays: organizing ideas, revising, improving sentence variety, idiomatic structure.

ENGL 014 Writing Workshop I 3 hrs + conf. 1 cr. Placement test required. Frequent writing and editing practice: special attention to standard written English forms.

ENGL 015 Writing Workshop II 3 hrs + conf. 2 cr. Placement test required. Frequent essay practice: organizing, revising, proofreading for grammar and punctuation.

Literature: Introductory and Intermediate Courses

ENGL 220 Introduction to Literature 3 hrs + conf. 3 cr. Prereq: ENGL 120. Close readings in British and American fiction, drama and poetry designed to increase students' understanding and appreciation of literature. Sections with a multicultural component are designated in the Guide and Schedule of Classes with an asterisk. PREREQUISITE TO ALL ENGL COURSES NUMERATED ABOVE 220.

ENGL 250 Topics in Literature* 3 hrs, 3 cr. Specific critical and thematic approaches to selected works in British and American literature. Sections with a multicultural component are designated in the Guide and Schedule of Classes with an asterisk. May be taken twice if topic differs, but not more than twice.

ENGL 252 Literary Analysis* 3 hrs, 3 cr. 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. Chronologically arranged readings in English literature from the medieval period through the 17th century.

ENGL 254 Survey of English Literature II* 3 hrs, 3 cr. Chronologically arranged readings in English literature from the 18th century through the Victorian period.

Writing

ENGL 120 Expository Writing 3 hrs + conf. 3 cr. Prereq: successful completion of remedial courses, if required. Required of all students unless exempt; trains students to analyze, develop, and evaluate ideas and to express themselves clearly and effectively.

ENGL 201 Intermediate Expository Writing Using Small-group Methods 3 hrs, 3 cr. Prereq: ENGL 120. Additional practice in expository writing; small classes (5-10).

ENGL 218 Advanced Expository Writing 3 hrs, 3 cr. Prereq: ENGL 120. Frequent writing practice, with emphasis on clarity, style, and organization.

ENGL 301 Theory and Practice of Expository Writing* 3 hrs, 3 cr. Composition in variety of nonfiction prose forms and study of rhetorical theories.

ENGL 308 Essay Writing I* 3 hrs, 3 cr. Theory and practice of nonfiction writing. Focus on short essay.


ENGL 310 Workshop in Fiction I* 3 hrs, 3 cr. Theory and practice of fiction writing.

ENGL 311 Workshop in Fiction II* 3 hrs, 3 cr. Prereq: ENGL 310 or perm instr. Advanced theory and practice of fiction writing.

ENGL 312 Workshop in Poetry I* 3 hrs, 3 cr. Theory and practice of writing poetry.

ENGL 316 Workshop in Poetry II* 3 hrs, 3 cr. Prereq: ENGL 314, or perm instr. Advanced theory and practice of writing poetry.

Language and Literature: Advanced Courses

ENGL 306 Literary Criticism* 3 hrs, 3 cr. Major theories of literature from Aristotle to the present, with emphasis on contemporary trends.


ENGL 321 Studies in African-American Literature* 3 hrs, 3 cr. Selected works by African-American writers will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration.

ENGL 324 Studies in Native-American Literature* 3 hrs, 3 cr. Selected works by Native-American writers will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration.

ENGL 325 Post-Colonial Literature in English* 3 hrs, 3 cr. A study of post-colonial narratives written in English by writers from a number of different countries or regions, including India, the Caribbean, Egypt, West Africa, and Pakistan.

ENGL 327 Studies in Caribbean Literature* 3 hrs, 3 cr. Selected works by Caribbean writers will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration.

ENGL 329 Special Topics in Cross-Cultural Literature in English* 3 hrs, 3 cr. Selected works by authors of cross-cultural world literature in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration.

ENGL 331 The Structure of Modern English* 3 hrs, 3 cr. Development and present character of English, with emphasis on recent approaches to linguistics.

ENGL 332 History of the English Language* 3 hrs, 3 cr. Study of development of the language to present time.

ENGL 335 Chaucer* 3 hrs, 3 cr. Study of Chaucer, with emphasis on Canterbury Tales.

ENGL 336 Medieval Literature (1100-1500)* 3 hrs, 3 cr. Selected works include examples of epic, romance, satire, allegory, and lyric.

ENGL 337 Literary Aspects of Folklore* 3 hrs, 3 cr. Studies of folktales, ballads, and legends in their relationship to written literature.

ENGL 351 The Age of Elizabeth I* 3 hrs, 3 cr. 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 363 or 354.

ENGL 353 Shakespeare I* 3 hrs, 3 cr. Study of works from first half of Shakespeare's career.

ENGL 354 Shakespeare II* 3 hrs, 3 cr. Study of works from second half of Shakespeare's career.

ENGL 355 Selected Studies in Shakespeare* 3 hrs, 3 cr. Topics vary from semester to semester.

ENGL 360 The 17th Century* 3 hrs, 3 cr. Emphasis on work of John Donne; survey of other poetry and prose (exclusive of Milton).

ENGL 361 Milton* 3 hrs, 3 cr. 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. The theatre of such playwrights as Etheridge, Wycherly, Dryden, Otway, Congreve, Gay, Goldsmith, and Sheridan.
ENGL 364 The Age of Satire* 3 hrs. 3 cr. Poetry and nonfiction prose, chiefly of Dryden, Pope, and Swift.

ENGL 365 The Later 18th Century* 3 hrs. 3 cr. Poetry and nonfiction prose, with emphasis on Johnson, Boswell, and Blake.

ENGL 366 The 18th-centruy English Novel† 3 hrs. 3 cr. Major emphasis on Bunyan, Defoe, Fielding, Richardson, Sterne, and Austen.

ENGL 369 The 19th-century English Novel* 3 hrs. 3 cr. Major emphasis on Dickens, Thackeray, the Brontës, George Eliot, Hardy, and Meredith.

ENGL 370 Romantic Poetry* 3 hrs. 3 cr. Intensive study of 2 or 3 major poets—Wordsworth, Coleridge, Byron, Shelley, Keats.

ENGL 373 Victorian Literature* 3 hrs. 3 cr. Study of such authors as Tennyson, Browning, Arnold, the Rossetti, Swinburne, Carlyle, Ruskin, and Newman.

ENGL 374 20th-century British Poetry* 3 hrs. 3 cr. Study of such poets as Yeats, Lawrence, Auden, Thomas, Hughes, and Larkin.

ENGL 375 20th-century American Poetry* 3 hrs. 3 cr. Study of such poets as Eliot, Pound, Williams, Crane, Frost, and Stevens.

ENGL 376 20th-century British Fiction* 3 hrs. 3 cr. Study of such authors as Conrad, Joyce, Lawrence, Forster, Woolf, Waugh, Beckett, and Lessing.

ENGL 377 20th-century American Fiction* 3 hrs. 3 cr. Study of such authors as Dreiser, Wharton, Fitzgerald, Hemingway, Faulkner, Portor, Warren, O'Connor, Nabokov, and Bellow.

ENGL 378 20th-century British Drama* 3 hrs. 3 cr. Study of such authors as Wilde, Shaw, Yeats, O'Casey, Eliot, Beckett, Osborn, and Pinter.

ENGL 379 20th-century American Drama* 3 hrs. 3 cr. Study of such authors as O'Neill, Wilder, Hellman, Miller, Williams, Hansberry, and Albee.

ENGL 380 Irish Literary Renaissance* 3 hrs. 3 cr. 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. 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. Topics vary from semester to semester.

ENGL 384 Topics in Restoration and 18th-century Literature 3 hrs. 3 cr. Topics vary from semester to semester.

ENGL 385 Topics in 19th-century Literature* 3 hrs. 3 cr. Topics vary from semester to semester.

ENGL 386 Topics in British and American Literature* 3 hrs. 3 cr. Topics vary from semester to semester.

ENGL 387, 388 Selected Studies in British Literature* 3 hrs, 3 cr. Prereq: ENGL 220 and 3- or elective course in English. 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 390 Topics in 20th-century Literature* 3 hrs. 3 cr. Selected works from the 20th century originally written in English will be studied in relation to a special theme, technique, theoretical issue, or cultural consideration.

ENGL 393 Western Literary Backgrounds of British and American Literature* 3 hrs. 3 cr. Major works of Western literature in translation. Required of all English majors. Should be taken early in the major.

ENGL 394 World Literature: Drama* 3 hrs. 3 cr. 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. Study of major figures of colonial and romantic periods in relation to their times.

ENGL 396 American Prose (1871-1914)* 3 hrs. 3 cr. Study of such authors as Twain, Howells, James, Dreiser, Crane, and Wharton.

ENGL 397 American Poetry to 1914* 3 hrs. 3 cr. 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. Authors or topics vary from semester to semester.

ENGL 482 Special Studies Seminar 1 hr. 1 cr.

ENGL 483 Special Studies Seminar 2 hrs. 2 cr.

ENGL 484 Special Studies Seminar 3 hrs. 3 cr. Perm instr. Topics in British and American literature or linguistics.

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 instr. Topics in British and American literature and linguistics. May be taken a second time in another subject.

ENGL 498 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.

English Language Arts

Advisor: Harvey Minkoff
West Building room 1201
Committee: DeSalvo (English), Taharally (Curriculum & Teaching), Smith (Curriculum & Teaching), Minkoff (English), Ayravainen (Communications), Sternberg (Theatre)

English Language Arts is not a department, but an interdisciplinary program 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 and/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 concerns as second-language learning, dialect variations, and beginning reading instruction.

Course Access Codes: Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. Check department listings for courses that make up the English Language Arts major. For an explanation of the codes see Course Access Codes section of this catalog.

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)

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

*Courses so marked require ENGL 220 as prerequisite.
Geology and Geography

Department Office  North Building room 1006, phone 772-5265

Chair  Keith C. Clarke
University Professor  S.B. Cohen
Professors  Clarke, Crane, Goldsmith, Heatwole, Oseelb, Rodriguez
Associate Professors  Ahearn, Liebling, McLafferty, Scherp
Assistant Professor  Miyares
Advisors  See Department Office

The department offers courses in geology, human geography, physical geography, and geographic techniques and methods. Students may major in geography and minor in either geography or geology. These areas provide preparation for both 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 can provide a well-rounded program of environmental studies.

Revisions in the curricula within the Department of Geology and Geography are currently underway which may involve modifications in course access codes, prerequisites, numbering, sequencing and/or other requirements. Courses marked with an asterisk (*) show changes pending approval of the Hunter College Senate. Please consult with the department office for up-to-date information and requirements.

Course Access Codes  Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. Code DX applies to all courses in the Department of Geology and Geography; in addition, code DW applies to all 300- and 400-level courses in the department. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement  GEOL 101 and 102 and PGEOG 130 may be used to fulfill the science and mathematical sciences (Category I) requirement. GEOG 101, 221, 226 may be used to fulfill the social sciences requirement (Category VI), as may GEOG 251 or 260 (but not both). Courses used to satisfy the requirements for a major cannot be used to satisfy the distribution requirement. No more than 6 credits of the minor may be offered toward the distribution requirement.

PROGRAM IN 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.

Major in Geography  (30 cr)  The major in geography consists of a minimum of 30 credits as follows: 18 cr. in GEOG 101, GEOG 221, one regional geography class; PGEOG 130; GTECH 100 and GTECH 102; a minimum of 6 credits selected from 200-level courses with a PGEOG, GTECH, GEOG, or GEOL prefix; and a minimum of 6 credits selected from 300-level courses with a PGEOG, GTECH, or GEOG prefix, except GEOG 391, GEOG 392 and GEOG 393. (Subject to HC Senate approval.)
It is recommended, but not required, that geography majors use GEOL 101 and GEOL 102 to satisfy a portion of Category I of the Distribution Requirement.

**Minors** Geography majors may minor in a wide variety of fields but must secure permission from their major advisor. No more than 6 of the 12 credits needed for a minor may be applied to the distribution requirement. For students preparing to become social studies teachers at the secondary level, the secondary education sequence is an appropriate minor. For students wishing to concentrate in the areas of geomorphological studies, environmental geology or environmental geoscience, it is recommended that a minor in geology, composed of 200- and 300-level GEOL courses, be selected and appropriate courses from cognate fields be used to satisfy distribution and elective credit requirements. For information concerning approved courses in the minor, students should consult a departmental advisor.

**Honors Work and Individual Study** To be graduated with departmental honors, a major in the geography program must be admitted to GEOG 490 and have a 3.0 cumulative GPA and a 3.5 GPA in the major. GEOG 391, 392, and 393 also offer students the opportunity of undertaking individual research in geography.

**Energy and Environmental Policy Studies Program** The department participates in the interdepartmental program in Energy and Environmental Policy Studies. For information concerning the geography and geology components of the program consult a departmental advisor.

**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 211, 221, 227, 242, 341, GTECH 100, 301, 360.

**PROGRAM IN GEOLOGY**

As of November, 1994, the department no longer offers a major in geology and will not admit new geology majors to the existing program. Current geology majors have until the end of the Spring 1997 semester to finish their degree requirements. These students are bound by the requirements in effect at the time they were admitted into the geology major program and should consult the appropriate catalog as they complete these requirements. A schedule of required course offerings is available in the department office.

A minor in geology will continue to be offered and consists of 12 credits selected and approved by the student's major department. If after taking a number of geology courses at Hunter, a student wishes to concentrate in geology, it is recommended that the student transfer to a unit of CUNY offering a geology major or take courses on permit at other CUNY units as elective credits.

The department will continue to offer Distribution Requirement Category I courses GEOL 101 and GEOL 102.

**GENERAL INFORMATION FOR BOTH PROGRAMS**

**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** Several courses offer students an opportunity to study geography and geology in the field: GEOG 210, GEOL 210, and GTECH 350 offered either before or after summer session; and GEOG 211, and GEOG 211 offered on weekends (consult Schedule of Classes). In addition to the regular field courses, special topic field courses are offered periodically, and fieldwork is conducted in connection with a number of the other courses.

**Graduate Study** Graduate-level courses may be taken for credit toward the bachelor's degree by highly qualified seniors. Written permission must be obtained from the department chair.

**Inservice Program** Inservice Learning (GEOG 498, GEOL 498) provides opportunities for qualified majors and minors in both geography and geology to work in positions of responsibility in professional institutions while earning from 1 to 4 academic credits. See a departmental advisor for details.

**PREPARATION FOR SECONDARY SCHOOL TEACHING**

In cooperation with the Division of Programs in Education, the department provides opportunities for students to prepare for teaching earth science, and for teaching social studies in secondary schools. Students who want to meet the certification requirements for teaching in secondary schools in the State of New York should consult the Education section of this catalog.

**Teaching Earth Science in Secondary Schools** To qualify for NYS certification and NYL licensing to teach earth science, students are advised to include in their undergraduate program the following areas of study: a minor in geology, the prerequisites for calculus, astronomy, and the introductory course sequences in physics, chemistry and biology. Courses in physical geography, especially weather and climate, are desirable.

**Teaching Social Studies in Secondary Schools** Geography majors planning to teach social studies should see the History section of this catalog for required coursework in Social Sciences.

See the Education section of this catalog for other requirements. Additional information concerning preparation for teaching can be obtained in the office of Educational Services, Room 1000 W.

**COURSE LISTINGS**

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

Field work requiring an additional fee for transportation may be required in any course and will be collected prior to the trip by a departmental representative.

**Geology**

GEOL 101 Fundamentals of Geology 6 hrs (3 lec, 3 lab), 4.5 cr. Offered every sem. Plate tectonic theory; volcanism; earthquakes; continental drift; mountain-building. Mineral deposits, fossil fuels. Erosional processes, agents. Hazards. Lab: study of minerals, rocks, maps. Field trips may be required: transportation fee.

GEOL 102 Plate Tectonics and the Earth's Evolution 5 hrs (3 lec, 2 lab), 4 cr. Prereq: GEOL 101. Offered every sem. 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 105 Save the Planet 3 hrs, 3 cr. Prereq: ENGL 120. Offered D/Fa '95, E/Fa '96. Introduction to environmental geoscience focusing on aspects of global change. Review of the evolution of the earth from its origins to potential future developments; environmental problems and issues.

GEOL 154 Gems and Semi-Precious Stones 2 hrs, 2 cr. Offered on demand. 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 '96, E/Sp '97. 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. Meets weekends. Offered on demand. Basic field methods: Field study and geologic mapping of local features. Brunton compass. Structure sections from field data. Students may register for each different itinerary. Fee for transportation, room, and food allowance required.

GEOL 211 Field Geology of New York City and Vicinity 90 hrs field and lab work, 3 cr. Prereq: GEOL 101 or equiv. Meets weekends. Offered on demand. Basic field methods: Field study and mapping of local features. Brunton compass. Introduction to plate tectonics and alluvial. Transportation fee required.

GEOL 220 Geologic Interpretation of Maps and Aerial Photographs See GTECH 220.

GEOL 231 Principles of Geomorphology See PGEOG 231.

GEOL 233 Geology of North America 4 hrs (2lec, 2lab), 3 cr. Prereq: GEOL 102. Offered on demand. Regional study of principal structural units and geomorphic features of continent with emphasis on US.

GEOL 242 Invertebrate Paleontology 5 hrs (3lec, 2lab), 4 cr. Prereq or coreq: GEOL 102. Offered D/Fa '95, E/Fa '96. 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 244 Sedimentology 4 hrs (2lec, 2lab), 3 cr. Preq: GEOL 102. Offered D/Sp '96. The origin, dispersal, deposition, and burial of natural physical, chemical, and biochemical sediments and the rocks that formed them.

GEOL 248 Principles of Stratigraphy 4 hrs (2lec, 2lab), 3 cr. Preq: GEOL 102. Offered D/Sp '97. The study of layered rocks and their distribution in space and time with the objective of reconstruction of earth history; stratigraphic data; sedimentary environmental models; litho-, magneto-, seismic, bio-, and chronostratigraphy; stratigraphic methods; plate tectonics and stratigraphy.

GEOL 252 Elements of Mineralogy 6 hrs (2lec, 4lab), 4 cr. Prereq: GEOL 101; or coreq: college chemistry or perm inst. Offered F/Sp '95, E/Fa '96. Principles of crystal chemistry and mineral structure. X-ray diffraction. Mineral structure models.

GEOL 252 Structural Geology 5 hrs (3lec, 2lab), 4 cr. Preq: GEOL 102 or perm inst. Offered D/Fa '95. Architecture of crust. Crustal movements and their causes. Local and regional analysis of force pattern. Geologic maps; cross sections; fieldwork.

GEOL 280 Marine Geology 5 hrs (3lec, 2lab), 4 cr. Prereq: GEOL 102 or perm inst. Offered D/Fa '96. Morphology of ocean floor. Genesis and distribution of marine sediments. Use of geophysical and oceanographic data.

GEOL 332 Hydrology 3 hrs, 3 cr. Prereq: GEOL 101, PGEOG 130, or perm instr. (Credit may be earned for either GEOL or PGEOG 332, but not both.) Offered on demand. Examination of the storage and flux of water on and near the earth's surface; problems of water supply, quality, and management.

GEOL 351 Optical Mineralogy 6 hrs (2lec, 4lab), 4 cr. Prereq: GEOL 252 or perm inst. Offered E/Sp '96, D/Sp '97. Optical properties of crystals. Polarizing microscope used to measure optical variables in fragments and thin sections of minerals. For the purpose of identification.

GEOL 352 Petrology (Rocks and Rock Minerals) 4 hrs (2lec, 2lab), 3 cr. Prereq: GEOL 252. Offered D/Sp '96. 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 (2lec, 2lab), 3 cr. Prereq: GEOL 351 and 352 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 (2lec, 2lab), 3 cr. Prereq: GEOL 102 and 352. Offered on demand. Origin, occurrence, distribution, and use of minerals, fuels, and building materials of earth's crust. Transportation fee for field work.

GEOL 362 Petroleum Geology 6 hrs (2lec, 4lab), 4 cr. Prereq: GEOL 244 or 248 or 262 or perm instr. Offered on demand. Origin, migration, and occurrence of petroleum. Types of reservoirs and traps. Well logging techniques. Exploration.

GEOL 363 Hydrogeology 4 hrs (2lec, 2lab), 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 366 Geophysics 5 hrs (3lec, 2lab), 4 cr. Prereq: GEOL 252 and PHYS 120 or 121 and MATH 150 or perm instr. Offered F/Sp '95, D/Fa '96. Application of seismic, gravity, magnetic, and electrical methods to study of subsurface geology. Data collection, reduction, and interpretation.

GEOL 368 Geochemistry 5 hrs (3lec, 2lab), 4 cr. Prereq: GEOL 252 or perm instr. Offered on demand. Study of the chemical composition and evolution of the earth's crust, atmosphere, and seawater. Application of concepts to geology and environmental problems.

GEOL 370 Microcomputer Applications in Geology See GTECH 370.

GEOL 391 Special Topics in Geology and Oceanography 1 or 2 hrs (1lec or 2lab), 1 cr. Prereq: the 200- level course of which special topic is logical outgrowth and perm dept. Offered on demand. Intensive course in various aspects of geology or oceanography. Topics to be announced.

GEOL 392 Special Topics in Geology and Oceanography 2 or 3 hrs (2lec or 1lec and 2lab), 2 cr. Prereq: the 200- level course of which special topic is logical outgrowth and perm dept. Offered on demand. Intensive course in various aspects of geology or oceanography. Topics to be announced.

GEOL 393 Special Topics in Geology and Oceanography 3 or 4 hrs (3lec or 2lec and 2lab), 3 cr. Prereq: the 200- level course of which special topic is logical outgrowth and perm dept. Offered on demand. Intensive course in various aspects of geology or oceanography. Topics to be announced.

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 geology majors 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 undergraduate advisor.

Physical Geography

PGEOG 130 Weather and Climate 5 hrs (3lec, 2lab), 4 cr. Offered every sem. Principles of meteorology and climatology; elements of weather; current weather analysis; weather maps; forecasting; patterns and characteristics of world climate, climatic change.


PGEOG 231 Principles of Geomorphology 4 hrs (2lec, 2lab), 3 cr. Prereq: GEOL 101. Offered on demand. Study of landforms and their evolution. Emphasis is placed on topographic expression of geologic structures and features.
PGEOG 322 Coastal Geomorphology 3 hrs. 3 cr. Prereq: GEOL 101 or perm instr. Offered E/Fa. A study of the basic processes shaping the coast and the resulting forms: surficial morphology and internal geometry of such forms as cliffs, dunes, beaches, and nearshore bars. Map exercise and 2 one-day field trips.

PGEOG 332 Hydrology 3 hrs. 3 cr. Prereq: GEOL 101, PGEOG 130, or perm instr. (Credit may be earned for either PGEOG or GEOL 332 but not both.) Offered on demand. Examination of the storage and flux of water on and near the earth's surface; problems of water supply, quality, and management.

PGEOG 333 Coasts of the World 3 hrs. 3 cr. Prereq or coreq: PGEOG 232 or perm instr. Offered on demand. Applications of the principles of coastal geomorphology to specific coastal areas. Emphasis on a variety of settings including the coasts of the US, Mediterranean, Africa, and China.

Geographic Techniques and Methods

GTECH 100 Introduction to Mapping Sciences 4 hrs (2 lec, 2 lab). 3 cr. Prereq: ENGL 120. Offered E/Fa, D/Sp. A survey of the basic principles of cartography, map design, use and map data analysis in the classroom, laboratory and field. Transportation fee for field work.

GTECH 102 Computer Literacy for the Geosciences 1 hr, 1 cr. Offered every semester. Introduction to the use of computers for geoscience applications. Meets alternate weeks for 2 hours.

*GTECH 220 Geologic Interpretation of Maps and Aerial Photographs 3 hrs (1 lec, 2 lab), 2 cr. Prereq: GEOL 101 and GTECH 100. Offered on demand. Use of topographic maps and air photos to study and recognize geologic features. Geologic maps. Cross sections.

*GTECH 260 Fundamentals of Geographic Information Systems 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GTECH 100 and GTECH 102, or proven basic computer literacy, to be determined by consultation with the instructor. Offered D/Sp. The basic principles and operation of GIS are covered: computerized systems for the capture, storage, management, analysis and display of geographically referenced data and its attributes. Examples and case studies; hands-on experience with a simple microcomputer-based GIS software package.

GTECH 280 Production Cartography 6 hrs (2 lec, 4 lab), 4 cr. Prereq: GTECH 100. Offered on demand. Thematic mapping theory and advanced techniques. Production of black and white and color separations. Combines manual and computer methods.

GTECH 301 Quantitative Methods in Geography 3 hrs, 3 cr. Prereq: GTECH 100 or perm instr. Jr/Sr standing. GTECH 102 recommended. Offered D/Fa. Process of spatial analysis. Application of scientific methods to geographic systems research; sampling; distribution measurement; statistical analysis of spatial data.

GTECH 320 Air Photo Interpretation 6 hrs (2 lec, 4 lab), 4 cr. Prereq: GTECH 100. Offered D/Sp '96. Techniques of aerial photograph interpretation. Interpretation sequence: direct measurement; methodology.

GTECH 321 Remote Sensing 6 hrs (2 lec, 4 lab), 4 cr. Prereq: GTECH 100 and Jr/Sr standing or perm instr. GTECH 102 recommended. Offered D/Fa '95; E/Fa '96. Remote sensing systems (multi-spectral, signature ID; digital image analysis), theory and applications.

GTECH 322 Advanced Image Interpretation 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GTECH 321 or perm instr. Offered D/Sp '96; E/Sp '97. Project-oriented course in interpretation of air- and space-borne (infrared, radar, and LANDSAT) imagery.

GTECH 350 Field Topographic Surveying 90 hrs of field and lab work (1 day lab and 10 days fieldwork), 3 cr. Prereq: GTECH 100 and perm instr. Offered summer intersession; check with Dept. In Apr. Field use of surveying equipment. Notebook and computer data collection relating to horizontal and vertical location on the landscape. Field record-keeping and preliminary analysis of results. Fee for transportation, accommodations and food allowance required.

*GTECH 360 Geographic Information Systems 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GTECH 260. Offered E/Fa '95; D/Fa '96. Theoretical and practical aspects of geographical information systems (GIS) are covered in detail. Laboratory use of advanced GIS software.

*GTECH 370 Microcomputer Applications in Geology 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GTECH 102 and at least one 200-level GEOL course. Offered on demand. Use of microcomputers in collection, analysis, and presentation of geological data. Systems and programs currently in use in government and industry.

GTECH 380 Analytical and Computer Cartography 4 hrs (2 lec, 2 lab), 3 cr. Prereq: GTECH 100, GTECH 102 recommended. Offered D/Sp. Role of computer in contemporary mapping: theoretical issues and practical mapping assignments, using cartographic software.

Geography

GEOG 101 People and Their Environment 3 hrs, 3 cr. Offered every sem. 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 on demand. Interpretation of geographic influences on current global political, social, and economic problems.

GEOG 150 World Regional Geography 3 hrs, 3 cr. Prereq: ENGL 120. Offered D/Fa. A survey of the world's major regions. Geographic concepts and principles are used to study the physical, economic, social and political conditions and problems in the culturally diverse world. Spatial expression of culture; specialized behavior patterns; adaptations and way of life in distinct environments. Regional interdependence; implications for development.

GEOG 210 Elementary Field Geography 90 hrs field and lab work (1 evening lab and 10 days fieldwork), 3 cr. Prereq: GEOG 101 or equiv and perm instr. Offered intersession June or Aug; check with Dept. In Apr. Field study of interrelationships of physical environment and settlement of land by people. Students register for each different itinerary. Fee for transportation, room, and food allowance required.

GEOG 211 Field Geography of New York City and Vicinity 6 hrs, 3 cr. Prereq: GEOG 101. Meets weekends. Offered on demand. Field study of urban and suburban land use. Population distribution; economic activities; transportation facilities. Field mapping. Transportation fee required.

GEOG 221 Economic Geography 5 hrs (3 lec, 2 lab), 4 cr. Prereq: GEOG 101 or perm instr. Not open to freshmen. Offered E/Fa '95; D/Fa '96. Geographic factors influencing economic activity. Spatial organization of society. Location theories are stressed. Locational and commodity flow; regional economic development.


GEOG 242 Medical Geography 3 hrs, 3 cr. Prereq: GEOG 101 or perm instr. Offered D/Sp '96. An examination of the geographic distribution of health and disease, the spread of disease through space and time, and the spatial organization of health services.

GEOG 251 Geography of the United States and Canada 3 hrs, 3 cr. Prereq: GEOG 101 or perm instr. Offered D/Sp '97. Analysis of the relationship of natural environment to economic, social, and political life of North America. Emphasis on US.

GEOG 260 Geography of New York State 3 hrs, 3 cr. Prereq: GEOG 101 or perm instr. Offered on demand. Analysis of relationship of natural environment to economy and settlement pattern of the state. Land use, environmental problems.

*GEOG 270 Regional Geography of Mexico, Central America and the Caribbean 3 hrs, 3 cr. Offered D/Fa '95. 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 D/Fa '96. Analysis of relationship of natural environment to economic, social, and political life of South America.
German

Department Office  West Building room 1405, phone 772-4980
Chair  Dorothy James
Professor  James
Associate Professors  Kuhn-Osius, Kym, Sullivan
Advisors (day and evening)  A. Kym, K.E. Kuhn-Osius, M.C. Sullivan

The Department of German offers courses in the language, literature, and culture of German-speaking countries.

Courses in the German language are offered at the elementary (100), intermediate (200), and advanced (300) level. Courses in German literature and culture, taught in German, are offered at the 300-400 level. The entire language and literature curriculum is designed to guide beginners in the language through well-defined levels of proficiency in speaking, reading, writing, and comprehension to the point of college-level literacy in German. The proficiency-testing system used in the department makes it possible to place students who have prior knowledge of the German language in the sequence at the level most appropriate to their needs.

The goals of the elementary and intermediate courses which fulfill the foreign language requirement are:
1. To give all students a real ability to function in everyday situations in the German language.
2. To create a solid linguistic base for the further study of German at the advanced level.

The goals of the advanced language, literature, and culture courses are:
1. To impart knowledge and understanding of German literature and civilization, past and present.
2. To develop students' comprehension of spoken and written German to the level of understanding the classics of German prose, drama, and poetry.
3. To build students' capacity for intellectual discourse in written and spoken German.

Courses are also offered in German literature in English translation for students who have no knowledge of the German language. These courses may not be used to fulfill the foreign language requirement, nor may they be applied towards the German major.

Course Access Codes  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DX and DW apply to GERMN 240, 350-379, and 479. For an explanation of the codes see Course Access Codes section of this catalog.

Foreign Language Requirement
1. Students who begin German as a new language will fulfill the foreign language requirement by taking 12 credits in the required courses: GERMN 101-102 (or 103), 201-202 (or 203).
2. Students who enter with 1 year of high school German must take 9 crs: GERMN 102, GERMN 201-202 (or 203).
3. Students who enter with 2 years of high school German must take 6 crs: GERMN 201-202 (or 203).
Interdisciplinary Courses

HUMANITIES AND THE ARTS

Interdisciplinary courses in humanities and the arts have been developed by 2 or more departments to consider subjects from several points of view. In addition to the courses listed below, other areas have been explored as special topics—for example, "Surrealism in Art and Literature" and "Opera on the Stage." For further information about HUM 110, contact the Department of Philosophy. For further information about HUM 150-381, contact the Office of the Dean of Humanities and the Arts, West Building room 1410.

The distribution requirement for humanities and the arts (Category V) may be fulfilled by HUM 201 (Group 1) and HUM 110 (Group 2).

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DR and DY apply to HUM 110; codes DX and DW apply to HUM 201, 360, and 381; and codes that apply to special topics, HUM 150, 250, and 350, will be determined in accordance with the departments sponsoring the courses. For an explanation of the codes see Course Access Codes section of this catalog.

COURSE LISTINGS

HUM 110 The Map of Knowledge 3 hrs, 3 cr. 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 150 Introductory Topics in Humanities and the Arts 3-6 hrs, 3 cr. Prereq: in accordance with departments sponsoring the course. Specific topics will be listed in the Schedule of Classes for a given semester.

HUM 201 Explorations in the Arts 3 hrs, 3 cr. 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 250 Intermediate Topics in Humanities and the Arts 3-6 hrs, 3 cr. Prereq: in accordance with the departments sponsoring the course. Specific topics will be listed in the Schedule of Classes for a given semester.

HUM 350 Advanced Topics in Humanities and the Arts 3-6 hrs, 3 cr. Prereq: in accordance with the departments sponsoring the course. Specific topics will be listed in the Schedule of Classes for a given semester.

HUM 380 The Western Tradition I 3 hrs, 3 cr. Study of the Western humanistic tradition focusing on literature, art, and philosophy from classical antiquity to the Renaissance.

HUM 381 The Western Tradition II 3 hrs, 3 cr. Prereq: ENGL 120. Study of the Western humanistic tradition focusing on literature, art, and philosophy from the Renaissance to the present.

SCIENTES AND MATHEMATICS

The following course has been developed by the Division of Sciences and Mathematics for non-majors to fulfill the laboratory science component of Category I of the distribution requirement. It is especially recommended for students intending to teach in elementary or secondary schools.

Course Access Codes Codes DM, DP, DX, and DW apply to SCI 101; SCI 102 is a prerequisite to SCI 102. For an explanation of the codes see Course Access Codes section of this catalog.

SCI 101, 102 Foundations of Science 6 hrs, 4.5 cr each semester. SCI 101 offered Fa, SCI 102 offered Sp. A study of the nature of science following the historical development of such major concepts as the laws of planetary motion, Newton's laws, the atomic theory, and evolution. Lectures are accompanied by labs and frequent writing assignments.

SCI 200 Introduction to Biomedical Research 2 hrs, 1 cr. does not fulfill distribution requirement; not credit 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/MARC) programs, although open to all qualified students. Seminars/lectures include research opportunities with participating faculty in MBRS/MARC programs; 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. Visiting scientists will discuss their research. Term paper required. May be repeated up to 4 times.

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 interdisciplinary courses, contact the Social Science Division's office, West Building room 1711, phone 772-5520.

None of the interdisciplinary courses in the social sciences may be used toward the distribution requirement.

Course Access Codes Code DR applies to all interdisciplinary courses in the social sciences. For an explanation of the codes see Course Access Codes section of this catalog.

COURSE LISTINGS

SOSCI 197 Introductory Topics in the Social Sciences 3 hrs, 3 cr. Not offered at all times. Specific topic will be listed in Guide and Schedule of Classes for given semester.


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 297 Special Topics in Social Sciences 3 hrs, 3 cr. Prereq: variable. Not offered at all times. Specific topics will be listed in Schedule of Classes for given semester.

SOSCI 397 Studies in the Social Sciences 3 hrs, 3 cr. Prereq: variable. Not offered at all times. Specific topics will be listed in Schedule of Classes for given semester.

SOSCI 401 Seminar in the Social Sciences 3 hrs, 3 cr. Prereq variable. Not offered at all times. Specific topics will be listed in Schedule of Classes for given semester.

SOSCI 498 Inservice Variable hrs, 1 to 6 cr. Placement in appropriate off-campus settings on an individual basis.

HEALTH SCIENCES

Course Access Codes Codes DR and DY apply to SHS 200. For an explanation of the codes see Course Access Codes section of this catalog.

SHS 200 may not be used toward the distribution requirement.

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.
Jewish Social Studies

Program Office  West Building room 1546, phone 772-5542
Chair  Robert M. Selitzer
Coordinating Committee  Friedman (Hebrew), Honig (Economics), Moses (Urban Affairs), Getzall (Social Work), Schlesinger (Sociology), Seiger (Theatre), Selitzer (History)

The interdisciplinary specialization in Jewish Social Studies 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. Students must fulfill one of the following: 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. There is opportunity to receive academic credit for fieldwork with a Jewish community agency and for summer study programs in Israel.

Course Access Codes  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. The DR code applies for all JSS courses. To determine access codes for other courses, consult the relevant department listings.

REQUIRED OF ALL MAJORS

a. Jewish history 6 cr chosen from the following:
   HIST 210 History of Judaism
   HIST 309 Jewish History in the Ancient World 3 cr
   HIST 310 Jewish History in Medieval and Early Modern Periods 3 cr
   HIST 320 Jewish History in the Modern World 3 cr

b. Jewish literature and thought 6 cr chosen in consultation with the chair from such courses as:
   HEBR 261 Masterpieces of Ancient Hebrew Literature in Translation 3 cr
   HEBR 382 Masterpieces of Medieval Hebrew Literature in Translation 3 cr
   HEBR 383 Readings in Modern Hebrew Literature in Translation 3 cr
   HEBR 391 Masterpieces of Yiddish Literature in Translation 3 cr

c. Area of concentration 9 cr chosen in consultation with the chair: present courses include such courses as:
   HIST 142 The Holocaust: An Introduction 3 cr
   HIST 357 American Jewish History 3 cr
   HIST 384 Problems in History (on a Jewish studies topic) 3 cr
   POLS 264 Government and Politics of Israel 3 cr
   HIST 740 Modern Jewish Social and Intellectual History 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 6 cr to be arranged, 3-6 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 instr 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. 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.

Latin American and Caribbean Studies

Program Office  West Building room 1118, phone 772-4285,6

Director  Josh DeWind

LACS Committee  Cartie (Romance Languages), DeWind (Anthropology), Erickson (Political Science), Hammond (Sociology), Green (Sociology), Lees (Anthropology), Poppendeck (Sociology), Randall (Economics), Rodriguez (Black and Puerto Rican Studies), Susser (Anthropology), Turner (History), Yudice (Romance Languages)

Latin American and Caribbean Studies is an interdisciplinary program that offers students the opportunity to learn about the history, culture, politics, society, and economics of the region and the region's relations with the United States. In the context of a growing and dynamic Caribbean and Latin American population in New York City, the program enables students to seek knowledge and an understanding of the origins of these peoples and their settlement in this country.

The specialization in Latin American and Caribbean Studies as a major leading to a BA degree consists of 36 credits: 24 core credits for the major and 12 credits for the minor. The core courses for the major 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 or with a member of the Latin American and Caribbean Studies Committee serving as an advisor.

The interdisciplinary specialization of the major, combined with the minor's emphasis on a traditional discipline, serves the program's graduates well, whether they choose to seek employment in public or private organizations, to pursue a professional degree, or go on for a graduate degree in the social sciences or humanities.

Internships  The program arranges internships for Hunter College students to work with organizations based in New York City that promote Latin American and Caribbean human rights. During internships, students are expected to enroll in human rights-related courses, which can be used to satisfy core course requirements for the major.
Course Access Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. To take LACS 300 and 400 level courses students must pass the DR code and be a sophomore, junior, or senior.

Major The major requires 24 credits of which 21 come from courses focusing on Latin American and Caribbean topics (no more than 6 credits may be drawn from any one participating department or program) and 3 from the program's seminar (LACS 434).

Minor The 12-credit minor, chosen by the student in consultation with the LACS director, is taken in a department that is a 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's broad interdisciplinary area coverage by providing exposure to the focus and tools of a traditional academic discipline.

Language Requirement Latin American and Caribbean Studies majors are required to demonstrate a reading knowledge of Spanish, Portuguese, or French.

COURSE LISTINGS

Note: Students wishing to register for LACS courses must meet course access requirements described above.

LACS 320 Field Course to Latin America and the Caribbean 3 cr. Research paper before leaving, then intensive, tightly structured on-site observation and investigation.

LACS 434 Seminar in Latin American and Caribbean Studies 3 cr. Open to sophomores, juniors, and seniors who have completed at least 18 credits in LACS or have the instructor’s permission. Interdisciplinary reading, research, and discussion of selected topics involving cultural, economic, political, and social problems. Research paper required. May be repeated for a maximum of 6 cr.

Courses that qualify for the major:

ANTHC 212 People and Cultures of Meso-America
ANTHC 213 People and Cultures of South America
ANTHC 214 People and Cultures of the Caribbean
ANTHC 231 Archeology of Meso-America
ANTHC 232 Archeology of South America and the Caribbean
ANTHC 263 Afro-New World Languages and Culture
ANTHC 401.96 International Migration
ANTHC 401.98 Protection of International Human Rights
BLPR 101 Introduction to Caribbean History
BLPR 102 Latino Communities in New York
BLPR 103 Conquered Peoples
BLPR 141 Puerto Rican Folklore
BLPR 143 Image of Puerto Rican National Identity and Its Literature
BLPR 207 Afro-Caribbean Politics I
BLPR 208 Afro-Caribbean Politics II
BLPR 237 Afro-Caribbean Literature
BLPR 241 Puerto Rican History to 1897
BLPR 242 Puerto Rican History since 1898
BLPR 243 Puerto Rican Culture
BLPR 244 Puerto Ricans in the United States
BLPR 245 Puerto Rican Literature I
BLPR 246 Puerto Rican Literature II
BLPR 247 Puerto Ricans in the US as a Literary Theme
BLPR 248 Caribbean Spanish
BLPR 255 Puerto Rican Child in American Schools
BLPR 270 The Economic History of Puerto Ricans
BLPR 276 The Puerto Rican Family
BLPR 290 Selected Topics in Black & Puerto Rican Studies
BLPR 290.07 Dominican Literature
BLPR 290.35 Dominican Identity
BLPR 308 Contemporary Race Relations of the Caribbean
BLPR 320 African-Caribbean Culture
BLPR 342 Political Nationalism in Puerto Rico
BLPR 351 Major Puerto Rican Figures
BLPR 352 Power Structure in Puerto Rico
BLPR 355 Spanish Afro-Antillean Poetry
BLPR 366 Latino Literature
BLPR 360 Politics in Puerto Rico
BLPR 362 Folk Religion in Puerto Rico
BLPR 387 Puerto Rican Ethnic Politics in New York
BLPR 390 Problems in Black and Puerto Rican Studies
BLPR 390.04 Race Relations in the Caribbean and Latin American Nations
BLPR 403 Development Strategies in the Afro-Caribbean
BLPR 442 History of Puerto Rican Labor Movement

ECON 295.58 Caribbean Economies
ECON 330 Economic Development
ECON 331 Contemporary Economic Systems: Latin America

GEOG 270 Regional Geography of Middle America
GEOG 271 Regional Geography of South America

HIST 337 History of Spain
HIST 371 Colonial Hispanic America
HIST 372 History of Latin America in the 19th and 20th Centuries
HIST 385.53 Human Rights and Basic Needs
HIST 385.55 Human Rights and Humanitarian Interventions

LACS 330.55 Fieldwork in Human Rights (Interns)
LACS 330.56 Advanced Fieldwork in Human Rights (Interns)

MEDIA 387 Third World Images: Media of Resistance
MEDIA 389 Contrasting Media Systems
MEDIA 395 Mass Media in Developing Countries
MEDIA 396 International Communications

MUSHL 231 Folk and Traditional Music
MUSHL 261.56 Black Music in World Culture
MUSHL 261.67 Topics in Music: Caribbean and Latin America
MUSHL 261.76 Women and Music in World Culture
MUSHL 352 Introduction to Ethnomusicology I

POLSC 252 Government and Politics in the Caribbean
POLSC 253 Government and Politics In Latin America
POLSC 262 Government and Politics in Central America
POLSC 271 International Politics in the Americas
POLSC 273.80 Drugs and U.S. Policy
POLSC 372.03 Social Movements and the State in Latin America

FREN 353 Haitian and Afro-French Literature

SPAN 263 Contemporary Spanish-American Literature in Translation
SPAN 264 Contemporary Spanish-American Literature in Translation
SPAN 276 Readings in Modern Spanish-American Literature
SPAN 336 Latin-American Civilization
SPAN 341 Introduction to Hispanic Literature I
SPAN 342 Introduction to Hispanic Literature II
SPAN 360 Spanish-American Literature of the Colonial Period
SPAN 362 Spanish-American Romanticism, Realism and Naturalism
SPAN 364 Spanish-American Modernism and Postmodernism
SPAN 365 Survey of Spanish-American Teatro
SPAN 366 20th Century Latin American Poetry
SPAN 367 Latin American Essay
SPAN 368 20th Century Latin American Narrative
SPAN 371 Special Topics in Spanish-American Literature
SPAN 491 Honors Course in Spanish: Special Studies in Contemporary Latin American Literature

SOC 307 Sociology of Migration
SOC 325.02 Sociology of Human Rights: Violation and Protection
SOC 325.06 Latin American Societies
SOC 361 Social Change in Developing Societies

And any other new or selected-topic courses approved by the Latin American and Caribbean Studies director.
Mathematics and Statistics

Department Office  North Building room 1230J phone 772-5300
Dolciani Mathematics Learning Center  North Building room 300 phone 772-5371
Chair  Richard Churchill
Professors  Baider, Bendersky, Churchill, Croom, Roitberg, Williams
Associate Professors  Baranchik, Binkowski, Cherkas, Chess, Clarkson, Jambois, Loustau, Matthews, Peluso, Shay
Assistant Professors  Connell, Finkelstein, Thompson
Lecturers  Segarra, Small, Soto
Advisors  (evening) John Loustau (day) Thomas Jambois (statistics/graduate) Al Baranchik and Edward Binkowski

The Department of Mathematics & Statistics 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 in mathematics and statistics are also offered.

Course Access Codes* Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Students with a DM code on their records must take MATH 001 before they may register for any other course in the Department of Mathematics & Statistics. Code DM applies to all courses in the Department of Mathematics & Statistics except MATH 001. Code DY applies to MATH 100; codes DR and DY apply to MATH 101 and STAT 113; codes DR and DW apply to MATH 104, 105, and 110; codes DX and DW apply to MATH 190, 290, and all 200- and 300-level STAT courses. For an explanation of the codes see Course Access Codes section of this catalog. You should also refer to the paragraphs on Mathematics Proficiency and the Calculus Readiness Test below.

Distribution Requirement The following courses may be used toward the science and mathematics category of the distribution requirement: MATH 100 (or 104 or 105), 110, 111, 150, 155, 191, STAT 113 (or 213), 212. At most 6 credits used to satisfy the distribution requirement may be credited toward a minor in the department. We suggest, but do not require, that students who are thinking of continuing the study of mathematics or statistics on the doctoral level elect French, German, or Russian to meet the foreign language portion of the distribution requirement.

Credit and Course Exemption The department offers credit or course exemption based on standard examinations such as AP and CLEP. Inquiries should be made at the department office.

Mathematics Proficiency* Upon entering Hunter College, all undergraduates and non-matriculated students must take 2 mathematics proficiency examinations, one mandated by CUNY and the other by Hunter College. Depending on their scores on these ex-

*Revisions in the basic algebra through pre-calculus sequence (MATH 020-MATH 121) are currently underway, which may involve modifications in course access codes. Please consult with the department office for up-to-date information and requirements.

aminations, students may be required to pass the appropriate remedial/developmental course(s), MATH 001 and/or PHYSIC 001, before registering for any other courses in the Department of Mathematical Sciences. Graduate and second-degree students from a 4-year US university may take mathematics courses without proficiency testing.

College Algebra Placement Test The College Algebra Placement Test is a departmental placement examination for placement into the sequence of courses MATH 020, MATH 050, and MATH 120. It is required of students who want to be exempted from MATH 020 or MATH 050. The schedule for this examination is available in the Dolciani Mathematics Learning Center and should be checked well in advance of registration.

Calculus Readiness Test The Calculus Readiness Test is a special departmental placement examination used to determine whether students are proficient in precalculus, algebra, and/or trigonometry. It is required of students who want to be exempted from MATH 120 and/or MATH 121. Passing the examination allows for entry into MATH 150 Calculus I without first completing MATH 120 and 121. Passing MATH 120 or Part I of the examination is also now required by various other departments for entry into certain of their courses. Requests for information about other departments' regulations should be directed to those departments. The schedule for this examination is available in the Dolciani Mathematics Learning Center and should be checked well in advance of registration.

Accelerated BA/MA Program in Mathematics The BA/MA program in mathematics offers promising students the opportunity to complete both the bachelor's and master's degree requirements with a minimum of 125 credits. This program enables the department to work closely with a small number of talented, highly motivated students. These students are offered the opportunity to develop a deeper knowledge of mathematics so that they are prepared to enter even the most demanding doctoral programs. Interested students should contact the department for further information regarding eligibility and curriculum requirements.

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.

Mathematics Major The mathematics major introduces students to the fundamental areas of mathematics and provides some degree of specialization in one or more areas. It trains students in the analytic thinking characteristic of pure and applied mathematics and provides some familiarity with rigorous methods of mathematical proof. All options include a common core curriculum of major courses; advanced electives in the department are chosen in consultation with an advisor according to the student's needs and interests. With appropriate selection of advanced electives, the student will be prepared for employment in a variety of fields or for graduate study in pure or 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 38 credits of coursework, including 8 credits of calculus (MATH 150, 155), 24 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 (24 cr) MATH 211, 250, 254 or 255, 311, 351, C SCI 135, STAT 213 or 311.

Options Some flexibility is possible within each option, but any deviation from the requirement must be approved by the student's advisor. Such approval is not automatic and will depend on the career goals of the student.

Option 1 For students intending to pursue technical careers in business, industry, or government:
Required courses (in addition to the core): MATH 352 or 353; STAT 311 or C SCI 370. Recommended electives: MATH 254, 255, 354, STAT 312, 313, C SCI 355, 485.

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 385, 485, or 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,

Option 4 For students intending to teach in elementary schools:
Any of the above options is appropriate. An alternative requiring permission of the department advisor is an interdisciplinary major including some science courses as well as approved courses within the department. For such a major, core courses would include at least MATH 211, 250, and 311. Elective courses would ordinarily include MATH 291 and 313.

Minor Except for mathematics majors planning to teach in elementary or secondary schools, majors in mathematics ordinarily take as a minor 12 approved credits in one of the following subjects: biological sciences, chemistry, computer science, economics, geology, philosophy, physics, or statistics. However, other minors may also be approved. For students preparing to teach in elementary or secondary schools the minor is education as prescribed by the Division of Programs in Education.

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 used to meet the distribution requirement 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 departmental advisor.

Actuarial Sequence Students interested in actuarial work should take MATH 150, 155, 211, 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 departmental advisor.

Preparation for Secondary School Teaching There is a large and growing demand for mathematics teachers at the junior and senior high school level. Students preparing to teach at this level may pursue Option 3, above. The sequence in secondary education is an appropriate minor for students preparing to teach mathematics at the secondary school level.

Preparation for Elementary School Teaching Students preparing to teach in elementary schools may pursue Option 3 or Option 4 above. The specified minor is elementary education.

Students who wish to qualify for teacher certification at the elementary or secondary level should consult the Education section of this catalog and discuss their plans with advisors in education as well as in mathematics.

COURSE LISTINGS
Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.
Prerequisites: Because of the nature of mathematics, the department recommends that students refrain from enrolling in any course that carries prerequisites unless these prerequisites have been completed with a grade of C or better.

Mathematics*
MATH 001 Arithmetic and Topics in Algebra 3 hrs, 1 cr. Prereq: placement by CUNY Proficiency Examination. Grading is on the CR/NC basis. Whole numbers, fractions, decimals, percents, signed numbers, and introduction to algebra.
MATH 020 Elementary Algebra and Geometry 4 hrs, 1 cr. Prereq: placement by the departmental College Algebra Placement Test. Linear equations, inequalities, polynomials, graphs of linear systems, applied verbal problems, and some geometry.
MATH 050 Intermediate Algebra and Geometry 4 hrs, 1 cr. Prereq: MATH 020 or placement by the departmental College Algebra Placement Test. Inequalities, systems of equations, polynomials, geometry, graphing, and applied verbal problems; roots and radicals, quadratic equations, and rational expressions.
MATH 100 Basic Structures of Mathematics 3 hrs, 3 cr. Not open to students who have completed MATH 104 or 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.

*Revisions in the basic algebra through pre-calculus sequence (MATH 020-MATH 121) are currently underway, which may involve modifications in course access codes. Please consult with the department office for up-to-date information and requirements.
MATH 104 Mathematics for Elementary Education I 3 hrs, 3 cr. Prereq: departmental permission. Fundamental and relevant mathematics as recommended by the NCTM for prospective elementary school teachers, including problem solving, sets, logic, numeration, computation, integers, and number theory. Required of students planning to teach in elementary schools. Not open to other students. Not credited to students who have completed MATH 103, or 100.

MATH 105 Mathematics for Elementary Education II 3 hrs, 3 cr. Prereq: MATH 104 and departmental permission. Continuation of MATH 104. Continuation of the content of the mathematics recommended by the NCTM for prospective elementary school teachers, including probability, statistics, plane and transformational geometry, congruence and similarity. Not credited to students who have completed MATH 100.

MATH 110 Topics in the Mathematical Sciences 3 hrs, 3 cr. Prereq: a college level mathematics or statistics course. Not open to students who have completed MATH 105 or MATH 211. Intended for liberal arts or social science students. Applications of topics selected from algebra, analysis, computer science, geometry, probability, and statistics.

MATH 111 Matrices, Vectors, and Linear Programming 3 hrs, 3 cr. Not open to students who have completed MATH 211. Recommended for accounting students; not recommended for students majoring in mathematics or statistics. Offered D, E/Fa, D/E/Sp. Introduction to matrices and vectors, systems of linear equations, and linear programming with applications.

MATH 120 Functions and Graphs 3 hrs, 3 cr. Prereq: MATH 050 or placement by the departmental Colloge Algebra Placement Test. Not open to students who have completed MATH 150 or its equivalent. Properties of functions and their graphs including linear, polynomial, rational, exponential, and logarithmic functions. Conic sections. Not credited to the distribution requirement.

MATH 121 Further Topics in Functions and Graphs 2 hrs, 2 cr. Prereq: MATH 120 or placement by the Calculus Readiness Test. Not open to students who have completed MATH 150 or its equivalent. Properties and graphs of trigonometric and inverse trigonometric functions. The Law of Sines, the Law of Cosines, polar coordinates and complex numbers.

MATH 150 Calculus with Analytic Geometry I 4 hrs, 4 cr. Prereq: MATH 121 or exemption by the Calculus Readiness Test. Limits, continuity, differentiation and integration of elementary functions and trigonometric functions, applications.

MATH 155 Calculus with Analytic Geometry II 4 hrs, 4 cr. Prereq: MATH 150. Differentiation and integration of transcendental functions, integration techniques, infinite sequences and series, improper integrals, polar coordinates.

MATH 191 Mathematics in Human History 3 hrs, 3 cr. Prereq: ENGL 120 and a college-level mathematics course. Offered E/Sp. An historical treatment of themes in mathematics, probability and statistics, with reference to applications in the arts and humanities and social and physical sciences from ancient times to the present.

MATH 211 Introduction to Linear Algebra 4 hrs, 4 cr. Prereq: MATH 155 and either C SCI 150 or concurrent registration in MATH 250. Vector spaces, linear independence, bases, rank, linear transformations, systems of linear equations, eigenvalues, and eigenvectors.


MATH 255 Vector Analysis 3 hrs, 3 cr. Prereq: MATH 250. Offered E/Sp (odd); D/Sp (even). Not open to students who have completed MATH 352. Line and surface integrals, Green's Theorem, divergence theorem, Stokes' Theorem, generalized coordinates.

MATH 291 History of Mathematics 3 hrs, 3 cr. Prereq: MATH 155. 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 prereq vary with specific topics and will be announced at time of course offering. May be repeated as topics vary, but not more than twice. 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 E/Sp. Introduction to theory of groups and rings.

MATH 312 Abstract Algebra II 3 hrs, 3 cr. Prereq: MATH 311. Offered E/Fa (odd). 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 Fa (even). Congruences, quadratic residues, elementary Diophantine analysis, continued fractions, sums of squares.

MATH 331 Geometries 3 hrs, 3 cr. Prereq: MATH 211. Offered D/Sp (odd). Topics in affine and projective geometry and/or topics in differential geometry.

MATH 340 Topology 3 hrs, 3 cr. Prereq: MATH 351. Offered E/Sp (even). Metric and topological spaces, continuity, homeomorphisms, compactness, connectedness, homotopy, fundamental group.

MATH 351 Advanced Calculus I 3 hrs, 3 cr. Prereq: MATH 211 and either MATH 254 or 255. Offered E/Fa. Rigorous treatment of foundations of calculus, including topology of real line and higher-dimensional spaces. Basic results on continuous functions.

MATH 352 Advanced Calculus II 3 hrs, 3 cr. Prereq: MATH 351. Offered E/Fa. Integration, sequences and series, uniform convergence, differentiation of functions of several variables, inverse and implicit function theorems, formula for change of variables.

MATH 353 Introduction to Complex Variables 3 hrs, 3 cr. Prereq: MATH 255. Offered Fa (odd). Complex numbers, analytic functions, elementary functions, contour integrals, Cauchy integral theory, series.

MATH 370 Mathematical Logic 3 hrs, 3 cr. Prereq: MATH 211. Propositional and first-order predicate calculus; models, validity, probability, consistency, completeness.


MATH 385 Numerical Methods I 3 hrs, 3 cr. Prereq: CSCI 135 and MATH 155, 211. Accuracy and precision, convergence, iterative and direct methods. Topics selected from: solution of polynomial equations and linear systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. This course is cross-listed as CSCI 365 and PHYS 365.

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 D/Fa '96. Functions on Euclidean space, implicit function theorem, Fubini's Theorem, Integration on chains and manifolds.

MATH 455 Numerical Methods II 3 hrs, 3 cr. Prereq: CSCI 385. Advanced topics selected from: solution of equations and systems of equations, curve fitting and function approximation, interpolation, differentiation and integration, differential equations. Major project will be assigned. This course is cross-listed as CSCI 485 and PHYS 485.

MATH 490 Honors Seminar 3 hrs, 3 cr. Prereq: MATH 311, 351, and perm dept.

Statistics

STAT 113 Elementary Probability and Statistics 3 hrs, 3 cr. Not open to students who have completed STAT 213, ECO 221, PSYCH 206, or SOC 241. Students who pass the Calculus Readiness Test or who take calculus should register for STAT 213 instead of 113. 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 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 D/Fa '96. 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. Offered D/Fa '96. ECO 221; PSYCH 206, or SOC 241. Students will not receive credit for both STAT 113 and 213; students passing both courses will receive credit only for STAT 213. Offered D/E/Fa; D,E/Sp. Statistical methods including sampling, estimation, tests and related non-parametric 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 instr. Offered D/Fa. Analysis of variance, simple and multiple regression, nonparametric statistics, statistical model building.


STAT 313 Introduction to Mathematical Statistics 3 hrs, 3 cr. Prereq: STAT 311. Offered D/Fa '97. Estimation, hypothesis, testing, confidence limits for normal, binomial, Poisson, and exponential random variables.

Music

Department Office North Building room 416, phone 772-5020

Chair George Stauffer

Professors Basquin, DeFord, Griffel, Hampton, Stauffer, Westermann

Associate Professors Mueller, Thompson

Assistant Professors Gonzalez, Wagner

Advisors (day/evening) Jewel Thompson, North Building room 414; (graduate) Ruth DeFord, North Building room 414

The Department of Music offers a wide variety of courses and 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 many areas of music performance, theory, history, and literature. The BA degree can be completed in the evening as well as the day. In addition, the department sponsors numerous noncurricular events, including concerts, lectures, and master classes.

Private lessons in instruments and voice are provided to all performance majors and many other music majors by members of the academic rosters of performance teachers. Financial aid is granted to performance majors and many other music majors who need to study with private teachers not on staff.

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.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Code DX applies to MUSTH 101 and 102, and MUSPF 151, 219, and 220; codes DX and DW apply to all MUSHL courses, MUSTH courses excluding 101 and 102, MUSPF 349, 350, 365, 369, and 411, and all MUSIN courses. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement The requirement for humanities and the arts (Category V, Group 1) may be fulfilled by MUSHL 101, 107, or MUSTH 101, courses not counted towards the major. Music minors may apply one of these courses to fulfill Category V, Group 1 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 (Category III).

Major Programs The Department of Music offers 4 major programs to fit individual interests and requirements. In each of these, specific requirements may be waived, with the permission of the undergraduate advisor and the chairperson, for students who have extensive previous musical experience or special career interests.
Candidates for the 42-credit and 59-credit majors must demonstrate reasonable mastery of an instrument or voice before graduation.

**Piano Proficiency Requirement** All music majors must demonstrate elementary proficiency at the piano. Students should plan to fulfill this requirement during their first year of study. A passing grade on the piano proficiency examination is a prerequisite for the second year of study in music theory (MUSTH 222 and 292). Students entering Hunter with limited keyboard background may take MUSPF 131-132 Elementary Piano I and II (for elective credit), or may take private lessons in piano at their own expense. The Music Department office has a list of recommended piano teachers.

**24-credit Major (BA)** This degree is designed for students who want 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 want to complete their degree as quickly as possible. Requirements are:

1. 12 cr in music history: MUSHL 105 and 106, and two additional courses in music history with approval of departmental advisor.
2. 8 cr in music theory: MUSTH 120, 190, 121, and 191.
3. 2 cr in MUSPF 221 or MUSPF 231.
4. 2 cr in electives chosen from music courses 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 aspect of the field. Requirements are:

1. 12 cr in music history: MUSHL 105 and 106, and two additional courses in music history with approval of departmental advisor.
2. 16 cr in music theory: MUSTH 120, 190, 121, 191, 222, 292, 223, and 293.
3. 14 cr in music performance: (a) 8 cr in MUSPF 180, 181, 282, and 283; (b) 2 cr in MUSPF 401 (Minor Instruction in Instrument or Voice); (c) 2 cr in large performing groups (MUSPF 221 or 231); and (d) 2 cr in performance electives (MUSPF 221, 231, 251, 291, 299, 353, 355, or 401).

No minor is required.

**59-credit Major (BS) Not currently offered.** This degree is designed for students planning to pursue careers as music teachers at the secondary level. It provides automatic provisional certification for early childhood teaching and for teaching 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 officially admitted 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 in 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. 12 cr in music history: MUSHL 105 plus 3 courses from: MUSHL 352 or 353, 354, 355, 357, 358, and 359. (The student cannot count both MUSHL 352 and 353 toward the major.)
2. 19 cr in music theory: MUSTH 120, 190, 121, 191, 222, 292, 223, and 293; MUSTH 335 or 337.
3. 12 cr in instruments, voice, and conducting: MUSPF 219, 241, 242, 243, 244, 245, and 246; MUSPF 349 or 350; MUSPF 411.
4. 16 cr in music performance: (a) 8 cr in MUSPF 180, 181, 282, and 283; (b) 2 cr in MUSPF 221; and (c) 6 cr 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. The additional work may be taken as an auditor or elected for general College credit.

The 23-cr requirement in education includes: EDFDN 281, 272, and 362; EDUC 353, 355, 380, 400, and 480. Students in this program have 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 (other than Music) | 6 cr |
| VI | Social Sciences | 6 cr |
| **Total** | | **27-41 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. 12 cr in music history: MUSHL 105, MUSHL 106 and two additional courses in music history with approval of departmental advisor.
2. 16 cr in music theory: MUSTH 120, 190, 121, 191, 222, 292, 223, and 293.
3. 8 cr in MUSPF 180, 181, 282, and 283.
4. 18 cr (6 semesters) in MUSPF 431. Students who are admitted to the BMus program upon admission to the College may take 2 additional semesters of MUSPF 431 for general elective credit.
5. 6 cr in solo and ensemble performance. Students may choose one of the following areas of concentration: a. Instrumental performance: MUSPF 231, 251, 291, 299, 355, or 353. b. Vocal performance: MUSPF 369 (2 cr), plus additional cr selected from MUSPF 221, 251, 353, 355, or 369.

An annual jury examination is required. A senior recital, for which no credit is given, is also required.

**4-Year Dual 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.

COURSE LISTINGS
Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

Introductory Courses
MUSHL 101 Introduction to Music* 3 hrs, 3 cr. For nonmajors. Selected number of compositions primarily from the European tradition studied with aim to develop perceptive listening.
MUSHL 107 The World of Music* 3 hrs, 3 cr. For nonmajors. Introduction to music from a spectrum of world cultures, including Africa, Asia, and the Caribbean.
MUSTH 101 Basic Musicianship I 3 hrs, 3 cr. For nonmajors. Introduction to music theory, sight singing, and ear training.
MUSTH 102 Basic Musicianship II 3 hrs, 3 cr. For nonmajors. Continuation of MUSTH 101.

History and Literature of Music
MUSHL 105 Music History I 3 hrs, 3 cr. Pre- or co-req: MUSTH 120, 190, and ENGL 120. Survey of the history of music in the European tradition to 1750. For music majors. Includes training in basic library research and writing in the field of music.
MUSHL 106 Music History II 3 hrs, 3 cr. Prereq: MUSHL 105 and ENGL 120; pre- or co-req: MUSTH 121, 191. Continuation of MUSHL 105. Survey of the history of music in the European tradition from 1750 to the present. For music majors. Includes training in library research and writing in the field of music.
MUSHL 203 Orchestral Music 3 hrs, 3 cr. Prereq: MUSHL 101, 105, or 107, or MUSTH 101, or perm instr. Representative orchestral music from 19th century to present.
MUSHL 210 Music for the Piano 3 hrs, 3 cr. Prereq: MUSHL 101, 105, or 107, or MUSTH 101, or perm instr. Piano literature from 18th century to present.
MUSHL 212 Masterpieces of Opera 3 hrs, 3 cr. Prereq: MUSHL 101, 105, or 107, or MUSTH 101, or perm instr. Study of operatic styles of composers such as Mozart, Verdi, and Wagner.
MUSHL 217 History of Jazz 3 hrs, 3 cr. Prereq: MUSHL 101, 105, or 107, or MUSTH 101, or perm instr. Survey of jazz from its origins to present.
MUSHL 218 Masterworks of Choral Literature 3 hrs, 3 cr. Prereq: MUSHL 101, 105, or 107, or MUSTH 101, or perm instr. Significant sacred and secular choral works from Renaissance to present.
MUSHL 227 Master Composers 3 hrs, 3 cr. Prereq: MUSHL 101, 105, or 107, or MUSTH 101, or perm instr. Study of works of single composer. Topics to be announced. May be taken 6 times.
MUSHL 231 Folk and Traditional Music 3 hrs, 3 cr. Prereq: MUSHL 101, 105, or 107, or MUSTH 101, or perm instr. Study of ethnic music of selected cultures.
MUSHL 261 Special Topics in History and Literature of Music 3 hrs, 3 cr. Prereq: MUSHL 101 or perm instr. Study of works illustrating one specific genre, style, or period. Topics to be announced. May be taken 6 times.
MUSHL 352 Introduction to Ethnomusicology I 3 hrs, 3 cr. Prereq: MUSTH 121 and 191 or perm instr. Survey of musical traditions of Sub-Saharan Africa, Europe, and the Americas.
MUSHL 353 Introduction to Ethnomusicology II 3 hrs, 3 cr. Prereq: MUSTH 121 and 191 or perm instr. Survey of musical traditions of North Africa, the Middle East, Oceania, and South and East Asia.

MUSHL 354 Music of Middle Ages and Renaissance 3 hrs, 3 cr. Prereq: MUSHL 105 and MUSTH 121 and 191 or perm instr. Study of music from beginning of Christian era to 1600.
MUSHL 355 Music of the Baroque Period 3 hrs, 3 cr. Prereq: MUSHL 105 and MUSTH 121 and 191 or perm instr. Study of music from 1600 to 1750.
MUSHL 357 Music of Classical Period 3 hrs, 3 cr. Prereq: MUSHL 105 and MUSTH 121 and 191 or perm instr. Study of music from 1720 to 1827.
MUSHL 358 Music of Romantic and Post-Romantic Periods 3 hrs, 3 cr. Prereq: MUSHL 105 and MUSTH 121 and 191 or perm instr. Study of music from 1820 to 1914.
MUSHL 359 Music of 20th Century 3 hrs, 3 cr. Prereq: MUSHL 105 and MUSTH 121 and 191 or perm instr. Study of music since 1900, primarily from the European tradition.
MUSHL 360 Women in Music 3 hrs, 3 cr. Contributions of women in music composition and performance, as well as in related musical fields.
MUSHL 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.
MUSHL 498 Inservice I 1 to 6 cr per semester. Prereq: perm chair. Internship in various arts institutions in New York City.

Performance of Music
MUSSP 112 Elementary Voice II 2 hrs, 1 cr. Prereq: MUSSP 111.
MUSSP 121 Elementary Guitar I 2 hrs, 1 cr. For nonmajors. Class lessons in guitar: basic techniques, tuning, reading chord charts, playing and transposing songs.
MUSSP 122 Elementary Guitar II 2 hrs, 1 cr. Prereq: MUSSP 121.
MUSSP 131 Elementary Piano I 2 hrs, 1 cr. For nonmajors. Class lessons in piano: basic techniques, playing simple pieces.
MUSSP 132 Elementary Piano II 2 hrs, 1 cr. Prereq: MUSSP 131.
MUSSP 141 Introduction to Recorder 2 hrs, 1 cr. Prereq: Ability to read music. Rudiments of playing the recorder, focusing on finger dexterity, varieties of articulations, and easy solo and duet repertoire drawn from the Renaissance and early Baroque eras.
MUSSP 219 Voice I 3 hrs, 2 cr. Prereq: Ability to read music. For music majors or by audition and with permission of instructor. Fundamentals of breath control, tone production, articulation, posture, interpretation, and style. Vocalises, songs, and arias.
MUSSP 221 College Choir* 3 hrs, 1 cr. Open to all students. Study and public performance of major choral works. May be taken 6 times.
MUSSP 231 Hunter Symphony* 3 hrs, 1 cr. Prereq: audition and perm instr. May be taken 6 times.
MUSSP 241 Strings I 2 hrs, 1 cr. Majors only. Prereq: MUSSP 181 or perm instr.
MUSSP 242 Strings II 2 hrs, 1 cr. Majors only. Prereq: MUSSP 241.
MUSSP 243 Woodwinds I 2 hrs, 1 cr. Majors only. Prereq: MUSSP 181 or perm instr.
MUSSP 244 Woodwinds II 2 hrs, 1 cr. Majors only. Prereq: MUSSP 243.
MUSSP 245 Brass I 2 hrs, 1 cr. Majors only. Prereq: MUSSP 181 or perm instr.
MUSSP 246 Brass II 2 hrs, 1 cr. Majors only. Prereq: MUSSP 245.

*Offered every semester.
MUSPF 249 Jazz Band* 2 hrs, 1 cr. Open to all instrumentalists by audition. Study and performance of popular music with emphasis on jazz styles. May be taken 6 times.

MUSPF 251 Jazz Workshop 2 hrs, 1 cr. Prereq: audition and perm instr. Jazz performance and improvisation for advanced singers and instrumentalists. May be taken 6 times.


MUSPF 349 Conducting II 3 hrs, 2 cr. Prereq: MUSPF 283 or perm instr.; coreq: audit MUSPF 221 or 231. Principles of choral and orchestral conducting: technique of the baton, interpretation, repertoire, and score reading.

MUSPF 350 Conducting III 3 hrs, 2 cr. Prereq: MUSPF 283 and 349 or perm instr; coreq: audit MUSPF 221 or 231. A continuation of MUSPF 349.

MUSPF 353 Collegium Musicum* 3 hrs, 2 cr. Prereq: audition and perm instr. Study and public performance of solo and ensemble works from the medieval, Renaissance, and Baroque periods. May be taken 4 times.

MUSPF 355 Chamber Music Workshop* 3 hrs, 1 cr. Prereq: audition and perm instr. May be taken 6 times.

MUSPF 361-363 Special Studies in Performance of Music Max 8 cr. Prereq: perm dept. Number of works are studied, rehearsed, and performed. Topics to be announced.

MUSPF 361 1 cr. May be taken 4 times for credit.

MUSPF 362 2 cr. May be taken 4 times for credit.

MUSPF 363 3 cr. May be taken 2 times for credit.

MUSPF 365 Performance Class for Pianists 2 hrs, 1 cr. Preliminary training and performance activities. Students must be currently taking individual lessons in piano and registered in MUSPF 401 or MUSPF 431. Seminar in performance for advanced piano students. Study and performance of representative works of piano repertoire. Individual attention to problems of public performance. May be taken 4 times.

MUSPF 369 Performance Class in Vocal Literature for Solo Voice 3 hrs, 2 cr. Prereq: English 120, private voice and/or piano instruction, or MUSPF 220 and perm instr. Also some facility in at least one foreign language with a solo vocal repertoire. Course in seminar/workshop format for advanced music students in which singers and accompanists work together rehearsing, studying, preparing, and performing solo vocal repertoire. May be taken 6 times.


MUSPF 385 Performance Techniques VI 3 hrs, 2 cr. Prereq: MUSPF 384. Continuation of MUSPF 384.

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, 2 cr. 58-58 BS majors only. 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. 60-60 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.

Theory of Music

MUSTH 120 Music Theory I 3 hrs, 3 cr. Prereq: ability to read music; coreq: MUSTH 190. Review of fundamentals of music theory; introduction to melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

MUSTH 121 Music Theory II 3 hrs, 3 cr. Prereq: MUSTH 120; coreq: MUSTH 191. Continuation of MUSTH 120.

MUSTH 190 Music Theory Laboratory I 3 hrs, 1 cr. Coreq: MUSTH 120. Oral, aural, and keyboard drill on materials studied in corequisite course. Individual work in Computer Assisted Instruction facility.

MUSTH 191 Music Theory Laboratory II 3 hrs, 1 cr. Prereq: MUSTH 190; coreq: MUSTH 121. Continuation of MUSTH 190.


MUSTH 223 Music Theory IV 3 hrs, 3 cr. Prereq: MUSTH 222; coreq: MUSTH 293. Continuation of MUSTH 223.

MUSTH 292 Music Theory Laboratory III 3 hrs, 1 cr. Prereq: MUSTH 191; coreq: MUSTH 222. Oral, aural, and keyboard drill on materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

MUSTH 293 Music Theory Laboratory IV 3 hrs, 1 cr. Prereq: MUSTH 292; coreq: MUSTH 223. Continuation of MUSTH 292.

MUSTH 324 Music Theory V 3 hrs, 3 cr. Prereq: MUSTH 223; coreq: MUSTH 394. Advanced study, in historical and stylistic context, of melodic, rhythmic, contrapuntal, harmonic, and formal organization of music.

MUSTH 325 Music Theory VI 3 hrs, 3 cr. Prereq: MUSTH 324; coreq: MUSTH 395. Continuation of MUSTH 324.

MUSTH 329 Fugue 3 hrs, 3 cr. Prereq: MUSTH 325 or perm instr. Analysis and techniques of fugal composition.

MUSTH 331 Contemporary Techniques I 3 hrs, 3 cr. Prereq: MUSTH 223 or perm instr. Twentieth-century compositional techniques, forms, and media.

MUSTH 332 Contemporary Techniques II 3 hrs, 3 cr. Prereq: MUSTH 331.

MUSTH 333 Composition 3 hrs, 3 cr. Prereq: perm instr. May be taken 4 times.

MUSTH 335 Orchestration 3 hrs, 3 cr. Prereq: MUSTH 223.

MUSTH 337 Choral Arranging 3 hrs, 3 cr. Prereq: MUSTH 222.

MUSTH 339 Commercial Arranging 3 hrs, 3 cr. Prereq: MUSTH 223 or perm instr. How to arrange and orchestrate contemporary popular material for instrumental and vocal combinations.

MUSTH 341 Studies in Analysis, Style, and Performance I 3 hrs, 3 cr. Prereq: MUSTH 223.

MUSTH 342 Studies in Analysis, Style, and Performance II 3 hrs, 3 cr. Prereq: MUSTH 341.

MUSTH 394 Music Theory Laboratory V 3 hrs, 1 cr. Prereq: MUSTH 293; coreq: MUSTH 324. Oral, aural, and keyboard drill on the materials studied in corequisite course. Individual work in the Computer Assisted Instruction facility.

MUSTH 395 Music Theory Laboratory VI 3 hrs, 1 cr. Prereq: MUSTH 394; coreq: MUSTH 325. Continuation of MUSTH 394.

MUSTH 396 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. Individual Study

MUSIN 201, 301, 401 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.

Other courses offered occasionally:

MUSHL 204 Chamber Music

MUSHL 218 Masterworks of Choral Literature

MUSHL 219 The Art Song

MUSHL 308 Introduction to Electronic Music

MUSHP 329 Fugue

MUSTH 331, 332 Contemporary Techniques I, II

MUSTH 347, 348 Electronic Music in Mixed Media I, II

MUSPF 151 Foreign Language Diction for Singers

MUSPF 291 Hunter Wind Ensemble
Nursing

425 East 25th St., New York City, NY 10010, phone 481-4312

Dean
Evelynn Giocella

Professors
Barrett, Giedda, Natapoff, Ramshorn

Associate Professors
Birdsall, Degazon, Essocka, Hope, Jones,
Lunney, Malinski, McDermott, Nokes, Pulcini, Rendon, Ryan,
Sculco

Assistant Professors
Baumann, Gambino, Mosley, Neville,
Nickitas, Sayre

Instructor
Dacenay

Lecturers
Aronson, May

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 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 the Hunter College Admissions Office at 695 Park Avenue, New York, NY 10021 or from the CUNY Office of Admissions, 101 West 31st St, New York, NY 10001.

The undergraduate division consists of two parts: lower division (general education) and upper division (professional education). Students are considered for admission to the Generic Pathway Program for the fall semester only, and only after completing lower division courses. RN Pathway students are admitted for spring to take electives in nursing and may begin core courses in the fall. RNs are also admitted in the fall. 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" must be attained for all required science, mathematics, and nursing courses.

Graduates are awarded a BS (Nursing) degree and are eligible to take the National Council Licensure Examination. (A student who has been convicted of a felony or misdemeanor will have to undergo investigation by the Office of Professional Discipline, which might result in licensure being withheld.) 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 transfer or second-degree students 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 pace of the upper-division sequence and having to wait a year for a required course. All generic students admitted to the program are required to submit evidence of liability insurance, health insurance and medical records with specified immunizations prior to enrolling in the clinical course sequence. All junior students are required to submit CPR certification prior to entry into NURS 312. Detailed fact sheets on the Generic Pathway are available from the Hunter College School of Nursing, 425 East 25th St., New York, NY 10010.

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 School of Nursing, 425 East 25th St., New York, NY 10010.

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 Admissions. 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. minimum grade of C.
   2. RN Pathway
      CHEM 100, 101, STAT 113, (must be completed prior to nursing courses) and 16.5 credits of Biology, Chemistry and Math to complete distribution.

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 Distribution Requirements section of this catalog).

D. Humanities (9 cr)
   9 credits from among the disciplines listed under Category V of the distribution requirement (see Distribution Requirements section of this catalog).

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 Distribution Requirements section of this catalog).

F. Liberal Arts and Science Electives (16 cr)
   Students must take 16 cr in any liberal arts and/or science courses. This offerings vary from semester to semester. Students should consult each semester's Schedule of Classes.

II. Upper Division

A. Nursing
   1. Generic Pathway (45 cr)
      NURS 200, 310, 312, 331, 332, 410, 412, 419, 421.
   2. RN Pathway (45 cr)
      24 cr of nursing by Regents College Exams, plus NURS 379, 381, 384, 479, 480, 482.

B. Nursing Electives
   Students must take at least 9 credits of nursing electives. These offerings vary from semester to semester. Students should consult each semester's Schedule of Classes.

*Students who have not successfully completed 1 semester of high school physics are required to take PHYSICS 101. Students who have not successfully completed 3 years of college prep math in high school OR students who have not passed the Hunter College Algebra Placement Exam with exemption must take Math 250. Students who must take physics and/or MATH 250 may apply the credits toward the 16 open elective credits. No credit is received for an exemption.
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 310 Nursing I 18 hrs (4 lec, 14 lab) 8 cr. Prereq: completion of lower-division sequence. Coreq: NURS 200, Offered Fa. Provides knowledge base for effective nursing care of the childbearing family.

NURS 312 Nursing II 18 hrs (4 lec, 14 lab) 6 cr. Prereq: NURS 200, 310. Offered Sp. Provides knowledge base for effective nursing care of clients from childhood through young adulthood.

NURS 331 Essentials of Pharmacology 3 hrs, 3 cr. Prereq: Completion of lower-division sequence. Presents essential pharmacological information for nursing care of clients of all ages.

NURS 332 Normal and Therapeutic Nutrition in the Nursing Process 3 hrs, 3 cr. Prereq: Lower division sequence. NURS 200, 310. Presents principles of normal and therapeutic nutrition throughout the development life cycle.

NURS 379 Nursing and Societal Forces in the Health Care Delivery System* 3 hrs, 3 cr. Coreq: NURS 384. Offered Fa. Exploration of health care dilemmas through the integration of knowledge from nursing, social and political sciences.

NURS 381 Health Assessment Throughout the Lifespan* 6 hrs (3 lec, 3 lab), 4½ cr. Prereq: NURS 379, Prereq or Coreq: NURS 384. Offered Sp. Analysis of normal patterns of wellness for individual clients with emphasis on development of assessment skills.

NURS 384 Nursing Culturally Diverse Families* 3 hrs, 3 cr. Prereq or Coreq: NURS 379, 381. Offered Fall and Spring. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice.

NURS 410 Nursing III 18 hrs (4 lec, 14 lab) 8 cr. Prereq: NURS 200, 310, 312, 331, 332. Offered Fa. Provides a knowledge base for effective nursing care of middle-aged clients.

NURS 412 Nursing IV 18 hrs (4 lec, 14 lab) 8 cr. Prereq: NURS 410. Offered Sp. Provides knowledge base for effective nursing care of elderly clients.

NURS 419 Nursing Management and Leadership in the Health Care System 2 hrs, 2 cr. Prereq: NURS 200, 310, 312, 331, 332. Offered Fa. Study of principles of nursing management, leadership, and research processes in health care system.

NURS 421 Nursing and Society 2 hrs, 2 cr. Prereq: NURS 200, 310, 312, 331, 332, 410, 419. Offered Sp. Analysis of issues and trends in nursing and health care from societal perspective.


NURS 480 Promotion of Wellness in the Community* 7½ hrs (3 lec, 4½ practicum) 4½ cr. Prereq: NURS 379, 381, 384. Coreq: NURS 479. Offered Fa. Examination of family and community patterns as they relate to individual clients of all ages.

NURS 482 Advancement of Roles and Relationships in Professional Nursing* 3 hrs, 3 cr. Prereq: NURS 379, 381, 384, 479, 480. Offered Sp. Explores the roles and relationships in nursing with a focus on leadership as the key to the professionalization of nursing.

Electives

NURS 340 Women's Health 3 hrs, 3 cr. Designed to identify and analyze those factors which impact on the health status of women—biological, social, psychological, environmental, political.

NURS 342 Ethical Issues in Nursing Practice 3 hrs, 3 cr. (RN Pathway and Senior Generic Pathway students only.) Examines ethical issues which arise from the practice of nursing in an interpersonal, professional, institutional and social context of diverse and competing values.

NURS 343 Patterns of Biological Disruptions 3 hrs, 3 cr. Emphasizes biological disruptions that are pathobiological and their influence on levels of wellness across the life span. (STRONGLY RECOMMENDED FOR GENERIC SENIORS)

NURS 345 HIV/AIDS: An Interdisciplinary Perspective for Health Care Providers 3 hrs, 3 cr. Examines the impact of the HIV epidemic on the biological, psychological and social dimensions of persons affected by HIV/AIDS.

NURS 350 Independent Study in Nursing 1 hr, 1 cr, 2 hrs, 2 cr, 3 hrs, 3 cr. An opportunity to explore a topic relevant to nursing which is of individual interest.

NURS 351/WOMST 351 Women and the Sciences: Myths and Realities 3 hrs, 3 cr. Explores the complex relationship between women and the sciences.

NURS 384 Nursing Culturally Diverse Families 3 hrs, 3 cr. Explores the interrelationships between sociocultural factors and health care practices of families from diverse cultures as a basis for nursing practice. (ELECTIVE FOR GENERIC PATHWAY)

NURS 440 Stress Management for Nurses 3 hrs, 3 cr. An overview of stress and its effect upon behavior within the framework of the holistic man-wellness model.

NURS 441 Selected Studies in Nursing Research 3 hrs, 3 crs. Honors course. Prereq: NURS 310, 312, 331, 332, 380, 381. A utilization of basic knowledge in nursing research to critique and interpret studies and discuss their relevance and application in nursing.

NURS 442 Nursing Care of Acute and Critically Ill Clients 3 hrs, 3 cr. Examination of nursing knowledge and roles in caring for acute and critically ill clients and their families.

NURS 445 Teaching—Learning Across the Developmental and Health Continua 3 hrs, 3 cr. Pedagogical/andragogical principles of learning and instruction to enhance client teaching in the promotion, maintenance and restoration of health.

NURS 450 Computer Concepts and Application in Nursing 3 hrs, 3 cr. Study of computing concepts, principles, practices, and applications in nursing and health care.

NURS 483 Politics of Health 3 hrs, 3 cr. Analysis of the relationships between politics and health status, health services, and health care providers.

Note: Students who fail a core prerequisite course in a nursing sequence may not proceed to the next course in the sequence without repeating the failed course. A course may not be failed more than once. This policy applies even though a grade appeal is in progress.
Philosophy

Department Office  West Building room 1413, phone 772-4970
Chair  James Freeman
Professors  Freeman, Held, Landesman, Ross, Stambaugh
Associate Professors  Kirkland, Lango, Press
Assistant Professor  Keating
Advisors  (day) Frank Kirkland, Gerald Press
          (evening) Steven Ross

Philosophy studies the most fundamental questions that human beings ask—about individual and social action, the possibility and limits of knowledge, the truth and justification of beliefs, human nature and freedom, the existence of God, and the operations of nature. Philosophy approaches these questions in a systematic way, and philosophers have worked out more or less comprehensive theories to answer them (or show why they cannot be answered). The courses offered by the Philosophy Department are designed to introduce students to the main problems that philosophers study and to the main ideas of such profound and influential 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 and critically, to write thoughtfully, to use intelligence and logic to deal with problems not too often ruled by emotion and prejudice. Philosophy also helps one develop intellectual flexibility and learn to appreciate ideas and beliefs other than those of one’s own time, place, class, or group. Since it develops these intellectual abilities and habits, the study of philosophy, either in individual courses or as a major or minor, is excellent preparation for any profession or occupation. Students of philosophy pursue careers in law, business, medicine, government, and the arts. Some 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.

Course Access Codes  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DR and DY apply to PHILO 102; codes DX and DW apply to PHILO 101, 104, 106, 108, and 170; and codes DX, DW, and DM apply to all PHILO courses numbered 200 and above. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement  PHILO 101, 104, 106, 170, 201, 203, or 204 may be used to fulfill Category V. Group 2 of the requirement for humanities and the arts. 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 Requirements  24 cr, distributed as follows:

1. 3 cr in logic: either PHILO 170 or 274.
2. 3 cr in ancient and medieval philosophy: any course from PHILO 203, 212, 214, 380, 381.
3. 3 cr in modern and contemporary philosophy: any course from PHILO 204, 215, 217, 218, 384, 386, 387, 388, 389.
4. 3 cr in moral and political philosophy: any course from PHILO 244, 246, 344.
5. 3 cr in metaphysics and epistemology: any course from PHILO 360, 362, 364, 366, 379.
6. 3 cr in the intensive study of a major philosopher; any course from PHILO 380, 381, 384, 386, 387, 388, 389. The same course may not be used to satisfy both this requirement and requirement 2 or 3 above.
7. 6 additional or chosen in consultation with the advisor. Students are encouraged to select courses that acquaint them with philosophical traditions other than the dominant Western ones.

Note: The following introductory courses do not count toward the major: PHILO 101 (Introduction to Philosophy), 102 (Logical Thinking), 104 (Introduction to Ethics), 106 (Philosophy, Politics, and Society), 108 (Philosophical Ideas in Literature).

Minor  A philosophy major is permitted to minor in all programs that the College offers. Double majors are also permitted.

Major Advisor  Students majoring in philosophy are required to meet with the departmental major advisor at least once each year to review their course of study and progress toward the degree. Once each semester the major advisor will convene a meeting with all interested majors, minors, and those considering a major or minor in philosophy to discuss departmental plans, policies, and requirements. One of these meetings will be held during evening session Dean's Hours.

Mentoring  Philosophy majors are encouraged to establish a mentor relationship with a faculty member of their choice. This relationship will be distinct from the departmental advising relationship.

First Course in Philosophy  The Philosophy Department offers a variety of introductory courses appropriate for students with different interests and backgrounds. PHILO 101 is a general introduction to philosophy. PHILO 104 is an introduction with emphasis on ethics, while PHILO 106 is an introduction with emphasis on political philosophy. PHILO 170 is an introduction to logic and philosophy of science. At a slightly more advanced level, PHILO 201 is an introduction with emphasis on theory of knowledge and metaphysics. PHILO 203 and 204 survey the history of philosophy. Students who are considering a philosophy major should choose PHILO 106, 170, 201, 203, or 204.

Departmental Honors  To be eligible for graduation with departmental honors in philosophy, a major must have a 3.5 GPA in philosophy and a 2.7 overall GPA. The student must register for PHILO 494 and write a substantial paper under the direction of a faculty member. This honors essay will be judged both by the faculty member under whose direction the student is working and by the departmental Honors Committee.

Independent Study  Students may engage in independent study under the supervision of a member of the Philosophy Department by receiving permission to take PHILO 492.

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g. DX, DW) in this section.

Prerequisites: ENGL 120 is prerequisite to all PHILO courses other than those in Area I (Introductory Courses) and courses in logic (PHILO 274, 275, 375, and 376).

Note: With a few exceptions, all 200-level courses require one previous course in PHILO and all 300-level courses require two previous courses in PHILO, at least one of which normally is numbered 200 or above. PHILO 102 may not be used as the entrance prerequisite for 200- and 300-level PHILO courses. The exceptions are indicated by three asterisks (***) in the course listing, and alternative prerequisites, if any, are described.
I. Introductory Courses (offered each semester)

PHILO 101 Introduction to Philosophy 3 hrs, 3 cr. Examination of basic philosophical questions through study of selected philosophical classics.

PHILO 102 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. May not be used as the prerequisite for 200- and 300-level PHILO courses.

PHILO 104 Introduction to Ethics 3 hrs, 3 cr. Examination of standards of right conduct and the good life through study of selected philosophical classics.

PHILO 106 Philosophy, Politics, and Society 3 hrs, 3 cr. Introduction to social and political philosophy.

PHILO 108 Philosophical Ideas in Literature 3 hrs, 3 cr. Study of philosophical ideas exemplified in a selection of classics of world literature.

PHILO 170 Introduction to Formal Logic and Scientific Method 3 hrs, 3 cr. Examination of foundations of deductive and inductive logic.

PHILO 201 Knowledge and Reality*** 3 hrs, 3 cr. Prereq: Sophomore standing (completion of at least 28 cr) OR one course in Philosophy OR permission of instructor. 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 203 Great Philosophers: Ancient and Medieval*** 3 hrs, 3 cr. Prereq: Sophomore standing (completion of at least 28 cr) OR one course in Philosophy OR permission of instructor. Comprehensive study of major philosophical thinkers, ideas, and movements from the dawn of philosophy in ancient Greece to the time of the Renaissance.

PHILO 204 Great Philosophers: Modern and Contemporary*** 3 hrs, 3 cr. Prereq: Sophomore standing (completion of at least 28 cr) OR one course in Philosophy OR permission of instructor. Comprehensive study of major philosophical thinkers, ideas, and movements from the rise of modern philosophy in the 17th century to the present.

(Note: The Philosophy Department hopes to be able to offer all the courses that follow at least once in each 2-year period.)

II. History of Philosophy

PHILO 212 Classical Greek Philosophy: Plato and Aristotle 3 hrs, 3 cr. Study of major works of Plato and Aristotle in the context of the philosophical thought of the ancient world.

PHILO 214 Medieval Philosophy 3 hrs, 3 cr. Study of major writings by medieval Arabic, Christian, and Jewish philosophers such as Averroes, Aquinas, and Maimonides.


PHILO 218 Nineteenth-Century Philosophy 3 hrs, 3 cr. Study of major works of Hegel, Schopenhauer, Mill, Kierkegaard, Marx, and Nietzsche.

PHILO 219 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 and Contemporary Philosophical Movements

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 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 226 African-American Philosophy 3 hrs, 3 cr. Development of the African-American intellectual tradition. Study of the work of such figures as Equiano, Douglass, Cooper, Byden, DuBois, and Hurston.

PHILO 228 Existentialism 3 hrs, 3 cr. Philosophical writings of major existentialists. Topics include nature of subjectivity, moral value, freedom, authenticity.

PHILO 230 Feminism: Philosophical Theory and Practice 3 hrs, 3 cr. Analyses of feminist theories and their practical implications.

PHILO 322 Modern Philosophical Idealism 3 hrs, 3 cr. Study of major works of Fichte, Schelling, Hegel, Bradley, Royce, and their critics.

PHILO 326 Pragmatism 3 hrs, 3 cr. Major thinkers in American pragmatism, such as Peirce, James, Dewey.

PHILO 330 Contemporary Phenomenology 3 hrs, 3 cr. Selections from writings of major phenomenologists, such as Husserl, Heidegger, Sartre, and Merleau-Ponty.

PHILO 332 Contemporary Analytic Philosophy 3 hrs, 3 cr. Selections from writings of major representatives of analytic philosophy, such as Russell, Moore, and Wittgenstein.

IV. Value, Creativity, and the Good Life

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, and society.

PHILO 252 Problems of Law and Morality 3 hrs, 3 cr. Philosophy of law and the relation of legal to ethical issues.

PHILO 254 Ethical Issues in Biology and Medical Care 3 hrs, 3 cr. Treats issues such as abortion, euthanasia, "extraordinary means", confidentiality, human experimentation, genetic control, and allocation of limited life-saving therapy.

PHILO 258 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 344 Philosophy of Law*** 3 hrs, 3 cr. Prereq: two courses in PHILO including one of PHILO 104, 106, 230, 244, 246, 252, 254. Major issues in legal philosophy, such as the nature of law, the limits of legal authority, problems of obligation and punishment.

V. Knowledge, Mind, and Reality

PHILO 262 Philosophy of Religion*** 3 hrs, 3 cr. Prereq: 1 course in Philosophy or Religion. Philosophical examination of some religious questions and beliefs.

PHILO 266 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 the philosophical significance of language, its structure, meaning, reference, and use.

PHILO 366 Philosophy of Mind 3 hrs, 3 cr. Examination of the concept of mind and the person. Topics include thinking, intention, action, emotion, self-knowledge.

VI. Logic and Philosophy of Science

PHILO 270 Philosophy, Science, and Culture 3 hrs, 3 cr. Issues relating to the impact of modern science on philosophy, religion, and culture.

***See Prerequisites, p. 137

**See Prerequisites, p. 137
PHILO 274 Symbolic Logic I*** 3 hrs, 3 cr. Prereq: one course in philosophy, computer science, or mathematics. Introduction to formal symbolic methods for answering basic questions concerning logical truth, consistency, equivalence, entailment, and validity.

PHILO 275 Symbolic Logic II*** 3 hrs, 3 cr. Prereq: PHILO 274 or perm inst. Continued study of the principles of symbolic logic, including such topics as quantifier derivations, logic of identity, sets, relations, and functions.

PHILO 375 Advanced Symbolic Logic*** 3 hrs, 3 cr. Prereq: PHILO 275 or equiv. A survey of the central results and techniques of metalogic, principally mathematical induction, the soundness and completeness of theorems for first-order logic, the Skolem theorem, and Church's theorem on undecidability.

PHILO 376 Logical Theory 3 hrs, 3 cr. Study of selected questions in philosophy of logic and philosophy of mathematics.

PHILO 379 Philosophy of Science 3 hrs, 3 cr. Study of foundations of knowledge in natural and social sciences.

VII. Major Philosophers

PHILO 380 Plato 3 hrs, 3 cr. Close study of major Platonic dialogues.

PHILO 381 Aristotle 3 hrs, 3 cr. Close study of Aristotle's major writings.

PHILO 384 Kant 3 hrs, 3 cr. A study of some of Kant's major writings.

PHILO 386 Hegel 3 hrs, 3 cr. Study of some of Hegel's major writings.

PHILO 387 Nietzsche 3 hrs, 3 cr. Study of his major works.

PHILO 388 Wittgenstein 3 hrs, 3 cr. Development of Wittgenstein's thought through intensive study of his major works.

PHILO 399 Heidegger 3 hrs, 3 cr. Detailed study of the central themes in Being and Time and their development in his later essays.

VIII. Special Studies

PHILO 200 Topics in Philosophy*** 3 hrs, 3 cr. Prereq: variable. Topics discussed vary from semester to semester.

PHILO 393 Philosophical Systems*** 3 hrs, 3 cr. Prereq: variable. Study of writings of one or two major philosophers.

PHILO 394 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 inst. Independent study of philosophical works under faculty supervision.

PHILO 494 Honors Tutorial In Philosophy*** 3 or 6 cr. Prereq: perm dept advisor or chair. Independent research and writing under direction of department's Honors Committee.

PHILO 498 Inservice Learning Program*** 1 to 6 cr. Prereq: perm dept advisor or chair. Philosophically relevant internship.

**See Prerequisites, p. 137

Physics and Astronomy

Department Office North Building room 1200, phone 772-5248
Chair Robert Marino
Professors Bergou, Chen, Cohen, denBoer, Greenbaum, Gumbs, Hillery, Lawergren, Marino, Tryon
Associate Professor Varley

Advisors (majors) Steven Greenbaum, (day & pre-engineering) Bo Lawergren, (evening) Ed Tryon, (graduate) Leon Cohen

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.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DX and DM apply to all PHYS and ASTRO courses. For an explanation of the codes see Course Access Code section of this catalog.

Distribution Requirement No more than 8 credits from *PHYS 111-121 may 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 Catalog, 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 quickly to reach a level where they can stand in competition for admission into any doctoral program in physics. Such opportunity and incentive are 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 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 (4.5 cr each) or the PHYS 111-121 sequence (5.5 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.

*Offered each semester
**PHYS 151, 152, 153 may be substituted for PHYS 111-121
PHYS 101 (4 cr) should be taken only by pre-nursing majors and those who want a one-semester terminal course in physics.

Students should take no more than one first semester course (PHYS 101, PHYS 110, PHYS 111) and no more than one second semester course (PHYS 120, PHYS 121) since they may receive credit for no more than one course from each group.

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. ** 3 Physics laboratory courses PHYS 222, PHYS 230, and PHYS 235.

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 300- and 400-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, computer science, geology, mathematics, or another approved field selected after conference with the major advisor. For students planning to become physics teachers at the secondary level the 21-credit sequence in secondary education constitutes an appropriate minor.

Preparation for Secondary School 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 want to qualify for New York City licensing or New York State certification should consult the Education section of this catalog.

Students preparing to teach physics are advised to include the following courses or their equivalents in their undergraduate program: MATH 254, CHEM 102, 103, 104, 105; ASTR 100; GEOL 101; and BIOL 100. See the Education section of this catalog for additional requirements.

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 degree 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 following courses comprise the pre-engineering curriculum:

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**Chem 102 and 104 can be replaced by CHEM 111, 112, 113 (3 semesters).

**CHEM 102 can be replaced by CHEM 111, 112, 113 (2 semesters) for 4 cr.

***Skills courses will not be credited. For example, accounting, statistics, photography, drawing, musical instruments technique, non-literature courses, etc., are regarded as skills courses.

**Pending Senate Approval
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. Electrostatics, currents, magnetism, and introduction to electromagnetic theory of light.

PHYS 335 Intermediate Mechanics 4 hrs, 4 cr. Prereq: PHYS 120 or 121; 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, interferometer, 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.

PHYS 415 Electromagnetic Theory 3 hrs, 3 cr. Prereq: PHYS 334. Prereq or coreq: MATH 254. Electrostatics; electromagnetics; Maxwell's equation with application to waves; waves in guide, radiation.

PHYS 424 Plasma Physics 3 hrs, 3 cr. Prereq: PHYS 334. Motion of charged particles in external magnetic and electrical fields; fusion using tokamaks, mirrors, and lasers.

PHYS 425 Quantum Theory 3 hrs, 3 cr. Prereq: PHYS 330. Prereq or coreq: MATH 254. From Bohr model and de Broglie waves to Schrodinger wave equation; solutions for simple cases; transformations.

PHYS 427 Intermediate Physics Laboratory (third level) 4 hrs, 2 cr. Prereq: PHYS 326. Study of modern experimental techniques in variety of fields. Required for physics majors.

PHYS 445 Solid State Physics 3 hrs, 3 cr. Prereq: PHYS 330. Energy levels in atoms, molecules, and solids; crystal structure; properties of solids; semiconducting devices.

PHYS 453 Introduction to Research 1 to 3 cr. Prereq: PHYS 330, 334, 335, and 427 or perm. chair. Independent theoretical or experimental research or independent study of approved topic.

PHYS 454 Introduction to Research 1 to 3 cr. Prereq: PHYS 453 or perm. chair. Independent theoretical or experimental research or independent study of approved topic.

Courses not offered during 1995-98:

ASTRO 181 Astronomy of the Solar System

ASTRO 182 Stellar Astronomy

PHYS 145 Physics of Computers

PHYS 186 Acoustics of Music

PHYS 240 Physics of Biological Systems

PHYS 245 Computer Applications in Physical Sciences

PHYS 280 Astrophysics

PHYS 360 Atomic and Nuclear Physics for Engineers

PHYS 364 Electricity and Magnetism for Engineers

PHYS 365 Analytical Mechanics

PHYS 403 Topics in Modern Physics

*PHYS 151-152-153 may be substituted for PHYS 111-121.

**Pending Senate approval
Political Science

Department Office West Building room 1724, phone 772-5500
Chair Andrew J. Polsky
Professors Erickson, Ganguly, Petchesky, Richter, Sherrill, Volkmer, Zagoria
Associate Professors Polsky, Somerville, Tronto
Assistant Professors Karapin, Roberts, Wallach

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, issues 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, political economy, 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 a 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 wide variety of career opportunities.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Code DR is required for enrollment in any POLSC course; code DL applies to all 200-level POLSC courses; and codes DX, DY and DW apply to all 300- and 400-level POLSC courses. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement POLSC 111, 112, 113, 114, 115, 116 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 (24 cr) Majors are required to take at least one course in each of the 4 following subfields of the discipline: American government, political theory, comparative politics, and international relations. Majors are advised to take at least 2 introductory courses prior to enrollment in advanced courses; these courses may be counted toward the major, provided they are not used to fulfill the distribution requirement. Courses in which the student receives a grade of CR ("Credit") cannot be credited toward the major. No more than 6 credits in internships may be used toward the major.

Minor 12 credits in one or 2 other departments in areas related to the major. Credits satisfying the distribution requirement will not be counted toward the minor. The minor must be approved by the Department of Political Science. For students preparing to become social studies teachers at the secondary school level the sequence in secondary education is an appropriate minor.

Interdepartmental Fields Students who want to do work in political science as part of the interdepartmental fields in Latin American and Caribbean Studies, Energy Policy Studies, Women's Studies, and Jewish Social Studies should refer to the appropriate descriptions in this catalog.

Preparation for Secondary School 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 elementary and secondary levels. Students who wish to qualify for New York City licensing or New York State certification should consult the Education section of this catalog. Students who want to qualify for teaching social sciences in secondary schools should also consult the History Department section of this catalog for the specific requirements in the social sciences. Advisement is also available in the Office of Educational Services, Room W 1000.

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 the departmental advisor or the College pre-law advisor.

Honors Work In order to graduate with honors in Political Science, a student must have a 3.5 GPA in the Political Science major and a college-wide cumulative index of at least 2.7, and must also have taken an honors course (POLSC 492). Honors work will ordinarily take the form of a substantial revision of a term paper or similar project begun in a 200- or 300-level political science course in a prior semester. Thus students seeking to graduate with departmental honors should begin to plan the sequence of honors work at least two semesters in advance of their expected graduation date. Students whose grades would qualify them for honors but who have not taken POLSC 492 at the time of graduation, may substitute either POLSC 480, 482, 486 or 490. Students may apply 6 credits of honors towards the major.

Seminar/Internship Program in New York Government This university-wide program is designed to bridge the gap between academic study and the practical world of 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 agencies, political offices, or community groups working on administrative or research assignments related to urban affairs and services. They attend a weekly classroom seminar at Hunter and monthly meetings of the entire program at the Graduate School and University Center. Prominent government officials, political leaders, community representatives, and academic experts participate in both the weekly and monthly meetings. Up to six credits in internship work (POLSC 411, 412, 413, or 414) may be used to satisfy requirements for the major. Additional internship credits may be used as electives towards graduation. For further information, consult the Department of Political Science.

Seminar/Internship in Comparative and International Politics This program is designed to give students the opportunity to apply what they have learned in the classroom to the practical world of comparative and international politics. The program is also designed to help students make future career choices. Students enrolled in POLSC 413 and 414 are placed in comparative or inter-
national political organizations, trade and business institutes, non-
governmental organizations, United Nations agencies, and foreign 
policy institutions. Students spend 8-10 hours a week working on 
administrative and research activities related to comparative and 
international politics. In addition, there are weekly classroom semin-
ars in which experts in comparative or international politics discus-
topics of current interest. Up to six credits in internship work 
(POLSC 411, 412, 413, or 414) may be used to satisfy require-
ments for the major. Additional internship credits may be used as 
electives towards graduation. For more information, contact the 
Department of Political Science.

Preparation for Graduate Study Students who intend to go on to 
graduate school should consult their undergraduate advisors. 
Qualified students in their senior or junior year may be admitted to 
some graduate courses with the approval of the department chair.

Awards and Prizes The Political Science Department confers 
recognition on its outstanding graduates through prizes and awar-
d: The Katherine Duffy Prize and The Edgar Dawson Prize, 
presented annually to graduating political science majors, and The 
David E. Haight Memorial Award, a substantial fellowship to enable 
a graduating political science major to pursue graduate studies in 
political science.

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the 
paragraph on course access codes (e.g., DX, DW) in this section.

Introductory Courses

Each of the following 4 introductory courses is intended to acquaint the stu-
dent 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, pres-
sure groups.

POLSC 112 Introduction to Political Theory 3 hrs, 3 cr. Selected texts of 
great political thinkers. Recurrent problems of politics from Plato to present.

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 117 Introduction to Comparative Politics 3 hrs, 3 cr. Comparative 
analysis of liberal democracies, one-party states, and authoritarian regimes; 
presentation and application of basic concepts and theories of comparative 
political analysis.

American Government and Politics

POLSC 211 State Government and Politics 3 hrs, 3 cr. Comparative analy-
sis of state governments. Power and role of governors, state legislatures, par-
ties, 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 campa-
igns, 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.
Selected topics in American politics and government.

POLSC 218 Women and Politics 3 hrs, 3 cr. Constitutional and legal posi-
tion of women, ERA, affirmative action, marriage, divorce, property, feminist 
causes.

POLSC 219 Women and the Law 3 hrs, 3 cr. Overview of how local, state, 
and federal laws treat people on basis of sex.

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-mak-
ing process. Congressional organization, functions and behavior. Lobbies, 
political 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 feder-
al 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 244 Energy and Environmental Politics and Public Policy 3 hrs, 
3 cr. Examination of political processes and public policies shaping energy 
production and consumption in the US, with comparative reference to other 
countries. Emphasis on political, economic, social, environmental, and foreign 
policy aspects.

POLSC 274 American Foreign Policy 3 hrs, 3 cr. Personalities and process-
es in making, administering, and controlling our foreign policy.

POLSC 317 Contemporary Issues in American Politics 3 hrs, 3 cr. Prereq: 
POLSC 111 or perm instr. Selected topics in American politics and govern-
ment.

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 321 American Political Economy 3 hrs, 3 cr. Critical analysis of 
the distribution of power between the state and the private sector. Theories about 
the government-business relationship are tested through a series of case studies.

POLSC 330 The Politics of Urban Planning 3 hrs, 3 cr. Politics of city 
life—housing, urban renewal, poverty, transportation, health, environment, 
shrinking budgets.

POLSC 340 Constitutional Law: Organizing the Government 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 Constitutional Law: Civil Rights 3 hrs, 3 cr. Prereq: POLSC 
111 or 238. Constitutional problems and Supreme Court decisions regarding 
race and sex discrimination.

POLSC 342 Constitutional Law: The First Amendment 3 hrs, 3 cr. Prereq: 
POLSC 111 or 238. Constitutional problems and Supreme Court decisions 
regarding freedom of speech, press (media), religion, and assembly.

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.

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 411, 412 Seminar/Internship in New York Government 2 sems. 4 
hrs, 4 cr each sem. Prereq: perm dept. Practical experience in government 
and politics, Weekly seminars, monthly university-wide meetings.

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, totalitarian-
ism, liberty, and authority.

POLSC 206 Research Design in Political Science 3 hrs, 3 cr. Prereq: 
MATH 001 or passing College proficiency examination in math or perm Instr. 
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 instr. Uses Social Science Data Lab. Offered Sp. Computer applications and statistical analysis in political science. Students write a quantitative term paper.

POLSC 361 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 304 Contemporary Issues in Political Theory 3 hrs, 3 cr. Prereq: POLSC 112 or perm instr. Selected topics in political theory.

POLSC 306 Approaches to Political Science 3 hrs, 3 cr. Major organizing concepts in study of political science.


Comparative Politics

POLSC 252 Government and Politics in the Caribbean 3 hrs, 3 cr. Colonial heritage and American presence. Political institutions, cultural diversity, and economic dependency.

POLSC 253 Government 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 Government and Politics in Western Europe 3 hrs, 3 cr. Theory, practice, institutions, and problems of noncommunist European nations (Britain, France, Germany, etc.).

POLSC 255 Government and Politics of Japan and Korea 3 hrs, 3 cr. Political, social, and economic institutions of Japan and Korea; their domestic politics and relations with the world.

POLSC 256 Government and Politics in South and Southeast Asia 3 hrs, 3 cr. Political, economic, and social institutions of India, Cambodia, Vietnam, Indonesia, Thailand, etc.

POLSC 257 Government and Politics of China 3 hrs, 3 cr. Chinese communist political theory, institutions, and foreign policy.

POLSC 262 Government and Politics in Central America 3 hrs, 3 cr. Political institutions, ideology, class and ethnic structure, economic development, distribution of wealth and power, foreign influences, and revolutionary and evolutionary roads to modernization.

POLSC 263 Government 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 264 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 Government and Politics in Eastern Europe 3 hrs, 3 cr. Political, social, and economic institutions of individual Eastern European nations and their relations with the 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 270 Black Revolution in Africa 3 hrs, 3 cr. Examination of varieties of revolution and socialism in Africa in post-independence era.

POLSC 272 Contemporary Issues in Comparative Politics 3 hrs, 3 cr. Selected topics in comparative politics. Past topics included comparative communism, Mideast foreign policy.

POLSC 279 Revolutionary Mass Movements: Communism, Fascism, Anarchism 3 hrs, 3 cr. Comparative study of radical social movements in 20th century, including communist, fascist, and anarchist movements.


POLSC 310 Comparative Legal Systems 3 hrs, 3 cr. Prereq: POLSC 111 or 235 or 340 or 341 or 343 or 375 or perm instr. Comparative study of major legal traditions of modern world, including Common Law, Civil Law, Soviet, Islamic, Chinese, tribal, and hybrid systems.


POLSC 372 Contemporary Issues in Comparative Politics 3 hrs, 3 cr. Prereq: POLSC 113 or 114 or 116 or perm instr. Selected topics in comparative politics.

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 276 International Relations of Third World 3 hrs, 3 cr. Analysis of role played by Third World states in international arena, examining relations of developing nations with advanced industrialized states, socialist states, and other developing nations.

POLSC 277 Soviet-American Rivalry and Nuclear Arms Race 3 hrs, 3 cr. Examination of evolution of Soviet-American rivalry since end of World War II, with particular emphasis on nuclear arms race.

POLSC 278 International Organizations 3 hrs, 3 cr. Prereq: POLSC 115 or perm instr. Powers, functions, and effectiveness of international institutions; emphasis on United Nations and regional organizations.

POLSC 280 Women, War and Peace 3 hrs, 3 cr. The course examines the roles that women have played as subjects and objects in war and peace.

POLSC 281 Drugs, Politics, and Public Policy 3 hrs, 3 cr. Examination of public policies addressing drug use and abuse in the United States and other countries, with emphasis on political and cultural determinants, economic and market factors, constitutional implications, and United States foreign policy.

POLSC 373 Contemporary Issues in International Politics 3 hrs, 3 cr. Prereq: POLSC 115 or perm instr. Selected topics in international politics.

POLSC 375 International Law 3 hrs, 3 cr. Case studies on nature, sources, practices, and efficacy of international law, principles, and rules.

POLSC 376 International Political Economy 3 hrs, 3 cr. Prereq: POLSC 114 or 115 or 243 or 271 or perm instr. Critical issues facing international system, such as global inequality, new international economic order, role of multinational corporations, and neo-colonialism.

POLSC 380 European Security 3 hrs, 3 cr. Examination of the sources of war and peace, instability and stability, and insecurity and security in Europe, using social science theories and historical case studies.

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 comparative and international politics and 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 482 Seminar in Political Behavior 3 hrs, 3 cr. Prereq: perm instr. Advanced seminar in public opinion, voting, mass politics. Major paper required.

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  North Building room 611, phone 772-5550
Chair  Herbert H. Krauss
Assistant to Chair  Sheryl A. Campbell
Professors  Barr, Chase, Fried, Gordon, Harding, Krauss, Luine, Manning, Moller, Rettig, Slochower, Topoff, Turkewitz, Valian, Zeigler
Associate Professors  Chodorow, DeFour, Klass, Newman, Novak, Rabinowitz, Seegmiller
Assistant Professors  Flores, Huselid, Young
Undergraduate Advising Office  Room 611-N
Graduate Advisor  Virginia Valian

The Hunter College Psychology Program spans the diverse areas of psychology from clinical, social and developmental to experimental psychology, ethology and biopsychology.

The faculty and facilities of the CUNY Doctoral Program in Biopsychology are an integral part of the Hunter College Psychology Program and offer our undergraduate students opportunities not otherwise available.

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 faculty mentors as part of our independent study and honors programs.

The psychology major, as part of the bachelor's degree program, prepares the student for many possibilities in education, social and welfare services, health services, and industry. The psychology major also fulfills the course requirements of most psychology graduate programs.

A background in psychology combined with special training in other disciplines within the College 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.

There is a broad range of research and applied opportunities within the department in developmental psychology, social psychology, adjustment, animal behavior, physiological psychology, etc. Departmental affiliations with mental health and community organizations make it possible for students to integrate their academic studies of personality, abnormal, and child psychology with supervised practical experience during field placement. Undergraduates also have the opportunity to join the biopsychology faculty in research within the department involving a wide range of animal species.

Our doctoral program in biopsychology and our master's program in general psychology provide course concentration in a number of different areas within psychology, and offer opportunities for undergraduates to interact with graduate students. Qualified students in their senior year may be admitted to some graduate courses with the approval of the instructor and the department advisor.

Special Programs

The COR Program (Career Opportunities in Research, Education and Training)
The Departments of Psychology, Anthropology, and Sociology jointly offer a program called COR (Career Opportunities in Research, Education and Training). 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 COR Program coordinator (772-5679).

Field Placement Program

Offered as a 2-semester sequence, Psychological Services I and 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. Permission of the instructor is required.

Course Access Codes

Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DX, DW, and DM apply to all PSYCH courses. ENGL 120 is also prerequisite to all 300- and 400-level PSYCH courses. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement

We suggest, but do not require, that students who intend to continue the study of psychology on the doctoral level elect French, Spanish, German, or Russian to meet the foreign language portion of the distribution requirement. Of particular relevance to psychology majors are courses in anthropology, biology, chemistry, computer science, mathematics, physics, and sociology.

College regulations state that a course used to satisfy the requirements for a major (e.g. Psych 100) cannot also be used to satisfy the distribution requirement.

Exemptions

A student may be exempt from PSYCH 100 by passing an examination, College Level Education Program, (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 100, one other 100-level course, PSYCH 206 (Statistics), PSYCH 304 or 305 (Experimental Psychology) and 4 elective courses in psychology. Two of the elective courses must be at least at the 200 level, and 2 of the elective courses must be at the 300 level or higher. Most psychology majors intending to attend graduate school take more than the minimum 26 credits in psychology. We recommend that all psychology majors see an undergraduate advisor for assistance in program planning and that the major be declared as soon as possible.
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, computer science, physics, physiology, political science, sociology, or statistics. Other minors may be granted after consultation with the 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.

COURSE LISTINGS
Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DW, DX) in this section.

PSYCH 100 Introduction to Psychology 3 hrs, 3 cr. Prereq: PSYCH 100. Normal and disordered 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. Aggression, 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 patterns; 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 195 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 instr. Independent readings, tutorials, research project, or participation in ongoing research, culminating in a written report.


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 212 Psychology of Exceptional Children 3 hrs, 3 cr. Prereq: PSYCH 150 or 210 or EDUC 209. Special problems of adjustment and training of exceptional children, including the gifted, as well as the intellectually, emotionally, and physically handicapped.

PSYCH 215 Introduction to Research Methods in Psychology 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: 6 cr in PSYCH courses. Review 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 223 Abnormal Psychology 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses. Consideration of psychological abnormalities; symptoms, etiology, 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, leadership, 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 Ethology-Animal Behavior 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses or perm instr. 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, behavioristic, 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 instr. Readings and discussion on a selected problem or topic area. Topics will vary from semester to semester.

PSYCH 304 Experimental Psychology: Social 6 hrs (2lec, 4lab), 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 (2lec, 4lab), 4 cr. Prereq: PSYCH 206. Research and experimental techniques in study of behavior. Reports involve variety of laboratory exercises.

PSYCH 306 Seminar in Psychological Services 1 8 hrs, 4 cr. Prereq: PSYCH 223 or 312 and perm instr. Interview required. Helping process and helper. Seminar and placement in mental health/community service setting.

PSYCH 307 Seminar in Psychological Services II 3 hrs, 3 cr. Prereq: PSYCH 306 and perm instr. 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 instr. Sex-related behavior in human and non-human animals emphasizing evolutionary and neuroendocrinological processes.

PSYCH 310 Research Methods and Special Problems in Child Development 4 hrs (2lec, 2lab), 3 cr. Prereq: PSYCH 150 or 210 and perm instr. Theory and research in child development, with laboratory exercises in selected problems.

PSYCH 315 Psychological Study of Adult Development 3 hrs, 3 cr. Prereq: PSYCH 210; or PSYCH 150 and six additional credits at or above the 200 level. Theories and research concerning the personal and social development of men and women in adulthood—the patterns of psychological changes related to aging.

PSYCH 322 Problems in Psycholinguistics 3 hrs, 3 cr. Prereq: PSYCH 270 or perm instr. Psychological and psychophysiological correlates of language from experimental and theoretical perspectives.

PSYCH 323 Child Psychopathology 3 hrs, 3 cr. Prereq: PSYCH 212 or 223. Survey and evaluation of empirical and theoretical approaches to the major psychological abnormalities that arise in childhood and adolescence; their characteristics, causes, and treatments.

PSYCH 326 Psychoanalytic Theories 3 hrs, 3 cr. Prereq: PSYCH 220. Historical, theoretical, empirical approaches. Evaluation and integration with learning and ethological theory.

PSYCH 327 Motivation 3 hrs, 3 cr. Prereq: 6 cr in PSYCH courses at or above the 200 level or perm instr. 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 340 Industrial and Organizational Psychology 3 hrs, 3 cr. Prereq: 6 cr. in PSYCH courses at or above the 200 level including PSYCH 206 or
Religion

Program Office  West Building room 1241, phone 772-4986
Director  Barbara Sproul
Associate Professors  Forman, Sproul
Coordinating Committee  Cudlity (Sociology), Green (Classical and Oriental Studies), Stambaugh (Philosophy), Richards (Black and Puerto Rican Studies), Seltzer (History), Sproul (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.

Course Access Codes  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DX and DW apply to all REL-prefix courses. See department listings of courses with prefixes other than REL. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement  The distribution requirement in humanities and the arts (Category V, Group 2) may be fulfilled by REL 110, 111, 204, 205, 207, 251, 252, 253, or 254. 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 credits are to be taken from the following 4 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 director, 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

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

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

REL 260 Special Topics: Theoretical Studies in Religion 3 hrs, 3 cr. Specialized study of a methodological approach to the study of religion. Different topic each time offered.

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 instr. Offered on demand. Geographic views of religion and religious phenomena. Origin, diffusion, distribution, pilgrimages, environmental impact.

PHILO 252 Sociology of Religion 3 hrs, 3 cr. Prereq: SOC 121 or perm instr. Comparative functional study of religion in human societies. Analysis of beliefs, myths, and sacred attitudes.

REL 360 Special Topics: Theoretical Studies in Religion 3 hrs, 3 cr. 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 Faith and Disbelief 3 hrs, 3 cr. Examination of questions of faith and 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 261 Special Topics: Issues in Religion 3 hrs, 3 cr. Study of particular religious topics or thinkers. Different subject each time offered.

REL 307 Religious Ideas in Modern Literature 3 hrs, 3 cr. Exploration of religious themes in modern literature.

REL 308 Religion and the Arts 3 hrs, 3 cr. Examination of religious themes in art, music, theatre, cinema, or literature. Different topics each time offered.

REL 309 The Religious Meaning of Love and Sex 3 hrs, 3 cr. Interdisciplinary investigation of the major ways humankind has understood the relation between the sexually erotic and religious realities.

REL 310 The Religious Meaning of Death 3 hrs, 3 cr. Consideration of the meaning of death in major world religions.

REL 311 Women and Religion 3 hrs, 3 cr. An examination of the role of women and the concept of the feminine in world religions.

REL 312 Religion and Politics 3 hrs, 3 cr. The role of political ideology in the shaping of religious belief and theology's influence on politics in Western and non-Western traditions, both conservative and radical.

REL 315 The Problem of Evil 3 hrs, 3 cr. Exploration of the religious meaning of "evil" in different cultures.

REL 334 Mysticism 3 hrs, 3 cr. Cross-cultural exploration of mystical experience and mystical doctrines, as well as an exploration of the various methods of studying them.

REL 335 Myth and Ritual 3 hrs, 3 cr. Cross-cultural exploration of myth and ritual and their place in various cultures; methodologies for analysis.

REL 361 Special Topics: Issues in Religion 3 hrs, 3 cr. Study of particular religious topics or thinkers. Different subject each time offered.

IV. Religious Traditions

REL 251 Eastern Religions 3 hrs, 3 cr. Study of Hinduism, Buddhism, Jainism, Taoism, and Confucianism.

REL 262 Special Topics: Religious Traditions 3 hrs, 3 cr. Specialized study of specific religious traditions or groups of traditions. Different topic each time offered.

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 219 Asian Philosophies 3 hrs, 3 cr. Prereq: 1 course in philosophy or perm instr. Readings from classics of Indian, Chinese, and Japanese philosophy drawn from the traditions of Buddhism, Hinduism, Taoism, and Confucianism.

BLPR 220 African Spirituality in the Diaspora 3 hrs, 3 cr. The nature and expressions of the spiritual ethos enabling the survival of classical African human values in dehumanizing circumstances during and after enslavement in North America, South America, and the Caribbean.

BLPR 322 African World View: Philosophy and Symbolic Thought 3 hrs, 3 cr. Prereq: BLPR 222 or perm instr. In-depth examination of African religious thought with emphasis on philosophical concepts that underlie African civilization.

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

BLPR 362 Folk Religion in Puerto Rico 3 hrs, 3 cr. Prereq: BLPR 141 or 243. Reading knowledge of Spanish suggested. Analysis of roots of folk religion in Indian, African, and Spanish cultures. Religious syncretisms, popular imagery, and ritual prac-

BLPR 320 The Black Church and Social Change 3 hrs, 3 cr. Prereq: BLPR 141 or 202 or perm instr. In-depth study of socio-political role of Black church in political struggle of Black people, with special emphasis on America.

REL 252 Ancient Near Eastern Religions 3 hrs, 3 cr. Study of Egyptian religion, religions of Sumer and Babylon, religion of the early Hebrews (including the Old Testament).

REL 253 Western Religions 3 hrs, 3 cr. Survey of major Western religions—Christianity, Judaism, Zoroastrianism, and Islam.

HEBR 240 Introduction to the Old Testament 3 hrs, 3 cr. Survey of the books of the Old Testament, their forms, content, and cultural background. Introduction to the tools and methods of modern biblical criticism.

HEBR 259 Old Testament Religion 3 hrs, 3 cr. Comprehensive survey of ancient Israelite religious practice, expression, and thought as reflected in Hebrew Bible.

HEBR 286 Ancient Near Eastern Literature 3 hrs, 3 cr. Comparative study of Ancient Near Eastern literature and Hebrew Bible.

HEBR 292 Hebrew Prophets 3 hrs, 3 cr. Study of phenomenon of prophecy in ancient Israel and its contribution to historical, ethical, and religious thought.

HEBR 294 Job, Ecclesiastes, and the Human Predicament 3 hrs, 3 cr. Study of form, content, and religious significance of these 2 enigmatic masterworks.

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 309 Jewish History in the Ancient World 3 hrs, 3 cr. Not open to freshmen. Jewish people from origins to late antiquity; social and intellectual developments from Biblical to Talmudic eras.

HIST 310 Jewish History in Medieval and Early Modern Periods 3 hrs, 3 cr. Not open to freshmen. Jewish people from late antiquity to 17th century; social and legal status under Islamic and Christian rulers; religious and intellectual movements.

HIST 320 Jewish History in Modern World 3 hrs, 3 cr. Not open to freshmen. From 18th century to present: Enlightenment, emancipation, nationalism, and Jewish State; anti-Semitism and Holocaust; recent trends.

REL 322 Islam 3 hrs, 3 cr. Study of Islam, its development, history, literature, philosophy, and religious practices.

REL 323 Christianity 3 hrs, 3 cr. Analysis of the Christian religion which employs methodologies of the academic study of religion and which aims to uncover the unity of Christian faith embodied in its various expressions.

REL 324 Islam and Buddhism 3 hrs, 3 cr. Study of Islam and Buddhism, their foundations, development, beliefs, rituals, and interaction.

CLA 303 Religion of Ancient Greece 3 hrs, 3 cr. Ancient Greek religious experience: official rites, mystery cults, oracles, personal religious belief and practice.

CLA 304 Pagans and Christians 3 hrs, 3 cr. Transformation of classical culture in late antiquity: religion, philosophy, mysticism, magic, astrology.


REL 333 Christian Theology 3 hrs, 3 cr. An examination of key doctrines in Christian thought such as trinity, incarnation, existence of God, and grace.

HIST 314 History of Christianity I 3 hrs, 3 cr. From Jesus to Luther; mysticism, theology, monasticism, the Papal church and its crises.

HIST 315 History of Christianity II 3 hrs, 3 cr. Not currently given.

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.

REL 254 Tribal Religions: From Australia to the Americas 3 hrs, 3 cr. Study of indigenous religions of Pacific Islanders and North American Indians.

REL 362 Special Topics: Religious Traditions 3 hrs, 3 cr. Specialized study of specific religious tradition or groups 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 450 Seminar in Religion 3 hrs, 3 cr. Prereq: Five courses in Religion; permission of the instructor or Program in Religion Director; a major or CUNY-BA focus in religion. Specialized studies in Religion. Different topic each time offered. For Religion majors or other advanced Religion students. May be taken a second or third time with another subject.

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.

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

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

CHIN 111 Chinese Culture I 3 hrs, 3 cr. Introduction to Chinese culture tradition with emphasis on classical tradition. Lectures and readings in English.

CHIN 112 Chinese Culture II 3 hrs, 3 cr. Emphasis on modern transformation against background of classical tradition. Lectures and readings in English.

CLA 101 Classical Mythology 3 hrs, 3 cr. Greek and Roman myths as represented in ancient art and literature, with emphasis on modern interpretations and theories.

CLA 302 Comparative Backgrounds of Classical Mythology 3 hrs, 3 cr. Mythological systems that bear on classical myth, including Egyptian, Mesopotamian, Hittite, Ugaritic, and Celtic myths.

HEBR 284 Images of Women in the Old Testament, in Translation 3 hrs, 3 cr. Depiction of women in ancient Israelite prose and poetry. Close reading and analysis of texts in terms of literary techniques, cultural background, and ideological implications.

HEBR 286 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 290 Biblical Archeology 3 hrs, 3 cr. Study of Biblical sources in translation in relation to major archeological discoveries in Israel and Near East.

HEBR 295 Ancient Hebraic Law 3 hrs, 3 cr. Historical and comparative study of Biblical and Rabbinic law.

HEBR 296 The Dead Sea Scrolls, in English 3 hrs, 3 cr. Readings in the various genres of the scrolls; historical background of Qumran sect; significance of the scrolls for study of Judaism and Christianity.
Romance Languages

Department Office  West Building room 1341, phone 772-5120
Chair  Xoán González-Millán
Professors  Charney, Di Scioppo, González-Millán, Guíñez-Vega, Hortaas, Knapp, Pellicer, Piottel, Przybos, Sautman, Szogyi, Weil, Yüdice
Associate Professors  Costa, Nebel, Nimetz, Paynter, Perna, Purczynsky
Assistant Professors  Barsoum, Conchado, Facoli
Lecturers  Chace, Spitzer
Advisors  (French) Cecile Insdorf, (Italian) Maria Paynter, (Spanish) Diana Conchado

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 to satisfy the foreign language requirement. With a major, the student gains a 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 school. Others use their language in bilingual education, interpreting, translating, business law, international affairs, communications, science, medicine, and fashion industries.

Course Access Codes  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DX and DW apply to FREN 241-262; ITAL 276, 335-338; SPAN 241, 263, 264, and 313-321; and PORT 260. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement

Category III

1. Students pursuing a new language will fulfill the language requirement in 4 college semesters by completing one of the following sequences:
   a. French: FRENCH 101, 102, 201, and 202 or 103 and 203.
   b. Italian: ITAL 101, 102, 201, and 202 or 103 and 203.
   c. Spanish: SPAN 101, 102, 201, and 202 or 103 and 203 or 205, 206, 207, and 208.

2. Students continuing a language studied for 1 year in high school need 3 additional college semesters:
   a. French: FREN 102, 201, and 202 or 102 and 203.
   b. Italian: ITAL 102, 201, and 202 or 102 and 203.
   c. Spanish: SPAN 102, 201, and 202 or 102 and 203 or 206, 207, and 208.

3. Students continuing a language studied for 2 years in high school need 2 additional college semesters:
   a. French: FREN 201 and 202 or 203.
   b. Italian: ITAL 201 and 202 or 203.
   c. Spanish: SPAN 201 and 202 or 203 or 207 and 208.

4. Students continuing a language studied for 3 years in high school need 1 additional college semester:
   c. Spanish: SPAN 202 or 208.

5. Students who have studied a language in high school for 4 years have fulfilled the language requirement.

6. Students who have a high school diploma in a foreign language from a foreign country have fulfilled the language requirement.

Category IV

Students may fulfill Part 2 of the literature requirement by taking credits in literature written and studied in the original Italian, French, Spanish, or Portuguese or 3 credits in literature presented in English translation.

Category V

Students may fulfill Group 3 of the humanities and the arts requirement by taking 3 credits in culture and civilization in translation (FREN 241 or 242 or SPAN 241).

French Major (24 cr) FREN 341, 342, and 375; 15 credits from FREN 343, 344, 345, 346, 347, 348, 349, 350, 351, 353, 360, 361, 362, 363, 364, 365, and 491. Only 24 credits in 300- and 400-level courses are required, but 27 to 30 credits are recommended for students who wish to teach French.

Italian Major (24 cr) ITAL 341, 342, 343; 444 or 345; 12 cr chosen from 345-351, 360-365, 370, and 375.

Spanish Major (24 cr) SPAN 311 and 312 are required of all majors; they are exempted by the departmental advisor. SPAN 341 is prerequisite to all major literature courses and SPAN 342 is required of all majors. Other 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 and 6 in Spanish literature before the 19th century. 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 wanting to specialize in 2 Romance languages. Required: FREN 341 and 342 in the 2 chosen languages (French, Italian, Spanish); the remaining 12 credits (6 cr in each of the 2 chosen languages) are to be taken in advanced literature courses chosen in consultation with appropriate advisors. Students are urged to take more than the minimum number of courses in each of the chosen languages.

Minor  Students majoring in one (or more) Romance language(s) take, as a minor, 12 credits in one field of study, which must be approved by the departmental advisor. Students minoring in the Department of Romance Languages must consult with their major departmental advisor for course approval of their 12 minor credits.

Preparation for Secondary School Teaching  Students interested in teaching French, Italian, or Spanish in New York schools may count 12 credits of courses from the Secondary Education sequence as a minor. This minor may count towards the course requirements for New York State certification or New York City licensing, but will not by itself be sufficient for either of these. Students interested in a teaching career should consult with the Division of Programs in Education (Office of Education Services, Room 1000 W).

Preparation for Elementary School Teaching  Students are urged to take advanced grammar and advanced composition courses (311 and 312) listed among the various Romance languages. Students should also consult the Education section of this catalog for education course requirements for certification for elementary school teaching.
Credit One-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.

New York/Paris Exchange Program Available to qualified students and recommended to students majoring in French (see p. 40).

Honors Students qualified to graduate with departmental honors must take an honors course or equivalent approved by the departmental advisor. Departmental honors will be conferred upon a recommendation from the Committee on Honors. Students must present a substantial paper of at least 7,000 typewritten words in one of the 3 Romance languages (their language of specialization). Consult the department for further information.

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 the Graduate Catalog for requirements and regulations.

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

Division I French

There are 3 options for students beginning French at Hunter. A regular sequence (FREN 101, 102, 201, 202), an audio-visual sequence (FREN 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 mandatory. Not credited without FREN 102.

FREN 102 Elementary French II 3 hrs, 3 cr. Language lab mandatory. Prereq: FREN 101 or 1 yr of high school French.

FREN 102.50 "En Route to France": Beginning French Conversation and Cultural Enrichment 2 hrs, 2 cr. Coreq: FREN 102. Not credited toward language requirement. Conversational practice, cultural texts, and activities for 2nd semester French students.

FREN 103 Intensive Elementary French 6 hrs, 6 cr. Language lab mandatory. Covers in 1 semester material normally covered in 2.

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 203 Intensive Intermediate French 6 hrs, 6 cr. Language lab mandatory. Covers in 1 semester material normally covered in 2. Prereq: FREN 102 or 2 yrs of high school French.

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.

Note: FREN 241 through 262 may not be offered on a regular basis.

FREN 241 Early French Civilization: From Gothic to Revolution* 3 hrs, 3 cr. Conducted in English; readings in English.

FREN 242 Modern French Civilization: From Revolution to Present* 3 hrs, 3 cr. Conducted in English; readings in English.

FREN 251 French Literature and the Arts* 3 hrs, 3 cr. Conducted in English; readings in English and French. 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. Impressionist, symbolist, cubist, Dada, and surrealistic 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. 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. Investigation of various currents of 20th-century literary and aesthetic criticism as practiced in France.

FREN 256 Dream and Image** 3 hrs, 3 cr. Conducted in English. Descartes, La Fontaine, Racine, Diderot, Nerval, Balzac, Hugo, Baudelaire, Gautier, Rimbaud, Larieuxmont, Breton, Artaud, Proust.

FREN 257 Literary Cross-Currents* 3 hrs, 3 cr. Conducted in English. Prereq: Reading knowledge of French. Topics: Interaction of French and Russian literature, of French and American literature; the myth of Germany in French literature; Shakespeare in France; Dante and French literature.

FREN 258 French Poetry In Translation 3 hrs, 3 cr. Conducted in English. Study of major themes, themes, and texts from 16th century to contemporary period.

FREN 259 French Theatre In Translation* 3 hrs, 3 cr. Conducted in English; readings in English. Development of French theatre from 17th to 20th century. Great plays that have become known in English translation.

FREN 260 French Novel In Translation (1600-1900)* 3 hrs, 3 cr. Readings in English; conducted in English. 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. From Gide and Proust to present.

FREN 262 Perspectives on Women in French Literature* 3 hrs, 3 cr. Conducted in English; readings in English. 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 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.

FREN 321 French Translation 3 hrs, 3 cr. Prereq: FREN 202 or equiv.

FREN 331 French Phonetics and Diction 3 hrs, 3 cr. Prereq: FREN 202.


FREN 341 Survey of French Literature from the Middle Ages to the End of the 17th Century. 3 hrs, 3 cr. Prereq: FREN 202 or 4 yrs of high school French.

FREN 342 Survey of French Literature from the 18th Century to the Modern Period, 3 hrs, 3 cr. Prereq: FREN 202 or 4 yrs of high school French.

FREN 341 AND 342 ARE PREREQUISITE TO ALL COURSES NUMBERED 343 AND ABOVE

FREN 343 Medieval and Renaissance French Literature 3 hrs, 3 cr. From medieval epics, lyrical poetry, and mystery plays to writers such as Sève, Du Bellay, Ronsard, Rabelais and Montaigne.
FREN 344 17th-century French Literature 3 hrs, 3 cr. Such authors as Boileau, Bossuet, Cornelle, Cyrano de Bergerac, La Bruyère, Mme de Lafayette, La Fontaine, Malherbe, Molière, Pascal, Racine, Mme de Sévigné, St.-Simon.

FREN 346 18th-century French Literature 3 hrs, 3 cr. Such authors as Beaumarchais, Buffon, Chénier, the Encyclopedists, Diderot, Laclos, Marivaux, Montesquieu, Prévost, Rousseau, Sade, Voltaire.

FREN 348 19th-century French Literature (1800-1850) 3 hrs, 3 cr. Offered every year. Such authors as Balzac, Chateaubriand, Constant, Gautier, Hugo, Lamartine, Musset, Sand, Mme de Staël, Stendhal, Vigny.

FREN 349 19th-century French Literature (1850-1890) 3 hrs, 3 cr. Such authors as Barbery d'Aurevilly, Barrès, Baudelaire, Daudet, Flaubert, France, Huysmans, Leconte de Lisle, Mallarmé, Maupassant, Renan, Rimbaud, Sainte-Beuve, Taine, Verlaine. Villiers de l'Isle-Adam, Zola.

FREN 350 20th-century French Literature to 1930 3 hrs, 3 cr. Such authors as Apollinaire, Aragon, Breton, Claudel, Cocteau, Colette, Eliard, Gide, Giraudoux, Péguy, Proust, Romans, Valéry.

FREN 351 20th-century French Literature from 1930 to the Present 3 hrs, 3 cr. Such authors as Beauvoir, Beckett, Camus, Céline, Duris, Genêt, Ionesco, Malraux, Mauriac, Pecre, Robbe-Grillet, Sarrute,Sartre, Simon.

FREN 353 Italian & Afro-French Literature 3 hrs, 3 cr. Writers of francophone Africa and Antilles: Camara Laye, Léopold Senghor, Birago Diop, Ferdinand Gyono, Aimé Césaire, Bénard Dadié, Monge Beti, and Cheik Hamidou Kane.

FREN 360 French Literature: Special Topics 3 hrs, 3 cr.

FREN 361 Middle Ages and the Renaissance: Special Topics 3 hrs, 3 cr.

FREN 362 The 17th Century: Special Topics 3 hrs, 3 cr.

FREN 363 The 18th Century: Special Topics 3 hrs, 3 cr.

FREN 364 The 19th Century: Special Topics 3 hrs, 3 cr.

FREN 365 The 20th Century: Special Topics 3 hrs, 3 cr.

Topics to be offered may include single authors, themes, genres, movements, or approaches.

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. Readings, discussion, and reports.

FREN 491 Honors Course in French 3 hrs, 3 cr. Prereq: FREN 344, 346, 348. Jr/Sr only; major GPA 3.2, cumulative GPA 2.8; Research in history of French literature.

FREN 495 Independent Study in French Literature 1, 2, or 3 cr. perm advis.

Division II Italian

There are 2 options for students beginning Italian at Hunter: a regular sequence (ITAL 101. 102, 201, 202) which emphasizes reading and writing, and an intensive sequence at the freshman level (ITAL 103) which covers in 1 semester material normally covered in 2.

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 102.51 Elementary Italian Conversation 2 hrs, 2 cr. Coreq: ITAL 102 or perm inst. Not credited toward language requirement. Elementary Italian conversation at the 2nd semester level.

ITAL 103 Intensive Elementary Italian 6 hrs, 6 cr. Language lab. Covers in 1 semester material normally covered in 2.

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 203 Intensive Intermediate Italian 6 hrs, 6 cr. Language lab mandatory. Prereq: ITAL 102 or 103. Covers in 1 semester material normally covered in 2.

ITAL 221 Italian for Oral Communication** 3 hrs, 3 cr. Prereq: ITAL 202 or dept. perm. Not credited toward major but recommended for majors and minors. A highly interactive course developing oral communication skills in Italian; includes practice in the written language and the study of culture.

ITAL 275 Masterpieces of Italian Literature** 3 hrs, 3 cr. Prereq: ITAL 202 or equiv. Selections from Dante to Leopardi. STRONGLY RECOMMENDED BEFORE TAKING ANY 300-LEVEL COURSE.

ITAL 276 Dante's Divine Comedy in English 3 hrs, 3 cr. Prereq: ENGL 120. Introduction to Dante's Divine Comedy, with particular emphasis on the Inferno.

ITAL 311 Advanced Italian Grammar 3 hrs, 3 cr. Prereq: ITAL 311 or equiv.

ITAL 312 Advanced Italian Composition 3 hrs, 3 cr. Prereq: ITAL 311 or equiv.

ITAL 321 Italian Translation 3 hrs, 3 cr. Prereq: ITAL 311 or equiv.

ITAL 331 Italian Phonetics and Diction 3 hrs, 3 cr. Prereq: ITAL 202 or equiv.

ITAL 335 Italian Culture I 3 hrs, 3 cr. Prereq: ITAL 202 or 4 yrs of high school Italian. Main intellectual-esthetic 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. Main intellectual-esthetic currents from 16th to 20th century.

ITAL 337 Italian Women Writers from the Middle Ages to the 18th Century, in translation 3 hrs, 3 cr. Prereq: ENGL 120. Study of such writers of prose and poetry as St. Catherine of Siena, La Compiuta Donzella, Veronica Gambera, Gaspara Stampa, Vittoria Colonna, Diodata Saluzzo.

ITAL 338 19th- and 20th-century Italian Women Writers, in translation 3 hrs, 3 cr. Prereq: ENGL 120. Study of such representative writers as Matilde Serao, Sibilla Aleramo, Eliso Morante, Natalie Ginzburg, Dacia Maraini.

ITAL 341 Introduction to Italian Literature from the Middle Ages to the 16th Century 3 hrs, 3 cr. Prereq: ITAL 202. Selections from Dante through A prio.

ITAL 342 Introduction to Italian Literature from the 16th Century to the Present 3 hrs, 3 cr. Prereq: ITAL 202, Selections from Tasso to contemporary works.

ITAL 343 Dante's Vita Nuova and Inferno 3 hrs, 3 cr. Pr or coreq: ITAL 341.

ITAL 344 Dante's Purgatorio and Introduction to Paradiso 3 hrs, 3 cr. Prereq: ITAL 343.

ITAL 345 Dante's Paradiso and Major Prose Works 3 hrs, 3 cr. Prereq: ITAL 343.

ITAL 346 Petrarch, Boccaccio, and the Literature of Humanism 3 hrs, 3 cr. Pr or coreq: ITAL 341. If Canzoniere and Il Decameron.

ITAL 347 16th-century Italian Literature 3 hrs, 3 cr. Pr or coreq: ITAL 341. Study of such authors as Ariosto, Castiglione, Guicciardini and Machiavelli.

ITAL 348 17th and 18th-century Literature 3 hrs, 3 cr. Pr or coreq: ITAL 341. Study of such authors as Tasso, Goldoni, and Alfieri.

ITAL 349 The Modern Italian Lyric 3 hrs, 3 cr. Pr or coreq: ITAL 342. From Leopardi to contemporaries.


ITAL 351 The Modern Italian Theatre 3 hrs, 3 cr. Pr or coreq: ITAL 342. Plays of Goldoni, Manzoni, Alfieri, d'Annunzio, Pirandello, Bertini, and contemporaries.

ITAL 360 The Middle Ages: Special Topics 3 hrs, 3 cr. Pr or coreq: ITAL 341.

ITAL 361 The Renaissance: Special Topics 3 hrs, 3 cr. Pr or coreq: ITAL 341.

ITAL 362 The 17th Century: Special Topics 3 hrs, 3 cr. Pr or coreq: ITAL 342.

ITAL 363 The 18th Century: Special Topics 3 hrs, 3 cr. Pr or coreq: ITAL 342.

Coursese marked with an asterisk are not credited toward the major or minor.

Courses marked with an asterisk are not credited toward major.
ITAL 364 The 19th Century: Special Topics 3 hrs, 3 cr. Pre- or coreq: ITAL 342.

ITAL 365 The 20th Century: Special Topics 3 hrs, 3 cr. Pre- or coreq: ITAL 342.

ITAL 370 Italian Literature: Special Topics 3 hrs, 3 cr. Pre- or coreq: ITAL 341 or 342 (depending on the topic).

Topics to be offered may include individual authors, themes, genres, movements, or approaches.

ITAL 375 Seminar in Italian Literary History 3 hrs, 3 cr. Prereq: ITAL 341 and 342. Strongly recommended for all Italian majors. 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 Jr/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.

Division III Spanish

Spanish Courses Taught in English

These courses are designed for students who want to become acquainted with Spanish culture. They cannot be credited toward the major and are not recommended for the minor.

SPAN 241 Civilization of Spain, in English* 3 hrs, 3 cr. An integrated presentation of Spanish civilization, combining historical and literary and other cultural aspects.

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.

First-Level Courses

First-level courses offer 2 approaches to the language: Spanish for English speakers (SPAN 101, 102, 201, 202 or intensive SPAN 103 and 203) or Spanish for native speakers (SPAN 205, 206, 207, 208).

SPAN 101 Elementary Spanish I 3 hrs, 3 cr. Language lab mandatory. Not credited without SPAN 102.

SPAN 102 Elementary Spanish II 3 hrs, 3 cr. Language lab mandatory. Prereq: SPAN 101 or 1 yr of high school Spanish.


SPAN 103 Intensive Elementary Spanish 6 hrs, 6 cr. Language lab mandatory. Covers in 1 semester material normally covered in 2.

SPAN 201 Intermediate Spanish I 3 hrs, 3 cr. Prereq: SPAN 102 or 2 yrs of high school Spanish.

SPAN 202 Intermediate Spanish II 3 hrs, 3 cr. Prereq: SPAN 201 or 3 yrs of high school Spanish or grade of A in SPAN 102.

SPAN 203 Intermediate Spanish 6 hrs, 6 cr. Prereq: SPAN 102 or 2 yrs of high school Spanish. Covers in 1 semester material normally covered in 2.

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.

Second-Level Courses

Second-level courses are recommended for students who want to attain fluency for further studies in Spanish. They are excellent choices for those minoring in Spanish or preparing to major in Spanish literature.

SPAN 211 Spanish Grammar and Composition 3 hrs, 3 cr. Prereq: SPAN 202 or 203. Not recommended for fluent speakers of Spanish. Study of grammatical and syntactical patterns. Practice in reading, writing, and speaking Spanish.

SPAN 212 Spanish for Classroom Communication 3 hrs, 3 cr. Prereq: SPAN 201 or equiv.

SPAN 221 Spanish for Oral Communication 3 hrs, 3 cr. Prereq: SPAN 202 or equiv and approval of Spanish advisor. Not recommended for fluent Spanish Speakers.

SPAN 270 Spanish Composition for Spanish-speaking Students 3 hrs, 3 cr. Prereq: SPAN 208 or equiv.

SPAN 275 Readings in Modern Spanish Literature** 3 hrs, 3 cr. Prereq: SPAN 202 or 4 yrs of high school Spanish. 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. Representative writers: Borges, Neruda, Cortázar, García Márquez.

Spanish Writing Sequence

SPAN 311-315 are designed to prepare students to write professionally. SPAN 311 and 312 are required for all Spanish majors and recommended for other qualified students who have completed first-level courses.


SPAN 312 Advanced Spanish Writing 3 hrs, 3 cr. Prereq: SPAN 311 or equiv. Applying morphosyntactical patterns through intensive composition. Exploration of various writing forms. Required of all Spanish majors.

SPAN 313 Spanish Stylistics 3 hrs, 3 cr. Prereq: ENGL 120; SPAN 311, 312, 341, 342. Practice in Spanish writing through stylistic analysis of poetic and narrative structures and the relationship of text and context.

SPAN 314 Spanish Writing Workshop I: Poetry 3 hrs, 3 cr. Prereq: ENGL 120; SPAN 311, 312, 313, 341, 342. Creative self-expression in Spanish through writing poetry.

SPAN 315 Spanish Writing Workshop II: Narrative 3 hrs, 3 cr. Prereq: ENGL 120; SPAN 311, 312, 313, 341, 342. Creative self-expression in Spanish through writing narrative.

SPAN 321 Spanish Translation 3 hrs, 3 cr. Prereq: fluency in reading and writing Spanish and English.

SPAN 331 Spanish Phonetics and Diction 3 hrs, 3 cr. Prereq: SPAN 202 or equiv.


Third-Level Courses

Third-level courses are designed for students who want to major in Spanish literature or are highly qualified and are accepted by the Spanish advisor.

SPAN 341 Introduction to Hispanic Literature I 3 hrs, 3 cr. Prereq or coreq: SPAN 311 or coreq instr. SPAN 341 is prerequisite or corequisite to all other courses in major 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; coreq: SPAN 312.
The Literature of Spain

SPAN 343 Spanish Literature of the Middle Ages 3 hrs, 3 cr. Prereq: SPAN 341. Epic and lyric poetry, Romancero; origins of Spanish novel, La Celestina.

SPAN 345 Spanish Drama of Golden Age 3 hrs, 3 cr. Prereq: SPAN 341. Theatre of 16th and 17th centuries, Lope de Vega and Calderón.

SPAN 346 Cervantes 3 hrs, 3 cr. Prereq: SPAN 341. Don Quijote.

SPAN 349 Spanish Prose of the Golden Age 3 hrs, 3 cr. Prereq: SPAN 341. Principal themes and genres of prose production in Spain in the 16th and 17th centuries, with emphasis on such authors as Rojas, Santa Teresa, Cervantes, Zayas, and Quevedo.

SPAN 350 Spanish Poetry of the Golden Age 3 hrs, 3 cr. Prereq: SPAN 341. Principal forms and issues of poetic composition in Spain in the 16th and 17th centuries, with emphasis on major poets such as Garcilaso, Fray Luis, San Juan de la Cruz, Lope, Quevedo, and Gongora.

SPAN 353 Spanish Neoclassicism and Romanticism 3 hrs, 3 cr. Prereq: SPAN 341. Representative works of Neoclassical and Romantic periods, including costumbri smo.

SPAN 355 Spanish Literature from Realism to World War I 3 hrs, 3 cr. Prereq: SPAN 341. From Realism and Naturalism through the Generation of 1898 and Modernism.

SPAN 357 Early 20th-century Spanish Literature 3 hrs, 3 cr. Prereq: SPAN 341. Presentation of the major writers and works of the first 40 years of 20th-century Spanish literature.

SPAN 358 Post-Civil War Spanish Literature 3 hrs, 3 cr. Major trends and writers since the Spanish Civil War, with particular attention to the social, cultural, and political context.

The Literature of Latin America

SPAN 360 Spanish-American Literature of the Colonial Period 3 hrs, 3 cr. Prereq: SPAN 341. Masterpieces from the 16th to the late 18th centuries; from the age of exploration to the period of independence.


SPAN 364 Spanish-American Modernism and Postmodernism 3 hrs, 3 cr. Prereq: SPAN 341 and 347 or 348. Modernist and Postmodernist authors.

SPAN 365 Survey of Spanish-American Teatro 3 hrs, 3 cr. Prereq: SPAN 341. Survey of major trends in Spanish-American dramatic literature from colonial days to the present, with emphasis on the second half of the 20th century.

SPAN 366 20th-century Latin American Poetry 3 hrs, 3 cr. Prereq: SPAN 341. Major trends, such as Vanguardia, Brazilian Modernismo, Caribbean poetry, Anti-Poetry, Exteriorismo, and popular poetry.

SPAN 367 Latin American Essay 3 hrs, 3 cr. Prereq: SPAN 341. Exploration of the essay as an aesthetic form and its role in the social and cultural struggles that have marked Latin-American history.

SPAN 368 20th-century Latin American Narrative 3 hrs, 3 cr. Prereq: SPAN 341. Major trends, such as the Indianist novel, Mexican Revolution, social and psychological realism, novel of the "Boom," novel of the dictator.

Special Topics and Honors

SPAN 370 Special Topics in Spanish Literature 3 hrs, 3 cr. Prereq: SPAN 347 or 348. May be repeated with different topic.

SPAN 371 Special Topics in Spanish-American Literature 3 hrs, 3 cr. Prereq: SPAN 347 or 348. May be repeated with different topic.

SPAN 373 Problems in Criticism 3 hrs, 3 cr. Prereq: SPAN 341. Major trends in contemporary literary theory and criticism.

SPAN 375 Seminar in Spanish Literary History 3 hrs, 3 cr. Recommended for seniors. 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. 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. 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.

PORT 102 Elementary Portuguese II 3 hrs, 3 cr. Language lab. Prereq: PORT 101 or 1 yr of high school Portuguese.

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.

PORT 260 Brazilian Narrative in 19th and 20th Centuries in Translation 3 hrs, 3 cr. Summary of literary trends in Brazilian literature after 1850; major literary figures of late 19th and 20th centuries. Conducted in English.

*Courses so marked are not credited toward the major or minor.
**Courses so marked are not credited toward major.
Russian and Slavic Languages

DIVISION OF CLASSICAL AND ORIENTAL STUDIES

Division Office  West Building room 1330, phone 772-5060/59
Division Head  Alex E. Alexander
Professors  Alexander, Beaudou, Draiter
Advisors  (day) Alex E. Alexander, Elizabeth Beaudou
          (evening) Emil A. Draiter

The Russian Division of the Department of Classical and Oriental Studies offers a rich curriculum designed for students who seek competence in spoken and written Russian and a solid background in and knowledge of Russian literature and culture. The Russian Division also offers a number of courses in 2 related Slavic languages, Polish and Ukrainian.

Courses in the division are recommended to students from other disciplines who want 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.

Course Access Codes  Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. Codes DR, DX, DL, DY apply to RUSS 157; Codes DL, DY apply to RUSS 255; Codes DR, DX, DL, DY, and DW apply to RUSS 250-254 and RUSS 256-293. See Course Access Codes section of this catalog.

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) may be fulfilled by the following sequence of courses:

RUSS 101-102 or 103, 201, 202 or
POL 101-102, 201, 202 or
UKR 101-102, 201, 202.

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 literature requirement (Category IV, Part 2) may be fulfilled by literature courses in Russian as well as in English translation. The requirement for humanities and the arts (Category V, Group 3) may be fulfilled by RUSS 155, 156, 157, or 255.

Major  The Russian major consists of no fewer than 24 credits chosen 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 permission of the division head, a limited number of courses in translation may be applied to the major sequence.

Minor  No fewer than 12 credits from other disciplines. Consultation with the division head is recommended.

Preparation for Secondary School Teaching: Students interested in teaching Russian in New York schools may count 12 credits of courses from the secondary education sequence as a minor. This minor may count towards the course requirements for New York State certification or New York City licensing but we not by itself be sufficient for either of these. Students interested in a teaching career should consult with the Division of Programs in Education (Office of Educational Services, Room 1000 W).

Electives  All courses offered by the Russian division are open to qualified students for elective credit.

Graduate Courses  Qualified students may be admitted to some graduate literature courses with written permission of the division head.

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

I. Russian Language

RUSS 101, 102 Elementary Russian 2 sems, 3 hrs, 3 or each sem. Introduction to Russian language. Practice in spoken Russian. Reading of simple texts. RUSS 101 not credited without RUSS 102.

RUSS 103 Elementary Russian (Intensive) 6 hrs, 6 cr. Intensive study of the Russian language. Two semesters in 1.

RUSS 201 Intermediate Russian I 3 hrs, 3 cr. Prereq: RUSS 102 or 103. Selected readings in prose. Continued practice in written and spoken Russian. Grammar review.


II. Conducted in Russian

RUSS 301 Advanced Russian I 3 hrs, 3 cr. Speaking, writing, and reading Russian. Sentence structure; oral and written reports.

RUSS 302 Advanced Russian II 3 hrs, 3 cr. Reading and critical analysis of selected literary and journalistic texts. Consideration of levels of style, problems of idiom and syntax. Written and oral reports.

RUSS 312 Advanced Russian Conversation I 3 hrs, 3 cr. Conversation and oral exercises: discussions based on readings of social and cultural interest, Introduction to oral interpreting.

RUSS 313 Advanced Russian Conversation II 3 hrs, 3 cr. Literary, political, social, scientific vocabulary. Scholarly reports and practical exchanges on selected topics.


RUSS 315 Advanced Russian Grammar and Stylistics 3 hrs, 3 cr. Practice in written composition; consideration of verbal aspects, cases, syntax, and idiomatic language.

RUSS 317 Practical Aspects of Translation 3 hrs, 3 cr. Introduction to techniques of translation. Translations of political, journalistic, commercial, scientific, and literary texts.

III. Literature Conducted in Russian

RUSS 321 Russian Short Story and Novella 3 hrs, 3 cr. Analysis of various texts and readings from Gogol, Chekhov, Babel, Solzhenitsyn.

*Courses so marked require RUSS 202 or the equivalent as prerequisite.
RUSS 232 Classical Russian Poetry* 3 hrs, 3 cr. Major poets from the late 18th to mid-19th century, including Lomonosov, Derzhavin, Pushkin, Lerмонтov, and Nekrasov.

RUSS 323 Modern Russian Poetry* 3 hrs, 3 cr. Major poets of the late 19th and 20th centuries, including Fet, Tyutchev, Blok, Mayakovsky, Esenin, Pasternak, and Yevtushenko.

RUSS 324 Literature of Kievan Rus' and Early Russian Literature through the Age of Classicism* 3 hrs, 3 cr. Major literary works of the Kievan period, 968 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 340 19th-century Russian Literature* 3 hrs, 3 cr. Pushkin's Eugene Onegin, Lerмонтov's Hero of Our Time, Gogol's Dead Souls, Turgenev's Fathers and Sons, and others.

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 Brothers Karamazov, and others.

RUSS 342 Modern Russian Literature* 3 hrs, 3 cr. Gorky, Mayakovsky, Oleksha, Babel, Sholokhov, Bulgakov, Nabokov, et al.

RUSS 343 Russian and Soviet Drama* 3 hrs, 3 cr. Development of Russian drama and theatre from early 19th century to present. Griboedov, Pushkin, Gogol, Chekhov, 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, Bock, 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 medieval Russia.

RUSS 156 Culture of Imperial Russia: the Age of Empresses 3 hrs, 3 cr. Major cultural movements of the Empire—baroque, classicism, romanticism—and their effect on the cultural fabric of Russia from Regent Sophia through the reign of Peter to Catherine the Great.

Courses so marked require RUSS 202 or the equivalent as prerequisite.
Sociology

Department Office  West Building room 1622, phone 772-5585, 772-5587; fax 772-5645
Chair  Pamela Stone
Professors  Cuddihy, Hammond, Kuechler, Perinbanayagam
Ringer, Scott, Sidel
Associate Professors  Green, Kasinitz, Kroeger, Lazreg, Mueller, Poppendeck, Stone, Tuckel, Wood
Assistant Professors  Battle, Carter, Madriz, Schlesinger
Advisors (BA Program) Robert Perinbanayagam; (BA/MS Program) Michael Wood

A major in sociology provides the undergraduate with the opportunity to learn a distinct intellectual perspective and a 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, a major in sociology can help to prepare students for many careers: social work, the health 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.

Course Access Codes  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DR, DL, and DY apply to SOC courses at the 100 level; these plus codes DX and DW apply to all other courses. In addition, code DM applies to SOC 241 and 341. *For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement  Two courses may be offered to fulfill the distribution requirement. SOC 101 must be taken in addition to one other course from the following 4 courses: SOC 217, 219, 253, 257.

Major  The sociology major consists of 24 credits. Nine of these credits must include SOC 101, 241, and 341. Three credits must be in either SOC 221 or 223. Of the remaining 12 credits, at least 6 must be in courses above the 300 level.

Minor  Twelve credits in 1 or 2 departments. For information concerning approved courses, consult the major advisor. For students preparing to become social studies teachers at the secondary school level the sequence in secondary education is an appropriate minor.

Special Programs

The COR Program  The Departments of Psychology, Anthropology, and Sociology jointly offer a program called COR (Career Opportunities in Research, Education and Training). 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 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 COR program advisor.

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.

Independent Study  Students may pursue independent study through SOC 371 and 372 (Readings in Sociology), or SOC 471 and 472 (Honors independent Study). These options allow students to initiate and carry out a course of study of their own choosing under the guidance of a faculty sponsor. Students should have a topic and a general plan of study in mind before seeking faculty sponsorship, although advisors are happy to discuss independent study options.

Honors In order to graduate with departmental honors in sociology, students must have a 3.0 GPA overall and a 3.5 GPA in sociology and must complete either an Honors Seminar (SOC 473 or 474) or an Honors Independent Study (SOC 471 or 472). Students whose GPAs are within this range are urged to consult the advisors before planning their senior year programs of study since honors seminars are generally offered only once per year. In addition, students with overall GPAs of at least 2.8 and GPAs of 3.0 in the sociology major are eligible for membership in AKA, the International Sociology Honor Society. See advisors for more information.

Preparation for Research Careers  Students interested in careers in research-related fields such as policy analysis and evaluation, marketing research, advertising, consumer behavior, and public opinion polling, as well as students who are contemplating graduate study in sociology, are encouraged to gain research experience through selected coursework and independent research carried out under faculty supervision. In addition to SOC 241 and 341, which are required for the major, students interested in research should consider selecting electives from the following: SOC 259, 311, 313, 363, and 441. The department also participates in a number of programs that place qualified minority students in summer research internships at leading universities. See advisors for more information.

Preparation for Social Work  Students interested in careers in social work or other human services are strongly encouraged to take the field placement seminar SOC 331/332, preferably during
their junior year. This course provides supervised field experience in a social agency. In addition, students interested in social work should consider selecting electives from the following: SOC 231, 235, 237, and 239.

**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 social studies at the secondary school level. Students who want to qualify for teaching social studies in secondary schools should see the History Department section of this catalog for specific requirements in the social sciences and see the Education section of this catalog for other requirements. Advisement is also available in the Office of Educational Services, Room W 1000.

**Urban Studies** Students who have selected the major/minor concentration in urban studies may select work in sociology to complete the social science component and minor requirements. 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**

*Note:* Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

**Introductory Course**

**SOC 101 Introduction to Sociology** 3 hrs, 3 cr. Development of sociological imagination through introduction and application of basic concepts and alternative frameworks.

**Lower Division**

**SOC 201 Sociology of the Family** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Family functions and interaction. Factors affecting stability and instability.

**SOC 203 Sociology of Education** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Education viewed cross culturally and historically. Schools and colleges as social systems.

**SOC 205 Sociology of Religion** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Comparative study of religion in societies. Analysis of beliefs, myths, and sacred attitudes.

**SOC 207 Leisure and Recreation** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. 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. Prereq: SOC 101 or perm instr. Art as universal social institution; an expression of symbolic world of cultural life.

**SOC 211 Urban Sociology** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Factors determining the size and location of human settlements.

**SOC 213 Political Sociology** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Social classes, leadership, political ideologies, and political elites. Political development and modernization.

**SOC 215 Occupations and Professions** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Roles, structures, development of occupations and professions. Occupational specialization and professionalization.


**SOC 219 American Society** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. 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 101 or perm instr. Classical theorists and their contributions.

**SOC 223 Current Sociological Theory** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Significance of concepts and nature of evidence applied to leading theories. Theory construction.

**SOC 225 Seminar in Selected Problems of Sociology** 3 hrs, 3 cr. Prereq: perm instr. Reading, discussion, and papers on significant problems in sociology.

**SOC 231 Introduction to Social Work Profession** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Introduction to and critical analysis of social work profession in American society.

**SOC 235 Community Organization and Action** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Development of welfare institutions. Consequences of welfare services for client and community.

**SOC 239 Child Welfare** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Children's rights. Care of dependent children in foster homes or institutions.

**SOC 241 Social Statistics** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Application of elementary statistical techniques. Introduction to statistical inference and sampling theory.

**SOC 251 Interpersonal Behavior** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Social interaction guided by mutual expectations.

**SOC 253 Deviant Behavior and Social Control** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Theories of causation and analysis of particular types of deviance—sexual, criminal, political.

**SOC 255 Sociology of Youth and Adulthood** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Youth and adult modes of adaptation, socialization, in generational relations, and career possibilities.

**SOC 257 Sex and Gender Roles** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Sex role differentiation: femininity, masculinity, marriage, childbirth.

**SOC 259 Mass Communication and Public Opinion** 3 hrs, 3 cr. Prereq: SOC 101 or perm instr. Role of mass communication and public opinion in government action.
Theatre and Film

Department Office North Building room 336, phone 772-5149
Chair Joel Zuker
Professors Barsam, Calderon, Felner, Rutenberg, Seiger, Sternberg
Associate Professors Kelb, Koetting, Lines, Zuker
Assistant Professors Herbs-Cherrier, Margules, Tomkins
Advisors (Theatre) Dan Koetting (Film) Richard Tomkins

The Department of Theatre and Film studies stage and screen production and the relationship between text and performance. In response to recent interest in interdisciplinary and cultural studies and to address the need for theatre and film professionals to be able to work in both arts, the department has created a new Interdisciplinary Theatre and Film major. This is a unique curriculum that focuses on the commonalities and divergences in production practices and aesthetic theory in theatre and film.

The Theatre, Film, and Interdisciplinary Theatre and Film majors all require courses in practical hands-on work, as well as study of theoretical, critical, and historical approaches to stage and film in order to give students an understanding of all aspects of each art form. The curriculum was developed with an emphasis on professional standards.

- Theatre courses include acting, playwriting, directing, history, theory, design, production, children's theatre, and creative drama. Undergraduates may take graduate courses with special permission. Film courses include screenwriting, directing, editing, producing, cinematography, and production. Interdisciplinary courses include screen acting, lighting and design for theatre, film, and television; adaptation for theatre and film; and comparative aesthetics.

Many students who graduate from the theatre program work as actors, directors, stage managers, and designers. Film graduates enter the profession as filmmakers, videographers, producers, and editors; many find work in television. Some of our students continue their creative study in conservatory or MFA programs. Others continue their education in history and theory as MA or PhD students. Graduates who concentrate in developmental drama frequently enter the field as teachers and directors of theatre in education. Students who complete the Interdisciplinary Theatre and Film major will be able to move with ease between the professional worlds of both art forms.

The department maintains associations with major theatre, film, and television institutions. Students have opportunities for placements as interns and apprentices with various professional groups.

Students pursuing a major in theatre must work on theatre productions as part of their requirements for graduation. Advanced undergraduate playwrights may have their work produced by Hunter Playwrights.

Course Access Codes Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Code DR applies to THEA 151 and 244; codes DR and DL apply to THEA 160; codes DX and DY apply to THEA 161 and FILM 151; codes DX and DM apply to THEA 283; and codes DX and DW apply to all other THEA, FILM, TELE, and THFM courses. See Course Access Codes section of this catalog.
Distribution Requirement No more than 3 credits of the minor may be offered toward the distribution requirement. Students planning graduate study should be aware that one or more foreign languages are desirable. The requirement for humanities and the arts (Category V, Group 1) may be fulfilled by THEA 101 or FILM 101.

Major Students may choose one of three major programs:

1. Interdisciplinary Major in Theatre and Film (30 cr)
   [Pending approval by the CUNY Board of Trustees and the New York State Department of Education]

Concentration in Production

THEA 251; FILM 201, 251; THFM 321
  Any 2 of THEA 211, 212, 213
  FILM 211 or 212
  THEA 281 or THFM 281
  Electives chosen from 300-level courses
  in THEA, FILM, or THFM
  12 cr

Concentration in Comparative Aesthetics

THEA 211, 212, 213; FILM 211, 212; THFM 321
  THEA 281 or THFM 281
  Electives chosen from 300-level courses
  in THEA, FILM, or THFM
  3 cr

THEA 201, 211, 212, 213, 251, 252, 261, 321
  6 cr

THEA 281 or THFM 281
  Electives chosen from 300-level courses
  in THEA, FILM, or THFM
  6 cr

THEA 211, 212, 213, 251, 252, 261, 321
  Students must take 251/252, but only one course may be credited for acting in the departmental production.
  THEA 281 or THFM 291
  Electives chosen from 300-level courses in THEA
  21 cr

THEA 101 Workshop in Acting 3 hrs, 3 cr. For non-majors. Exploration of student's creative potential in relation to theatre arts. Cannot be taken if THEA 161 has been taken.

THEA 161 Acting I: Basic Acting Techniques 3 hrs, 3 cr. For intended majors. Exploration of the fundamentals of acting technique through improvisation and scene work.

Intermediate Courses

THEA 211 World Theatre I 3 hrs, 3 cr. Prereq: THEA 101. Survey of international theatre from its pre-Greek origins to the Spanish Golden Age.

THEA 212 World Theatre II 3 hrs, 3 cr. Prereq: THEA 101. Survey of international theatre from the Elizabethan period to Wagner.

THEA 213 World Theatre III 3 hrs, 3 cr. Prereq: THEA 101. Survey of international theatre from 19th-century Naturalism to the present day.

THEA 214 Multicultural Perspectives in Theatrical Performance 3 hrs, 3 cr. Prereq: THEA 101. Study of a selected minoritarian theatre tradition in the United States: origins, development, and influence on the cultural life of the group to be studied and American culture in general. May be repeated for credit with a different topic.


THEA 241 Creative Dramatics 4 hrs, 3 cr. Prereq: THEA 160 or 161. Theory and techniques of developing creativity in children through participation in dramatic activities.


THEA 244 Drama and Disability 3 hrs, 3 cr. Examines the myths of disabilities and uses those myths to create dramatic material to educate and help others to understand these misconceptions.

THEA 251 Theatre Production I 5 hrs, 3 cr. Prereq: THEA 101 or perm. instr. Practical and academic work on the departmental production. Theatre majors must take 251/252, but only one course may be credited for acting in the departmental production.

THEA 252 Theatre Production II 5 hrs, 3 cr. Prereq: THEA 101 and 251, or perm. instr. Practical and academic work on the departmental production. Students must register for this course to receive credit for participation in their second production.

THEA 261 Acting II: Contemporary Drama 4 hrs, 3 cr. Prereq: THEA 161 or perm. instr. Work from written text and learning techniques such as emotional recall, concentration, responding to imaginary stimuli.

THEA 262 Acting III: Contemporary Drama 4 hrs, 3 cr. Prereq: THEA 261; coreq: THEA 263. Continued work on problems and techniques of creating internal and physical life of stage character from written text.

THEA 263 Basic Voice and Movement for Performers 5 hrs, 2 cr. Coreq: THEA 262. Freeing the natural voice; resonance and range; movement systems and skills.

THEA 281 Visual Elements of Theatre 3 hrs, 3 cr. Prereq: THEA 101. 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 282 Theatrical Design Techniques 5 hrs, 3 cr. Prereq: THEA 101. 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.


THEA 284 Makeup for the Stage 5 hrs, 3 cr. Prereq: THEA 101. Practical instruction in use of stage makeup.

THEATRE

Basic Courses

THEA 101 Introduction to Theatre 3 hrs, 3 cr. Study of elements of theatre arts—acting, directing, playwriting, design—from standpoints of both viewer and major productions required.
Upper-Level Courses

THEA 321 Play Analysis 3 hrs, 3 cr. Prereq: THEA 211 or 212 or 213. Principles of play analysis; examination of play structure, theatrical form, and historical period.

THEA 322 Theatre Theory and Criticism 3 hrs, 3 cr. Prereq: THEA 211 or 212 or 213. Major theatrical theories, with emphasis on modern, as applied to acting, design, directing, and playwriting.

THEA 331 Avant-Garde Theatre of the 20th Century 3 hrs, 3 cr. Prereq or coreq: THEA 211 or 212 or 213. Departures from realism—Expressionism, Artaud, Brecht, Grotowski—from Alfred Jarry to the present.

THEA 332 Theatre of Realism and Naturalism 3 hrs, 3 cr. Prereq or coreq: THEA 211 or 212 or 213. Plays, theory, and stagecraft of realism and naturalism movements from the late 19th century to the present.

THEA 341 Creative Drama Leadership Techniques: Special Groups 3 hrs, 3 cr. Prereq: THEA 241. Creative drama for groups such as handicapped, emotionally disturbed, geriatric, and the institutionalized.

THEA 342 Creative Drama in the Community 3 hrs, 3 cr. Prereq: THEA 241. Practical application of techniques and processes of creative drama in community-centered groups.

THEA 351 Theatre Workshop 5 hrs, 2 cr. Prereq: THEA 252. Individual assignments to backstage positions in production and management of departmental presentations.

THEA 361 Acting: Departures from Realism 4 hrs, 3 cr. Prereq: THEA 211 or 212 or 213; THEA 262, 263, or perm. instr; coreq: THEA 363. Scene study as it applies to non-realistic works such as absurdist plays, epic theatre, and expressionist works.

THEA 362 Acting: Period Drama 4 hrs, 3 cr. Prereq: THEA 211 or 212 or 213; THEA 262, 263, or perm. instr. Scene study from such periods as Greek, Elizabethan, and Restoration.

THEA 363 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 actors.

THEA 364 Mime and Masks 4 hrs, 3 cr. Prereq: THEA 363. Practical course in mime and mask exercises for actors, designed to open new avenues for emotional expression.

THEA 371 Directing I 15 hrs, 3 cr. Prereq: THEA 211 or 212 or 213, 261, 321 or perm. instr. Principles of play production; directorial concepts; focusing audience attention on dramatic values.

THEA 372 Directing II 5 hrs, 3 cr. Prereq: THEA 371 or perm. instr. Continued study of principles; incorporation of design elements; full laboratory production of one-act play by each student.

THEA 376 Playwriting I 3 hrs, 3 cr. Prereq: THEA 101 or perm. instr. Study of problems in playwriting based on the student's own work.

THEA 377 Playwriting II 3 hrs, 3 cr. Prereq: THEA 376 or perm. instr. Continued study of playwriting techniques, with emphasis on the structure and form of the full-length play.

THEA 381 Scene Design I 5 hrs, 3 cr. Prereq or coreq: THEA 283. Fundamentals of design for theatre, film, and television.

THEA 382 Scene Design II 5 hrs, 3 cr. Prereq: THEA 381. Problems of set design for plays, musicals, ballet, opera, film, and television; scene painting.

THEA 383 Costuming for the Stage 5 hrs, 3 cr. Prereq: THEA 281. Study and practice in stage costuming; historical periods and styles; fabrics, patterns, and construction.

THEA 384 Stage Lighting 5 hrs, 3 cr. Prereq: THEA 281 or FILM 251. Principles and practice of lighting for theatre, film, and television, emphasizing its contribution to dramatic interpretation.

THEA 391 Theatre Projects 3 hrs, 3 cr. Prereq or coreq: THEA 372, 381, and perm. chair. Experimental work in design or directing for advanced theatre students.

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. A specific topic will be listed in Schedule of Classes for a given semester.

THEA 397 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 a given semester.

THEA 401 Seminar 3 hrs, 3 cr. Perm. dept. Not offered at all times. Readings, discussion, and papers on significant problems in theatre and film.

THEA 401 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: 2.7 GPA and 3.5 major GPA, majors only, perm. chair. Individual work under faculty supervision, qualifies student for departmental honors at graduation.

FILM/VIDEO

Basic Courses

FILM 101 Introduction to Cinema 3 hrs, 3 cr. Fundamental concepts of film and discussion of major critical systems. Screening of relevant films.

FILM 151 Introduction to Film and Video Techniques 3 hrs, 3 cr. Technology of film; equipment and procedures.

Intermediate Courses

FILM 201 Practical Film Analysis 3 hrs, 3 cr. Prereq: FILM 101. Close case study of a selected motion picture.

FILM 211 Film History I: 1895-1942 4 hrs, 3 cr. Prereq: FILM 101 and 201. Survey of film history and theory from the silent era to 1942.

FILM 212 Film History II: Since 1942 4 hrs, 3 cr. Prereq: FILM 101 and 201. Survey of film history and theory from 1942 to the present.

FILM 213 National Cinema 4 hrs, 3 cr. Prereq: FILM 101. Study of the cultural background, theoretical underpinnings, and artistic practices of a selected national cinema. May be repeated for credit with a different topic.

FILM 214 Multicultural Perspectives in Cinema 4 hrs, 3 cr. Prereq: FILM 101. Study of the contributions of minority groups to filmmaking, including examination of how those contributions have countered stereotypical representations of racial, national, and cultural identity in mainstream cinema. May be repeated for credit with a different topic.

FILM 215 Women and Film 4 hrs, 3 cr. Prereq: FILM 101. This course studies films by women directors and discusses the ways women's films counter the dominant patriarchal view of women reflected in commercial cinema.

FILM 222 Theories of Genre 4 hrs, 3 cr. Prereq: FILM 101. Critical study of principal generic categories such as the western, the documentary, the horror film.

FILM 231 Studies of Selected Directors 4 hrs, 3 cr. Prereq: FILM 101. Study of aesthetic and cultural implications of authorship as developed and practiced in cinema.

FILM 232 Avant-Garde Cinema 4 hrs, 3 cr. Prereq: FILM 211 or 212. Historical examination of pertinent films with particular emphasis on current American filmmakers.

FILM 251 Film Production I 4 hrs, 3 cr. Prereq: FILM 101, 151, and 201. Introduction to the fundamentals of filmmaking, writing, cinematography, and editing.

FILM 252 Film Production II 4 hrs, 3 cr. Prereq: FILM 251. Further development of fundamental filmmaking skills, including sync-sound concepts and techniques.

FILM 281 Film Animation 4 hrs, 3 cr. Prereq: FILM 251 or perm. instr. Practical introduction to animated filmmaking, including lectures, demonstrations, and screenings of professional work.

FILM 283 Sound for Film and Video I 4 hrs, 3 cr. Prereq: FILM 252 and TELE 101. Theory and techniques of sound mixing, dubbing, lip synchronization, and sound editing.

Upper-Level Courses

FILM 311 Nonfiction Film 4 hrs, 3 cr. Prereq: FILM 101 and 201. Study of the history and theory of the nonfiction film, with screening of major examples of documentary, propaganda, and direct cinema.
FILM 312 Soviet Cinema 4 hrs, 3 cr. Prereq: FILM 211. Study of Soviet films and Soviet film theory.
FILM 321 Advanced Film Theory 4 hrs, 3 cr. Prereq: FILM 211 or 212. Advanced study of current problems in film theory.
FILM 322 Contemporary Film Theory 4 hrs, 3 cr. Prereq: FILM 101, 201, and 211. Survey of current film theory and criticism, including developments in film semiotics, psychoanalytic film theory, feminist film theory, narrative theory, historiography, and reception theory.
FILM 323 Film Technology and Aesthetic Theory 4 hrs, 3 cr. Prereq: FILM 212 and 251. Study of the relationship between film technology and film theory.
FILM 324 Narrative Strategies 4 hrs, 3 cr. Prereq: 212 or 231 or 232. Study of narrative techniques in cinema.
FILM 333 Styles and Theories of Film Acting 4 hrs, 3 cr. Prereq: FILM 211 or 212. Study of film acting with regard to theoretical structures and aesthetic practice.
FILM 341 Producing the Film 3 hrs. 3 cr. Prereq: FILM 101, Contracts, financing, distribution, copyright law, options, acquisition of rights, securities law requirements.
FILM 371 Screen Directing I 4 hrs, 3 cr. Prereq: FILM 252 or TELE 101. Theory and practice of the film director's role as guiding force in creation of visual and aural images.
FILM 372 Screen Directing II 4 hrs, 3 cr. Prereq: FILM 252 and 371. Continuation of FILM 371.
FILM 375 Screen Writing I 4 hrs, 3 cr. Prereq: FILM 101 or TELE 101. Fundamentals of writing for film; critiques of original student scripts.
FILM 377 Screen Writing II 4 hrs, 3 cr. Prereq: FILM 376. Continuation of workshop experience with emphasis on full-length screenplay.
FILM 381 Techniques of Cinematography 4 hrs, 3 cr. Prereq: FILM 252. Advanced cinematographic techniques such as sensometry, effects lighting, and special effects.
FILM 382 Editing Techniques 4 hrs, 3 cr. Prereq: FILM 252. Continuation of editing practice, emphasizing professional use of equipment, materials, and techniques.
FILM 383 Sound for Film and Video II 4 hrs, 3 cr. Prereq: FILM 283. Sound recording in studio and on location; music and sound effects; optical transfers, synchronization of sound track and pictures.
FILM 384 Film and Video Production Variable hrs, 3 cr. Prereq: FILM 252, 383 or TELE 252, and perm, instr. Production of short films with each student assigned to specific crew positions.
FILM 391 Problems in Film Research 3 hrs, 3 cr. Prereq: FILM 211 and 212. Study of basic methods of solving problems in the field of cinema studies.

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. A specific topic will be listed in Schedule of Classes for a 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 a given semester.
FILM 401 Film and Video Production Seminar 3 hrs, 3 cr. Prereq: FILM 371 and 384. Individual student films produced under faculty supervision.
FILM 402 Advanced Seminar 3 hrs, 3 cr. Perm, instr. Selected topics in cinema studies.
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 498 Inservice Learning Program 1-6 hrs, 1-6 cr. Perm, dept. Placement in appropriate off-campus locations on an individual basis.
FILM 499 Honors Project 3 hrs, 3 cr. Prereq: 2.7 GPA and 3.5 major GPA, Majors only. Perm, chair. Individual work under faculty supervision; qualifies student for departmental honors at graduation.

DRAMATIC TELEVISION/TELEVISION ARTS
TELE 101 Fundamentals of Television Drama 3 hrs, 3 cr. Basic tools, concepts, and techniques that apply to production of dramatic television.
TELE 211 History and Theory of Television Drama 4 hrs, 3 cr. Prereq: TELE 101 and FILM 101 or THEA 101. History and theories of presentation of dramatic material on television. Readings and appropriate screenings.
TELE 251 Developing and Producing Teledrama 4 hrs, 3 cr. Prereq: TELE 101 or FILM 151 and TELE 211. Practical course in writing and producing studio teledrama.
TELE 252 Dramatic Television on Location 4 hrs, 3 cr. Prereq: TELE 101 or FILM 151 and TELE 211. Study of techniques of television location work including scripting, editing, taping, and how this production style affects the final result.
TELE 371 Directing Teledrama 4 hrs, 3 cr. Prereq: TELE 251 and FILM 371 or THEA 371. Theory and practice of directing dramatic material for television.

INTERDISCIPLINARY THEATRE AND FILM COURSES
THFM 281 Design Concepts for Theatre, Film, and Television 3 hrs, 3 cr. Prereq: THEA 101 or FILM 101. Theoretical and practical elements of design in theatre, film, and television.
THFM 297 Special Topics in Theatre and Film 1-3 hrs, 1-3 cr. Prereq: perm, dept. A specific topic will be listed in the Schedule of Classes for a given semester.
THFM 321 20th-Century Aesthetics in Theatre and Film 4 hrs, 3 cr. Prereq: THEA 213 or FILM 211 or 212. Points of interaction, mutual influence, and cross-fertilization between theatre and film in theory and praxis.
THFM 322 Adaptation in Theatre and Film 4 hrs, 3 cr. Prereq: THEA 321 or FILM 211 or 212. Examination of examples of works adapted to the stage or screen from another medium.
THFM 323 Theatricality and the Presentation of Self in Theatre, Film, and the Everyday 4 hrs, 3 cr. Prereq: Either FILM 211 or 212 and any one of THEA 211, 212, or 213. Examination of dramaturgical analogies for the defining of self, conducted through close study of theoretical writings, theatre works, and films that raise questions about sincerity and duplicity.
THFM 331 Alternative Performance 3 hrs, 3 cr. Prereq: THEA 213 or THFM 321. Study of performance styles and practices using theatre and/or film in non-traditional modes.
THFM 361 Screen Acting 4 hrs, 3 cr. Prereq: FILM 101 and THEA 262. Fundamental techniques unique to acting in film and television.
THFM 376 Scriptwriting for Young Audiences: Theatre, Film, and Television 3 hrs, 3 cr. Prereq: THEA 101 or FILM 101 or perm, instr. Fundamentals of scriptwriting for young audiences for stage, film, and television; critique of original student scripts.
THFM 381 Production Design I for Theatre, Film, and Television 4 hrs, 3 cr. Prereq: THEA 101 or FILM 101 and THFM 281. Theory and practice in scenic design for theatre, film, and television.
THFM 382 Production Design II for Theatre, Film, and Television 4 hrs, 3 cr. Prereq: THEA 101 or FILM 101 and THFM 281. Theory and practice in costume design for theatre, film, and television.
THFM 384 Concepts of Light in Theatre, Film, and Television 3 hrs, 3 cr. Prereq: THEA 281 or THFM 281. The aesthetics, styles, conventions, and vocabulary of lighting in theatre, film, and television; how light establishes style, mood, rhythm, and atmosphere as interpretive elements of performance.
THFM 385 Theatres and Movie Palaces: Contemporary Culture 3 hrs, 3 cr. Prereq: THEA 281 or FILM 211. Exploration of the architecture and evolution of selected 20th-century theatre and movie palaces.
THFM 397 Studies in Theatre and Film 3 hrs, 3 cr. Prereq: variable. Specialized topics for majors will be listed in the Schedule of Classes for a given semester.
Urban Affairs

Department Office  West Building room 1611, phone 772-5519
Acting Chair  Herbert H. Hyman
Professors  Birch, Hyman, Kwong, Moses, Salins
Assistant Professors  Blanco, Walsh
Assistant Professors  Johnston, Milczarski, Shipp
Advisor  Stanley Moses
Director, Public Service Scholar Program  Elaine M. Walsh

With over 70 percent of the nation’s population classified as urban, urban studies offer 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.

Course Access Codes  Students must fulfill developmental course requirements before taking many introductory and most advanced courses at Hunter College. Codes DR and DL apply to all 100-level URBS courses; codes DX and DY apply to 200-level URBS courses; codes DW and DM apply to all 300-level URBS courses; codes DX and DM as well as ENGL 120 apply to all 400-level courses. For an explanation of the codes see Course Access Codes section of this catalog.

Distribution Requirement  Any 2 courses from among URBS 101, 102, and 201 will fulfill 6 cr of the 12-cr distribution requirement in the social sciences (Category VI).

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 Public Service Scholar Program and the Seminar/Internship Program in New York City Government.

The Public Service Scholar Program is a competitive program open to 24 juniors/seniors each year. All Hunter students are eligible for this program which includes an internship in a public or non-profit agency and two weekly seminars. Participants receive credit and a stipend. For further information, contact the program director.

The City University Seminar/Internship Program in New York City government is a program in which Hunter College students may participate. For further information, contact the Department.

The Blanche Davis Blank Urban Research Scholar Program provides awards to outstanding undergraduate students to work with professors on research projects. For further information, contact the Department.

I. Urban Studies Major (24 cr)

The urban studies major consists of components A, B, C, and D as listed below. 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.

A. Urban Studies Core (12 cr)
URBS 101 Urban Life: Personal and Observational View (3 cr)
URBS 102 Structure of Urban Region (3 cr)
URBS 201 Plans and Policies for Contemporary Urban Community (3 cr)
URBS 310 Methods of Urban Research and Policy Analysis (3 cr)

B. Urban Studies Electives (3 cr) Select one from:
URBS 401 Managing Urban Physical Environment (3 cr)
URBS 402 Urban Social and Economic Development (3 cr)
URBS 404 Urban Budgeting and Fiscal Policy (3 cr)

C. Fieldwork Component (3 cr) Select one from:
URBS 410 Urban Fieldwork (3 cr)
URBS 498 Inservice (6 cr)
POLSC 411 Seminar/Internship in NYC Government (4 cr)

D. Basic Social Science Component (6 cr) Select two from:
ECO 335 Urban Economics (3 cr)
HIST 341 Topics in History: Urban History (3 cr)
POLSC 212 Urban Politics (3 cr)
GEOG 341 Urban Geography (3 cr)
SOC 211 Urban Sociology (3 cr)
II. Urban Studies Major/Related Social Science Minor Concentrations (39 cr)

Students take courses in A, B, C, D above and add either URBS 401, 402, or 404 (whichever has not been taken for the major) plus 12 cr in a related social science discipline or other courses approved by advisor. (All 12 cr must be within the same discipline.)

COURSE LISTINGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

URBS 101 Urban Life: Personal and Observational View 3 hrs, 3 cr. Introduction to urban studies allowing students to translate personal knowledge and experience of New York City to more theoretical understanding of urbanism. Includes 4 projects dealing with mapping, immigration, census data analysis, and local development issues.

URBS 102 Structure of Urban Region 3 hrs, 3 cr. Prereq: URBS 101 or relevant intro course (e.g. ECO 100 or 201-202; GEOG 101, POLS 211, SOC 101) or perm inst. Introduction to forces shaping institutions and life of contemporary American urban regions. Focus on evolving metropolitan economic, social, demographic, spatial, and political systems, and their relevance to current policy.

URBS 201 Plans and Policies for Contemporary Urban Community 3 hrs, 3 cr. Prereq: URBS 102 or 6 cr of introductory social science courses or perm inst. Exposure to human and institutional consequences of economic, social, and political forces confronting metropolitan America. Review of activities of public and private agencies dealing with urban problems.


URBS 310 Methods of Urban Research and Policy Analysis 3 hrs, 3 cr. Prereq: URBS 102 or perm inst. Survey of research skills necessary for analysis of contemporary urban issues. Includes review of data sources, methods of forecasting, use of computer, and methods of information presentation.

URBS 401 Managing Urban Physical Environment 3 hrs, 3 cr. Prereq: URBS 201 or perm instr. Examination of components of metropolitan land use. Focus on planning and management of physical environment by public and private agencies at local, state, and national levels.

URBS 402 Urban Social and Economic Development 3 hrs, 3 cr. Prereq: URBS 201 or perm instr. Detailed review of social and economic concerns confronting urban communities, focusing on major problem areas: poverty, health, crime, economic development, unemployment, and racial discrimination.

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 404 Urban Budgeting and Fiscal Policy 3 hrs, 3 cr. Prereq: URBS 201 or perm instr. Introduction of financial management of urban municipalities and authorities. Attention to process of fiscal decision-making as seen from perspective of local community, and analysis of role of intergovernmental aid.

URBS 410 Urban Fieldwork 3 hrs, 3 cr. Declared urban studies major within 45 cr of graduation. Internship experience in urban-related public or non-profit agency providing firsthand involvement in urban planning or policy issues, under careful supervision, in professional field setting.

URBS 498 Internship 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
URBP 750 Fundamentals of Housing
URBP 751 Planning Process Seminar

Women's Studies

Program Office  West Building room 1716, phone 772-5680
Coordinator  Joan C. Tronto
Advisors (day and evening) Joan C. Tronto and Policy Committee

The Hunter College Women's Studies Program is an interdisciplinary academic program that seeks to preserve, expand, and share knowledge about women and gender. Women's Studies reexamines the historical record to make visible women's contributions to the world's cultures and knowledge. It aims, through a focus on women's experiences, to open fresh perspectives throughout the entire curriculum. Women's Studies draws on the insights and methods of many disciplines to pose new questions and propose new methods of finding answers. Women's Studies seeks to create and share a new knowledge base that will give us a better understanding of all human experience, including the pursuit of learning.

The Women's Studies Program is based on a broad community of affiliated faculty, students, and staff, and is administered by a coordinator and a policy committee of elected faculty and student representatives.

Women's Studies at Hunter College includes three components: scholarship, curriculum, and advocacy.

The Women's Studies major is a collateral major—2 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 such as economics, psychology, sociology, or English. In such areas as health care, counseling, advertising, market research, publishing, teaching, or administrative work, they may combine the information and insights gained from the 2 major interrelated fields. The Women's Studies collateral major is appropriate in pre-law training and is useful, directly and indirectly, in all fields involving an analysis of society and social interaction.

Course Access Codes  Students must fulfill developmental course requirements before taking any introductory and most advanced courses at Hunter College. The DR code applies for all WOMST courses. To determine access codes for other cross-listed courses, consult the relevant departmental listings.

Distribution Requirement  No courses with the prefix WOMST are credited toward the College distribution requirement.

Pluralism and Diversity Requirement  Virtually all Women's Studies courses fulfill Category III of the pluralism and diversity requirement.

Major  The Women's Studies program offers an 18-credit collateral major which is taken in addition to a traditional major. No minor is then needed. Students enrolled in the Honors Program may elect to major in the program without an additional major. 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 the major is double, or collateral. The Women's Studies program is accepted as a minor in all departments within the Divisions of
Inservice Program Students may register for 1-6 cr. of inservice. They may work in positions of responsibility in a variety of community service and other organizations that relate to the needs or concerns of women. Consult the coordinator of Women's Studies.

Research Seminar Majors in Women's Studies are required to take a seminar or do advanced independent study to complete their 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 the Women's Studies coordinator early to plan either a senior research seminar or the independent study that may be substituted for it.

CouRSE LiSTiNGS

Note: Before reading the course descriptions that follow, please refer to the paragraph on course access codes (e.g., DX, DW) in this section.

WOMST 100 Introduction to Women's Studies 3 hrs, 3 cr. Traditional definitions of women's nature in myth and symbol, media and popular culture, theories of gender in biology and psychology; women's role in family structures; women's relations to religion, education, health, work, and politics. Examples are cross-cultural, contemporary, and historical.


WOMST 211 Women in the Third World 3 hrs, 3 cr. Prereq: WOMST 100. Analyzes the various forms that gender inequality assumes in a number of Third World countries in Africa, Asia, and Latin America.

WOMST 251 Women and Health 3 hrs, 3 cr. Exploration of contemporary health issues of women, the development of modern medical practices and socialization of women.

WOMST 261 Women in Politics 3 hrs, 3 cr. Women's political roles, especially in social movements, conventional politics. Effects of public policy on women.

WOMST 262 Women, War and Peace 3 hrs, 3 cr. Prereq: WOMST 100 or perm. Roles that women have played as subjects and objects in war and peace.

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 351 Women and the Sciences: Myth and Realities 3 hrs, 3 cr. Explores the historical and contemporary role of women as scientists and how scientific theories have treated women as the objects of scientific investigation.

WOMST 384 Women and Media 3 hrs, 3 cr. Prereq: COMM 180 or perm. An historical and formal investigation of the ways that American women are represented by the mass media, how feminists have challenged and changed them.

WOMST 393 Independent Research 3 hrs, 3 cr. Prereq: perm program coordinator. 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 program coordinator.

Selected Cross-Listed Courses (3-cr courses)

The following list is not exhaustive, since new courses are continually being added to the curriculum. Consult with the Program Coordinator.

ANTHC 301.00 (WOMST 300.59) Sex and Gender in Anthropological Perspectives
ANTHC 320.76 (WOMST 300.53) Language, Sex and Gender
ANTHC 320.93 (WOMST 300.75) Women of East Asia
ANTHC 321.50 (WOMST 300.89) Family and Household in Anthropology and History
ANTHC 321.51 (WOMST 300.88) Women and Development in the Caribbean
ANTHC 426.62 (WOMST 400.61) Gender in Archaeology

ASIAN 200.01 (WOMST 300.96) Asian-American Women Writers
ASIAN 210.51 (WOMST 200.91) Topics in Asian-American Literature
ASIAN 240.52 (WOMST 300.75) Women of East Asia
ASIAN 351.51 (WOMST 300.84) Asian-American Women Narratives

BLPR 290.08 (WOMST 200.73) African Women: Development and Politics
BLPR 290.10 (WOMST 200.79) Contemporary Caribbean Women
BLPR 290.37 (WOMST 200.71) AIDS and Society
BLPR 290.43 (WOMST 200.87) Latina Writing
BLPR 290.55 (WOMST 200.92) The Black Child
BLPR 290.66 (WOMST 200.77) The Black Family
BLPR 390.55 (WOMST 300.55) Puerto Rican and Hispanic Women
BLPR 390.89 (WOMST 300.91) Latina Life Stories
BLPR 390.90 (WOMST 300.90) Televionelas and Daytime Serials

CLA 305.00 (WOMST 300.82) Women and Slaves in Classical Antiquity

COMHE 324.00 Human Sexuality
COMME 724.00 Family and Sexual Violence

ECO 345.00 (WOMST 300.80) Labor Economics: Women and Men in the Labor Force

ENGL 250.57 (WOMST 200.80) Women's Search for Self
ENGL 250.60 (WOMST 200.83) American Women Crime Writers
ENGL 250.61 (WOMST 200.81) Multi-Cultural Women's Writing
ENGL 250.67 (WOMST 200.74) Heroin
ENGL 250.72 (WOMST 200.84) Gender, Race and Class in American Literature
ENGL 250.78 (WOMST 200.87) Latina Writing
ENGL 250.80 (WOMST 200.68) Black Woman Literary Artists
ENGL 250.81 (WOMST 200.75) Gender and Culture: Medieval and Modern
ENGL 250.92 (WOMST 300.54) Afro-American Women Writers
ENGL 250.96 (WOMST 200.91) Topics in Asian-American Literature
ENGL 309.00 (WOMST 300.57) Writing Women's Lives
ENGL 309.52 (WOMST 300.71) Literary Pilgrimage: Black Women Authors
ENGL 399.00 (WOMST 300.52) Women as Writers and Subjects
ENGL 383.56 (WOMST 300.76) Renaissance English Literature by and about Women
ENGL 386.52 Images of Women in Film and Literature
ENGL 386.68 (WOMST 300.74) Caribbean Women Writers
ENGL 386.74 (WOMST 300.81) Marriage: Issues and Perspectives in British Literature
ENGL 399.54 One Major Writer—Virginia Woolf
ENGL 389.67 One Major Writer—Toni Morrison
ENGL 390.57 (WOMST 300.96) Asian-American Women Writers
ENGL 390.58 (WOMST 300.95) International Women Writers
FILM 297.62 (WOMST 200.52) Race, Gender and the Movies
FREN 262.00 Perspectives of Women in French Literature
HED 201.51 (WOMST 200.53) Women and Health
HED 300.56 (WOMST 200.71) AIDS and Society
HIST 304.00 (WOMST 300.93) Women in Early European Society
HIST 341.50 (WOMST 300.89) Family and Household in Anthropology and History
HIST 341.65 (WOMST 300.98) History of Women in Modern Europe: 1780-1945
HIST 341.75 (WOMST 300.85) Native Women in American History
HIST 341.78 Topics in British History—Culture, Gender and Empire
HIST 345.00 (WOMST 300.72) Women and Society in Victorian England
HIST 366.00 Role of Women in American History
HIST 384.58 (WOMST 300.92) Gender, Culture and British Colonialism
LACS 434.97 (WOMST 200.87) Latina Writing
LACS 434.98 (WOMST 300.91) Latina Life Stories
MEDIA 399.72 (WOMST 300.77) Sexualities and Media Representations
MEDIA 399.75 (WOMST 300.88) Gender and Popular Culture
MEDIA 399.78 (WOMST 300.90) Telenovelas and Daytime Serials
MUSHL 261.76 (WOMST 200.67) Women and Music in World Culture
MUSHL 360.00 (WOMST 300.65) Women in Music
PHIL 230.00 (WOMST 200.72) Feminism: Philosophical Theory and Practice
POLSC 204.51 (WOMST 200.60) Women in Political Thought
POLSC 219.00 (WOMST 219.00) Women and the Law
POLSC 204.52 (WOMST 200.60) Women in Political Thought
POLSC 204.54 (WOMST 200.78) Classics in Feminist Thought
POLSC 272.97 (WOMST 200.73) African Women: Development and Politics
POLSC 304.54 (WOMST 300.94) Feminist Political Theory
POLSC 480.18 (WOMST 400.52) Politics: Gay and Lesbian Rights
POLSC 486.57 (WOMST 400.53) Body Politics: Sexuality and Reproduction
PSYCH 170 Psychology of Human Sexuality
PSYCH 235.00 (WOMST 200.70) Psychology of Women
REL 311 Women and Religion
RUSS 156.00 (WOMST 200.85) Culture of Imperial Russia: Age of the Empresses
SOC 201.00 Sociology of the Family
SOC 225.82 (WOMST 200.92) The Black Child
SOC 225.50 (WOMST 200.67) Women and Music World Culture
SOC 225.88 (WOMST 200.50) Women and Development
SOC 257.00 (WOMST 300.51) Sex and Gender Roles
SOC 325.17 (WOMST 300.63) Violence Against Women
SOC 325.20 (WOMST 300.98) Political Islam and Women
SOC 325.50 (WOMST 300.50) Theories and Practices of Development
SOC 325.51 Women and Work
SOC 325.60 (WOMST 300.64) Women in the Middle East
SOC 325.93 (WOMST 300.60) Feminist Social Theory
SOC 425.08 (WOMST 400.59) Gender, Nationalism and Decolonization
THEA 247.54 Women in Theatre

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Tina Salamandra, Executive Director of Finance & Business Affairs; BS, SUNY
Christine Sampson, Coordinator of College Work Study; BS, LIU
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John A. Seefranz, Data Processing Operations Manager, Computer Operations; BS, Manhattan Coll
Steven Serfin, Director, Writing Center; BA, American; MA, Catholic; PhD, Utah
George K. Sherry, Asst to Director of Campus Schools; BS, Florida Institute of Technology
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Elizabeth Staben, Fringe Benefits Assistant; AA, Adelphi
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Carole Taylor, Financial Aid Counselor; MS, Syracuse
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Maria Terrone, Dir of Public Relations; BA, Fordham
Jacqueline S. Thomas, Asst to Counsel to the President; BA, DeVry
Thomas L. Thomas, Director of Career Development & Placement; BA, Washburn; MSE, PhD, U. of Kansas
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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 not 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 violation 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.
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 attendance in the defense, right to cross-examine witnesses and to present evidence, and the right to appeal the decision.

RESOLVED, That these rules and regulations be incorporated in each college bulletin.


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, by written 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 make up 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 provisions of this section.

6. Any student who is aggrieved by the alleged failure of any faculty or administrative official to comply in good faith with the provisions of this section shall be entitled to obtain 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 "institution 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.

EQUAL OPPORTUNITY PROGRAMS

Hunter College does not discriminate on the basis of race, color, religion, sex, national or ethnic origin, age, handicap, marital status, or sexual orientation. Any student who is discriminated against on the basis of any of these attributes will be afforded due process in accordance with Section 15.3 of the Student Disciplinary Procedure.

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 sanctity 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 provide 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 disciplinary power in all matters in the college, in accordance with 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. Nor shall he 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 University/college premises or property, or theft of 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 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 demonstrated 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 a rifle, shotgun, or firearm or knowingly have in his possession any other dangerous instruments or materials 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. Nor 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.
9. Any action or situation which recklessly or intentionally endangers mental or physical health or involves the forced consumption of liquor or drugs for the purpose of initiation into or affiliation with any organization is prohibited.

10. The unlawful manufacture, distribution, dispensation, possession, or use of illegal drugs or other controlled substances by University employees in the workplace is prohibited. Employees of the University must also notify the College Personnel Director of any criminal drug statute conviction for a violation occurring in the workplace not later than five (5) days after such conviction.

II. PENALTIES

1. Any student engaging in any manner in conduct prohibited under substantive Rules 1-9 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 1-10 shall be subject to the following range of penalties: warning, censure, restitution, fine not exceeding those permitted by law or by the Bylaws of the Board of Higher Education, or suspension without pay pending a hearing before an appropriate college authority, dismissal after a hearing, ejection, and/or arrest by the civil authorities, and for engaging in any manner in conduct prohibited under substantive Rule 10, may, in the alternative, be required to participate satisfactorily in an appropriately licensed drug treatment or rehabilitation program. In addition, in the case of a tenured faculty member, or tenured member of the administrative or custodial staff engaging in any manner in conduct prohibited under substantive Rules 1-10 he or she 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 1-9 shall be subject to rejection and/or arrest by the civil authorities.

4. Any organization which authorized the conduct prohibited under substantive Rules 1-10 shall have its permission to operate on campus rescinded.

Penalties 1-4 shall be in addition to any other penalty provided by law or The City University Trustees.

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.

Bylaws of the Board of Trustees

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 encouraged to develop the capacity for critical judgment 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 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 resolutions of the board, 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 the 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 or sex of a particular group or which makes systematic attacks against the religion, 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. Extra-curricular activities at each college or school shall be regulated by the duly elected student government organization to ensure 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 inter-collegiate 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 an office of the dean of students** alleging that a student publication has systematically attacked the religion, 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 may deem appropriate, that the charges are substantial, he/she shall attempt to resolve the dispute, failing which he/she shall promptly submit the charges to the faculty-student disciplinary committee for disposition in accordance with the due process procedures of section 15.3 thereof.

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 budget 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.

e. Student government elections shall be scheduled and conducted, and newly elected student governments shall take office, in accordance with policies of the board, and implementing regulations.

STUDENT DISCIPLINARY PROCEDURE BYLAWS
OF THE CITY UNIVERSITY OF NEW YORK,
AS AMENDED BY THE BOARD OF TRUSTEES ON
FEBRUARY 24, 1992

Section 15.3 STUDENT DISCIPLINARY PROCEDURES

Complaint 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. The chief student affairs officer of the college or his or her designee will conduct a preliminary investigation in order to determine whether disciplinary charges should be preferred. The chief student affairs officer or his or her designee will advise the student of the charge(s) against him or her, consult with other parties who may be involved or who have information regarding the incident, and review other relevant evidence. Following this preliminary investigation, which shall be concluded within thirty (30) calendar days of the filing of the complaint, the chief student affairs officer or designee shall take one of the following actions:

(i) dismiss the matter if there is no basis for the allegation(s) or the allegation(s) does not warrant disciplinary actions. The individuals involved shall be notified that the complaint has been dismissed;

(ii) refer the matter to conciliation. If a matter is referred to conciliation the accused student shall receive a copy of the notice required pursuant to section 15.3e of this bylaw; or

(iii) prefer formal disciplinary charges.

Conciliation Conference:

c. The conciliation conference shall be conducted by the counselor in the office of the dean of students or a qualified staff or faculty member designated by the chief student affairs officer. The following procedures shall be in effect at this conference:

1. An effort will be made to resolve the matter by mutual agreement.

2. If an agreement is reached, the counselor shall report his/her recommendation to the chief student affairs officer for approval and, if approved, the complainant shall be notified.

3. If no agreement is reached, or if the student fails to appear, the counselor shall refer the matter back to the chief student affairs officer who will prefer disciplinary charges.

**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.

4. The counselor is precluded from testifying in a college hearing regarding information received during the conciliation conference.

Notice of Hearing and Charges:

d. Notice of the charge(s) and of the time and place of the hearing shall be personally delivered or sent by the chief student affairs officer of the college to the student at the address appearing on the records of the college, by registered or certified mail and by regular mail. The hearing shall be scheduled within a reasonable time following the filing of the charges or the conciliation conference. Notice of at least five business days shall be given to the student in advance of the hearing unless the student consents to an earlier hearing.

e. The notice shall contain the following:

1. A complete and itemized statement of the charge(s) being brought against the student including the rule, bylaw or regulation he/she is charged with violating, and the possible penalties for such violation.

2. A statement that the student has the following rights:

(i) to present his/her side of the story;

(ii) to present witnesses and evidence on his/her behalf;

(iii) to cross-examine witnesses presenting evidence against the student;

(iv) to remain silent without assumption of guilt; and

(v) to be represented by legal counsel or an advisor at the student's expense.

3. A warning that anything the student says may be used against him/her at a non-college hearing.

Faculty-Student Disciplinary Committee Procedures:

f. The following procedures shall apply at the hearing before the faculty-student disciplinary committee:

1. The chairperson shall preside at the hearing. The chairperson shall inform the student of the charges, the hearing procedures and his or her rights.

2. After informing the student of the charges, the hearing procedures, and his or her rights, the chairperson shall ask the student charged to plead guilty or not guilty. If the student pleads guilty, the student shall be given an opportunity to explain his/her actions before the committee. If the student pleads not guilty, the college shall present its case. At the conclusion of the college's case, the student may move to dismiss the charges. If the motion is denied by the committee the student shall be given an opportunity to present his or her defense.

3. Prior to accepting testimony at the hearing, the chairperson shall rule on any motions questioning the impartiality of any committee member or the adequacy of the notice of the charge(s). Subsequent thereto, the chairperson may only rule on the sufficiency of the evidence and may exclude irrelevant, immaterial or unduly repetitive evidence. However, if either party wishes to question the impartiality of a committee member on the basis of evidence which was not previously available at the inception of the hearing, the chairperson may rule on such a motion. The chairperson shall exclude all persons who are to appear as witnesses, except the accused student.

4. The college shall make a record of each fact-finding 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, tape or equivalent without cost.

5. The student is entitled to a closed hearing but has the right to request an open public hearing. However, the chairperson has the right to hold a closed hearing when an open public hearing would adversely affect and be disruptive of the committee's normal operations.

6. The college bears the burden of proving the charge(s) by a preponderance of the evidence.

7. The role of the faculty-student disciplinary committee is to listen to the testimony, ask questions of the witnesses, review the testimony and evidence presented at the hearing and the papers filed by the parties and render a determination as to guilt or innocence. In the event the student is found guilty, the committee shall then determine the penalty to be imposed.

8. At the end of the fact-finding phase of the hearing, the student may introduce additional records, such as character references. The college may introduce a copy of the student's previous disciplinary record, where applicable,
provided the student was shown a copy of the record prior to the commencement of the hearing. The disciplinary record shall be submitted to the committee in a sealed envelope and shall not be opened until after the committee has made its findings of fact. In the event the student has been determined to be guilty of the charge or charges the records and documents introduced by the student and the college shall be opened and used by the committee for dispositional purposes, i.e., to determine an appropriate penalty if the charges are sustained.

9 The committee shall deliberate in closed session. The committee's decision shall be based solely on the testimony and evidence presented at the hearing and the papers filed by the parties.

10. The student shall be sent a copy of the faculty-student disciplinary committee's decision within five days of the conclusion of the hearing. The decision shall be final subject to the student's right of appeal.

11. Where a student is represented by legal counsel the President of the College may request that a lawyer from the general counsel's office appear at the hearing to present the college's case.

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/Her decision shall be final except in the case of dismissal 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/her functions with respect to an appeal shall be discharged by an official of the university to be appointed by the chancellor.

Section 15.5 COMMITTEE STRUCTURE.

a. Each faculty-student disciplinary committee shall consist of two faculty members and two student members and a chairperson. A quorum shall consist of the chair and any two members. Hearings shall be scheduled at a convenient time and efforts shall be made to insure full student and faculty representation.

b. The president shall select in consultation with the head of the appropriate campus governance body or where the president is the head of the governance body, its executive committee, three (3) members of the instructional staff of that college to receive training and to serve in rotation as chair of the disciplinary committees. If none of the chairpersons appointed from the campus can serve, the president, at his/her discretion, may request that a chairperson be selected by lottery from the entire group of chairpersons appointed by other colleges. The chairperson shall preside at all meetings of the faculty/student disciplinary committee and decide and make all rulings for the committee. He/she shall not be a voting member of the committee but shall vote in the event of a tie.

c. 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. 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, or if more panel members are needed, the president shall have the duty to select the panel or panels which have not been elected. No individuals on the panel shall serve on the panel for more than two consecutive years.

d. In the event that the chairperson cannot continue, the president shall appoint another chairperson. In the event that a student or faculty seat becomes vacant and it is necessary to fill the seat to continue the hearing, the seat shall be filled from the faculty or student panel by lot.

e. Persons who are to be participants in the hearings as witnesses or have been involved in preferring the charges or who may participate in the appeals procedures or any other person having a direct interest in the outcome of the hearing shall be disqualified from serving on the committee.

Section 15.6 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, the use of its facilities or in the achievement of its purposes as an educational institution.

The Chancellor or Chancellor's designee, president or any dean may in 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 section 15.3 to take place within not more than seven (7) school days. Prior to the commencement of a temporary suspension of a student, the college shall give such student oral or written notice of the charges against him/her and, if he/she denies them, the college shall forthwith give the student an individual oral explanation of the evidence supporting the charges and the student may present informally his/her explanation or theory of the matter. When a student's presence poses a continuing danger to persons or property or an ongoing threat of disrupting the academic process, notice and opportunity for denial and explanation may follow suspension, but shall be given as soon as feasible thereafter.

Section 15.7 THE UNIVERSITY STUDENT SENATE. There shall be a university student senate responsible, subject to the board, for the formulation of university-wide student policy relating to the academic status, role, rights, and freedom 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 trustees in accordance with the education law and the bylaws of the board of trustees, 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 the full rights and responsibilities accorded student organizations as provided in these bylaws. The delegates and alternate delegates to the university student senate shall be elected by their respective constituencies, or by their student governments from the elected members of the respective student governments.

Section 15.8 COLLEGE GOVERNANCE PLANS. The provisions in a duly adopted college governance plan shall not be inconsistent with the provisions contained in this article.

*Section 15.10 THE REVIEW AUTHORITY OF COLLEGE PRESIDENTS AND COLLEGE ASSOCIATIONS.

a. The president of the college shall have the authority to veto any student activity fee including the student government fee allocation, which in his or her opinion requires further clarification, is inappropriate, or contravenes the laws of the city, state, or nation or any bylaw or policy of the university or any policy, regulation, or order of the college. If the college president chooses to exercise a veto within a reasonable time after being made aware of this action, he or she shall consult with the general counsel and vice chancellor for legal affairs and thereafter communicate his/her decision to the allocating body.

b. The college association may within ten (10) working days of the presidential veto, by the affirmative vote of two-thirds of the total membership of the governing board, override the presidential veto, except a presidential veto based upon compliance with the laws of the city, state, or nation, or bylaws or policy of the university shall not be subject to being overridden.

*Section 15.11 REFERENDA. 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.

b. 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.

c. 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 by the president of the college together with his/her recommendation.

d. At the initiation of a petition of at least 10% of the appropriate student body, the college president may schedule a student referendum at a convenient time other than in conjunction with student government elections.

*Section 15.12 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 activity fees.

B. The student governments shall be responsible for the full disclosure to their constituents of all financial information with respect to student government fees.
c. The college association shall be responsible for the full disclosure of all financial information to its membership, to the college, and to the student governments with respect to all of its activities, including auxiliary enterprises.

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 audits performed by a public auditing firm shall be conducted at least once a year.

*Section 15.13 STIPEND. The payment of stipends to student government officers and other student leaders is prohibited, except insofar as specifically authorized by board policy.

*Section 15.14 UNIVERSITY REVIEW COMMITTEE. There shall be a university review committee consisting of three administrators appointed by the chancellor.

a. The university review committee shall have responsibility for oversight and supervision over university student activity fees and extramural student activity fees. Recipients of extramural fees shall present an annual report to the appropriate board committee detailing the activities, benefits and finances of the extramural body as they pertain to the colleges where students are paying an extramural fee.

b. The university review committee may veto any proposed expenditure of the university senate student, subject to being overridden by the affirmative vote of two-thirds of the total membership of the university senate, in person or by mail ballot, except that a veto based upon the opinion that an item is in contravention of the laws of the city, state or nation, or bylaws or policy of the university is not subject to being overridden.

ARTICLE XVI—STUDENT ACTIVITY FEES AND AUXILIARY ENTERPRISES

Section 16.1 STUDENT ACTIVITY FEE. The student activity fee is the total of the fees for student government and other student activities. Student activity fees, including student government fees collected by a college of the university shall be deposited in a college central depository and, except where earmarked by the board, allocated by a college association budget committee subject to review by the college association as required in these bylaws.

Section 16.2 STUDENT ACTIVITY FEES USE—EXPENDITURE CATEGORIES. Student activity fee funds shall be allocated and expended only for the following purposes:

1. Extracurricular educational programs;
2. Cultural and social activities;
3. Recreational and athletic programs;
4. Student government;
5. Publications and other media;
6. Assistance to registered student organizations;
7. Community service programs;
8. Enhancement of the college and university environment;
9. Transportation, administration and insurance related to the implementation of these activities;
10. Student services to supplement or add to those provided by the university;
11. Stipends to student leaders.

Section 16.3 STUDENT GOVERNMENT FEE. The student government fee is that portion of the student activity fee levied by resolution of the board which has been established for the support of student government activities. The existing student government fees now in effect shall continue until changed. Student government 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.

*Implementation of these bylaws is deferred until the issuance of a decision in the proceeding pending in the Supreme Court of the State of New York, or until such later time as the order of the Supreme Court or a Court of Appellate jurisdiction shall provide.

tions, 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, subject to the review of the college association. Where more than one duly elected student government exists, the college association shall apportion the student government fees to each student government in direct proportion to the amount collected from members of each student government.

Section 16.4 STUDENT GOVERNMENT ACTIVITY DEFINED. 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 university or the duly established college authorities.

Section 16.5 COLLEGE ASSOCIATION.

a. The college association shall have responsibility for the supervision and review over college student activity fee supported budgets. All budgets of college student activity fees, except where earmarked by the board to be allocated by another body, should be developed by a college association budget committee and recommended to the college association for review by the college association prior to expenditure. The college association shall review all college student activity fees, including student government fee allocations and expenditures for conformance with the expenditure categories defined in section 16.2 of this article and the college association shall disapprove any allocation or expenditure if it finds does not so conform or is inappropriate, improper, or inequitable.

b. A college association shall be considered approved for purposes of this article if it consists of thirteen (13) members, its governing documents are approved by the college president and the following requirements are met.

1. The governing board of the college association is composed of:
   (i) The college president or his/her designee as chair;
   (ii) Three administrative members appointed by the college president;
   (iii) Three faculty members appointed by the college president from a panel whose size is twice the number of seats to be filled and the panel is elected by the appropriate college faculty governance body;
   (iv) Six student members comprised of the student government president(s) and other elected students with the student seats allocated on a budget committee representing each government, where more than one exists, as nearly as practicable in proportion to the student activity fees provided by the students from the respective constituencies.

2. The college association structure provides a budget committee composed of members of the governing board, at least a majority of whom are students selected in accordance with section 16.5(b)(1)(v) of these bylaws. The budget committee shall be empowered to receive and review student activity fee budget requests and to develop a budget subject to the review of the college association. The college association may choose to not approve the budget or portions of the budget if in their opinion such items are inappropriate, improper, or inequitable. The budget shall be returned to the budget committee with the specific concerns of the college association noted for further deliberation by the budget committee and subsequent revis mittal to the college association. If the budget is not approved within thirty (30) days those portions of the budget voted upon and approved by the college association board will be allocated. The remainder shall be held until the college association and the budget committee agree.

3. The governing documents of the college association have been reviewed by the board's general counsel and approved by the board.

Section 16.6 MANAGEMENT AND DISPURATION OF FUNDS. The college and all student activity fee allocating bodies shall employ generally accepted accounting and investment procedures in the management of all funds. All funds for the support of student activities are to be disbursed only in accordance with approved budgets and be based on written documentation. A requisition for disbursement of funds must contain two signatures; one, the signature of a person with responsibility for the program; the other the signature of an approved representative of the allocating body.

Section 16.7 REVENUES. All revenues generated by student activities funded through student activity fees shall be placed in a college central deposito-
Section 16.8 FISCAL ACCOUNTABILITY HANDBOOK. The chancellor or his/her designee shall promulgate regulations in a fiscal accountability handbook, to regulate all aspects of the collection, deposit, financial disclosure, accounting procedures, financial payments, documentation, contracts, travel vouchers, investments and surpluses of student activity fees and all other procedural and documentary aspects necessary, as determined by the chancellor or his designee to protect the integrity and accountability of all student activity fee funds.

Section 16.9 COLLEGE PURPOSES FUND. a. A college purposes fund may be established at each college and shall be allocated by the college president. This fund may have up to twenty-five (25) percent of the unmarked portion of the student activity fee earmarked to it by resolution of the board, upon the presentation to the board of a list of activities that may be properly funded by student activity fees that are deemed essential by the college president.

b. Expenditures from the college purposes fund shall be subject to full disclosure under section 16.13 of these bylaws.

c. Referenda of the student body with respect to the use and amount of the college purposes fund shall be permitted under the procedures and requirements of section 16.12 of these bylaws.

Section 16.10 AUXILIARY ENTERPRISE BOARD. a. The auxiliary enterprise board shall have responsibility for the oversight, supervision and review over college auxiliary enterprises. All budgets of auxiliary enterprise funds and all contracts for auxiliary enterprises shall be developed by the auxiliary enterprise board and contract committee and reviewed by the auxiliary enterprise board prior to expenditure or execution.

b. The auxiliary enterprise board shall be considered approved for the purposes of this article if it consists of at least eleven (11) members, its governing documents are approved by the college president, and the following requirements are met:

1. The governing board is composed of the college president or his/her designee as chair, plus an equal number of students and the combined total of faculty and administrative members.

2. The administrative members are appointed by the college president.

3. The faculty members are appointed by the college president from a panel whose size is twice the number of seats to be filled and the panel is elected by the appropriate college faculty governance body.

4. The student members are the student government president(s) and other elected students and the student seats are allocated on a basis which will provide representation to each government, where more than one exists, as nearly as practicable, in proportion to the student enrollment by headcount from the respective constituencies.

5. The auxiliary enterprise board structure provides for a budget and contract committee composed of a combined total of faculty and administrative members that is one more than the number of student members. The budget and contract committee shall be empowered to develop all contract and budget allocation proposals subject to the review and approval of the auxiliary enterprise board.

6. The governing documents of the auxiliary enterprise board have been reviewed by the board's general counsel and approved by the board.

Section 16.11 THE REVIEW AUTHORITY OF COLLEGE PRESIDENTS OVER STUDENT ACTIVITY FEE ALLOCATING BODIES AND AUXILIARY ENTERPRISE BOARDS. a. The president of the college shall have the authority to disapprove any student activity fee, including student government fee, or auxiliary enterprise allocation or expenditure, which in his or her opinion contravenes the laws of the city, state, or nation or any bylaw or policy of the university or any policy, regulation, or order of the college. If the college president chooses to disapprove an allocation or expenditure, he or she shall consult with the general counsel and vice chancellor for legal affairs and thereafter communicate his/her decision to the allocating body or auxiliary enterprise board.

b. The president of the college shall have the authority to suspend and send back for further review any student activity fee, including student government fee, allocation or expenditure which in his or her opinion is not within the expenditure categories defined in section 16.2 of this article. The college association shall, within ten (10) days of receiving a proposed allocation or expenditure for further review, study it and make a recommendation to the president with respect to it. The college president shall thereafter consider the recommendation, shall consult with the general counsel and vice chancellor for legal affairs, and thereafter communicate his/her final decision to the allocating body as to whether the allocation or expenditure is disapproved.

c. The chancellor or his designee shall have the same review authority with respect to university student activity fees that the college president has with respect to college student activity fees.

d. All disapprovals exercised under this section shall be filled with the general counsel and vice-chancellor for legal affairs.

e. Recipients of extramural student activity fees shall present an annual report to the chancellor for the appropriate board committee detailing the activities, benefits and finances of the extramural body as they pertain to the colleges where students are paying an extramural fee.

Section 16.12 REFERENDA. A referendum proposing changes in the student activity fee shall be initiated by a petition of at least ten (10) percent of the appropriate student body and voted upon in conjunction with student government elections.

a. 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.

b. 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 by the president of the college together with his/her recommendation.

c. At the initiation of a petition of at least ten (10) percent of the appropriate student body, the college president may schedule a student referendum at a convenient time other than in conjunction with student government elections.

d. Where the referendum seeks to affect the use or amount of student activity fees in the college purposes fund, the results of the referendum shall be sent to the board by the college president together with his/her recommendation.

Section 16.13 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 activity fees.

b. The student governments shall be responsible for the full disclosure to their constituents of all financial information with respect to student activity fees.

c. The student activity fee allocating bodies shall be responsible for the full disclosure of all financial information to its membership, to the college and to the student governments with respect to all of its activities.

d. The auxiliary enterprise board shall be responsible for the full disclosure of all financial information to its membership, to the college and to the student governments with respect to auxiliary enterprises.

e. 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 audits performed by a public auditing firm shall be conducted at least once each year.

Section 16.14 STIPENDS. The payment of stipends to student leaders is permitted only within those time limits and amounts authorized by the board.
Sexual Harassment Policy and Procedures

Sexual harassment is illegal. It is a form of sex discrimination in violation of Title VII of the 1964 Civil Rights Act, Title IX of the 1972 Education Amendment, and the official policy of The City University of New York. The City University of New York issued a policy in 1982 that prohibits sexual harassment of faculty, staff, and students:

"It is the policy of The City University of New York to prohibit harassment of employees or students of the basis of sex. This policy is related to and is in conformity with the equal opportunity policy of the University to recruit, employ, retain and promote employees without regard to sex, age, race, color, or creed. Prompt investigation of allegations will be made on a confidential basis to ascertain the veracity of complaints, and appropriate corrective action will be taken.

"It is a violation of policy for any member of the University community to engage in sexual harassment. It is a violation of policy for any member of the University community to take action against an individual for reporting sexual harassment."

Hunter College adheres to CUNY policy and condemns all forms of sexual intimidation and exploitation. For the purposes of this policy, sexual harassment is defined as unwelcome sexual advances, requests for sexual favors, and other intimidating verbal or written communications or physical conduct of a sexual nature. This behavior constitutes sexual harassment when:

1. submission to or rejection of such conduct by an individual is used as the basis for employment or academic decisions affecting that individual;
2. such conduct has the purpose or effect of unreasonably interfering with an individual's work performance or creating an intimidating, hostile, or offensive working or learning environment."

To implement CUNY's policy, Hunter College created a Sexual Harassment Panel to help educate the Hunter community about sexual harassment; to assist in the investigation of complaints of sexual harassment; and to make recommendations for corrective and disciplinary actions. (The Vice-President for Student Affairs designates the panel to investigate formal complaints by students; the panel reports the results of its investigations to the Vice-President for Student Affairs and makes recommendations for appropriate corrective action.) All complaints will be promptly investigated on a confidential basis, and anyone who engages in such behavior risks the possibility of disciplinary action. The individual bringing the complaint decides whether and how to pursue a resolution of the problem.

Any student or employee of the College may discuss complaints of sexual harassment with a member of the Sexual Harassment Panel for information on procedures for informal and formal resolutions of the problem. The Panel's office is Room 1239E, (phone 650-3660). Further information on the Panel is available from members of the Panel and in the following places:

<table>
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<tr>
<th>Student Services</th>
<th>President's Office</th>
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<tr>
<td>Women's Center</td>
<td>School of Social Work</td>
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<tr>
<td>Women's Studies Program</td>
<td>School of Health Sciences</td>
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<td>Security</td>
<td>Provost's Office</td>
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<tr>
<td>Employee Assistance Program</td>
<td>Lesbian and Gay Student Alliance</td>
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The coordinator of the Panel is Professor Nondita Mason (Department of English; 772-4039).

*These criteria are based on Guidelines issued by the Office of Civil Rights, Department of Education.

Drug-Free Schools and Campuses, Public Law 101-226

Hunter College is in compliance with the Drug-Free Schools and Communities Act Amendments of 1989 (Public Law 101-226).

The New York State minimum drinking age (21 years) is observed at all campus functions. Proof of age is required to consume alcoholic beverages and no individual appearing to be under the influence of alcohol will be served.

All Hunter College organizations sponsoring events must, in advance of the event, agree to the following conditions:

1. No person shall sell or provide an alcoholic beverage to a person under the age of 21. Where documentation of age is unavailable or not reasonably certain, the law requires denial of an alcoholic beverage to that person.
2. No person shall sell or provide an alcoholic beverage to a person actually or apparently under the influence of alcohol.
3. No person shall sell or provide an alcoholic beverage to a person known to be a habitual excessive drinker.
4. All advertising, promotion, publicity, invitations, etc. stating the availability of alcoholic beverages at an event, must include the following statement:

   The unlawful possession, use or distribution of drugs is prohibited on the campus. Violators will be subject to penalties ranging from reprimand and warning for a first infraction, to separation from the college for a subsequent offense.

Legal sanctions against students alleged to be in violation of Public Law 101-226 will be determined according to Article 15 Section 3 of the CUNY Board of Trustees By-Laws. Sanctions for members of the instructional staff and non-instructional staff will be governed by Article VII of the CUNY Board of Trustees By-Laws and Article XIV, respectively.

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<tr>
<th>Health Risks of Alcohol Abuse</th>
<th>Health Risks of Illegal Drug Abuse</th>
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<td>Dependency</td>
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<td>Mainnutrition</td>
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<td>Impaired judgment</td>
<td>Loss of control</td>
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<td>Reduced alertness</td>
<td>Skin abscesses</td>
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<td>Slowed reaction time</td>
<td>Vein inflammation</td>
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<td>Sensory and motor depression</td>
<td>Serum hepatitis</td>
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<td>Cirrhosis of the liver</td>
<td>Increased risk of HIV infection</td>
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<td></td>
<td>Reduced immunity</td>
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</tbody>
</table>

Assistance is available by calling:

Hunter College Emergency Medical Services — 772-4801
Employee Assistance Program — 772-4051
Student Services — 772-4882

The Hunter College Smoking Policy

I. General Statement

The Surgeon General of the United States has determined that smoking is the largest preventable cause of illness and premature death in the United States. Smoking is associated with the unnecessary deaths of more than 350,000 Americans a year. Moreover, research findings now indicate that exposure to Environmental Tobacco Smoke (ETS), also known as second-hand smoke and officially classified as an EPA Group A carcinogen, is linked to a variety of negative health consequences and is responsible for approximately 3,000 lung cancer deaths annually among nonsmokers in the United States.
It is the intent of this policy to promote a more healthful environment for all members of the Hunter College community at all locations, and concurrently, to protect the health of non-smokers.

The implementation of this policy signifies our full compliance with the New York State and New York City Clean Indoor Air Acts and the Smoking Policy of The City University of New York.

II. Definition
Smoking includes the inhaling, exhaling and carrying of any lighted cigarettes, cigars, or pipes.

III. Policy
Smoking is prohibited inside all facilities or vehicles owned, leased, or operated by Hunter College.

There will be no sale of cigarettes, cigars, or pipe tobacco at any facility, location or vending machine owned, leased, or operated by Hunter College or its contractors.

Because residence hall rooms are students' homes, smoking is permitted in residence hall rooms, but only if it is acceptable to all of the assigned occupants.

IV. Responsibility and Enforcement
While the responsibility for the implementation and effectiveness of the policy lies with all Hunter College faculty, staff, students and guests, ultimate administrative responsibility to achieve college-wide compliance rests with deans, directors, and senior staff in charge of the various divisions, units, offices and facilities. To effect adherence, members of the Hunter College community must be willing to directly and politely inform those unaware of the policy, and remind those who disregard it. If this approach and effort is unsuccessful, the individual in violation of this policy will be brought to the attention of the dean, director, senior staff member or other person in charge for further discussion and progressive counseling. Those who still do not comply will face corrective action consistent with the nature and seriousness of the continuing violation.

Disputes arising under this policy involving employees covered by collective bargaining agreements shall be resolved under the complaint and grievance procedures of their respective collective bargaining agreements. Complaints and disputes involving excluded employees shall be resolved under The City University of New York Smoking Dispute and Complaint Resolution Procedure.

Fire Safety Plan

Instructions
A. If you see a fire, do the following:
1. Call the Fire Department (911), or
2. Call the Security Emergency Number 772-4444, or
3. Pull the Fire Alarm
4. Then, follow the procedures below

B. Procedures
a. Evacuate your area.
b. Close but do not lock doors.
c. Follow instructions transmitted over the public address system.
d. Proceed to evacuate the building through designated exits.
e. Evacuate to street if not directed otherwise over the public address system.
f. Before entering any stairwell, touch the door with the palm of your hand. If it is warm or hot, do not enter the stairwell. Proceed to the next stairwell.
g. When leaving the building keep your head turned to the center of the stairway.
h. Walk downstairs—do not run. Do not panic. Remain calm.
i. It is dangerous to use elevators during an evacuation. Use elevators only when authorized to do so by Fire Emergency Personnel.
j. When using the down escalators, make long and wide turns going from one escalator to the next escalator in order to prevent congestion.
k. When you are outside the building move away from the entrance approximately two hundred feet.
l. Wait for the all clear signal before re-entering the building.

HUNTER COLLEGE CAMPUS SAFETY AND SECURITY
FIRE SAFETY PLAN FOR THE DISABLED (INTERIM PLAN)

This Fire Safety Plan for The Disabled is established to provide for the safety of the disabled members of the Hunter College community and disabled visitors to the College in the event of a fire or other life-threatening emergency. The plan will be implemented in any situation in which there may be a need to relocate disabled persons to a safe location.

The Fire Safety Plan for the Disabled identifies the New York City Fire Department as the agency having the primary responsibility for relocating any disabled person from an endangered floor to a safe location. However, if the Fire Department or other New York City emergency agency response is not exercised in a timely fashion, and the situation requires immediate removal of disabled persons, College Safety and Security Personnel will transport such individual or individuals to a safe location.

The Fire Safety Plan for the Disabled is a part of the Hunter College Fire Safety Plan. All faculty, staff and students are advised to read and be fully familiar with the entire Fire Safety Plan.

Instructions
A. If you see a fire, do the following:
1. Call the Fire Department (911), or
2. Call the security emergency number 772-4444, or
3. Pull the fire alarm
4. Then, follow the procedures below

B. Procedures for the Disabled
1. During an emergency, the entire floor may or may not need to be evacuated. In either case, when you hear the emergency alarm, assemble near any exit door near the elevators.
2. Do not enter the stairwell. Do not use an elevator unless directed by the fire department or Hunter's Emergency Response Team.

Relocation Procedures for the Disabled
If it is necessary to evacuate the entire floor, a member of the Fire Department or Hunter's Emergency Response Team will search the entire floor to locate disabled persons. The emergency personnel will remove you to a safe location by elevator or stairwell. A notice containing these procedures shall be placed on each floor.

Hunter North — Special Instructions
1. In Hunter North, go to the area near the Fire Tower. The entrance to the Fire Tower is located at the north end of the west corridor (the corridor parallel to Park Avenue). A diagram of the Fire Tower location is provided at the end of this section.
2. Do not enter the Fire Tower stairwell unless the major portion of the college community has completed its descent.

Other Precautions
1. Remain calm. Your safety and the security of others depend on the absence of panic.
2. Before entering any stairwell, touch the door leading into the stairwell. If the door is warm or hot, do not open or enter the stairwell. Proceed to the next stairwell.

3. If you cannot reach a stairwell near an elevator, and you are in an office or classroom and have access to a phone, call Security at 772-4444. Disabled persons and persons who are trapped are the only persons who should call Security during a fire emergency.

4. If you are in an area with a door and cannot reach an exit near the elevators, seal the crack around the door with rags or clothing.

5. Campus Safety and Security has a chart indicating all the special rooms in the library designed for use by the disabled. These rooms will be checked during a fire emergency.

**What Emergency Personnel Will Do**

1. The Emergency Response Team member who searches the floor will report your location to the Fire Command Station. The Fire Command Station will inform the Fire Department of your location.

2. If you are in need of relocation and the Fire Department is not available to relocate you, a member of Campus Safety and Security Personnel will relocate you to a safe location.

3. If necessary, you will be relocated to a safe floor or taken out of the building.

**Training and Orientation**

**A. Training**

Personnel in the College Safety and Security Department are trained in the proper methods for safe lifting and carrying of disabled persons. (See Assembling and Relocation Procedures, next column)

**B. Orientation**

1. Orientation to the Fire Safety Plan, including the relocation procedures, will be provided for disabled faculty, students and staff yearly under the auspices of the 504 Committee.

2. Orientation for new disabled students will be included in the orientation program for entering freshmen.

3. Instructions regarding the Fire Safety Plan and Relocation Procedures will be included in the regularly conducted fire drills.

**Locating Disabled Persons**

A. Security maintains class schedules for disabled students and work schedules for disabled faculty and staff. These schedules will be used to assist emergency personnel to locate disabled persons in an emergency.

B. Students are responsible for reporting their class schedules, their work schedules, and schedule changes to the Coordinator for Disabled Student Services (Room E1100 - East Building).

C. Disabled faculty and staff are responsible for reporting their work schedules and schedule changes to the Director of Personnel (Room E1502A).

**Responsibility for Implementation**

The Director of Security is responsible for the implementation of the Fire Safety Plan.

**Distribution**

The Fire Safety Plan for Disabled Persons will be distributed to all faculty, students and staff who have identified themselves as disabled.

The Fire Safety Plan for the Disabled will be distributed with the Hunter College Fire Safety Plan.

**FIRE SAFETY PLAN FOR DISABLED PERSONS**

**Assembling and Relocation Procedures**

When there is a fire alarm in one of the College's buildings, disabled persons who are unable to walk down steps should assemble at one of the Disabled Persons Fire Emergency Assembly Areas (DPFEAA).

These areas are located on every floor of Hunter's four buildings in the immediate vicinity of each building's elevators. They are near the two stairwells closest to the elevators. The areas are identified by wall signs that identify the area as a Disabled Persons Fire Emergency Assembly Area.

During a fire alarm, fire wardens, fire searchers and security personnel have been directed to communicate the number, the location, and the status of all disabled persons via Fire Warden Phones or through security personnel to Hunter College's Fire Command Station. The security person at the Fire Command Station will notify members of the New York City Fire Department of the status of all disabled persons in the building as soon as the firefighters arrive at the campus.

No person should ever use an elevator in a fire unless so directed by Fire Department personnel. Using an elevator in a fire is extremely dangerous. The College has been informed by the Fire Department that the use of elevators in a fire has, in many cases, resulted in many unfortunate and unnecessary deaths.

The New York City Fire Department has informed Hunter College that the Department has the primary responsibility to determine if elevators can be used to transport disabled persons during fire emergencies. Fire Department officials also state that they are responsible for relocating disabled persons to a safe location if such relocation is necessary.

The New York City Fire Department considers transporting disabled persons in an emergency a highly risky procedure. The relocation process may subject disabled persons and other persons to accidents and injuries. However, if it is necessary to relocate disabled persons during an emergency, the Fire Department will handle the relocation of disabled persons, using safe procedures and experienced Fire Department personnel.

If elevators can be used during a fire alarm, the Fire Department considers use of the elevators to be the best method of relocation because it is practical, safe and efficient. This explains the Fire Department's position of advocating Emergency Assembly Areas for Disabled Persons. (The Fire Department often refers to this type of assembly area as a refuge area.)

When there is a report of a fire alarm in the building (Note: the alarm may be a false alarm or the fire may be in a small section of the building), if disabled persons are not in any danger from the fire or its smoke, the Fire Department does not automatically recommend the relocation of disabled persons. In most cases, the Fire Department would not recommend that such persons be removed from the building. Instead, the Fire Department would recommend that such persons be moved to a safe location within the building.

**NOTE:** It is extremely important that the Hunter College community understand the procedure of the New York City Fire Department for evacuating a building which is experiencing a fire. Everyone in the building should not automatically be evacuated to the street. No one should be evacuated without consultation with the Fire Department. This is the policy for ambulatory persons as well as non-ambulatory persons.

If you have any questions regarding the standards used to determine the need for evacuating the buildings, call the Director of Campus Safety and Security, (212) 772-4521.
When Security Personnel Will Relocate Disabled Persons

If, for any reason, a disabled person is in imminent danger because of fire, smoke or other circumstances on campus, and members of the New York City Fire Department are not present to relocate the disabled person, Campus Safety and Security personnel, and other members of the Fire Response Team will assume the responsibility of moving that person to a safe location.

Security personnel operating under the direction of the Fire Command Station, or the Security Supervisor in charge of the emergency, will take command and make immediate arrangements to have the disabled person(s) moved to a safe location. If necessary to carry out this task, the Security Supervisor will ask for assistance from other members of the Fire Response Team as well as from other volunteers.

NOTE: The Security Supervisor in charge of the evacuation process will determine how many persons will be needed to relocate a disabled person. The factors of body weight and weight of wheelchair will be considered when these assignments are made, including: • the weight of the disabled person; • the weight of the wheelchair; • the width of the staircase; and • any other factors deemed necessary to successfully carry out these functions without accidents.

When Fire Wardens and Fire Searchers and other members of the Fire Response Team report the status and location of disabled persons who use wheelchairs to the Fire Command Station, they will include the approximate weight of the disabled persons and their wheelchairs. It is requested that Fire Wardens or Fire Searchers remain with disabled persons while they wait at a Disabled Persons Fire Emergency Assembly Area to be relocated.

Procedure For a Disabled Person Who is Blind

If a disabled person who is blind has to be relocated, he or she will be escorted to a safe location by a Security person, a Fire Warden, a Fire Searcher or a member of the Hunter College Fire Response Team if he or she is able to walk down the stairs.

Procedures For a Disabled Person Who is Deaf

A disabled person who is deaf will be contacted by Security personnel, Fire Wardens, or Fire Searchers in their search of all floors. Those disabled persons will be informed of the fire and will be given the same directions as other ambulatory persons—they will be told to leave the floor using the appropriate staircase.

Special Caution on Lifting and Carrying Disabled Persons

Before lifting a disabled person, those doing the lifting will, if possible, ask the disabled person how he or she should be lifted. Disabled persons know better than anyone else how they should be lifted or carried in order to avoid being injured.

The procedures for lifting and carrying disabled persons are derived from instructions prepared under the direction of the Center for Independence of the Disabled New York (CIDNY).

Lifting and Carrying Procedures For Disabled Persons Who Use Wheelchairs

If you are a disabled person who must be carried to a safe location because you use a wheelchair or are unable to walk downstairs for any reason, and you are endangered by the fire condition, you will be carried to a safe location by Security personnel with the assistance of a member of the Hunter College Fire Response Team.

Whenever possible, a disabled person who uses a wheelchair will be carried downstairs without being removed from his or her wheelchair. In the following procedures, the "Carrier" indicates the person who will assist the disabled person.

Specific Guidelines for Lifting and Carrying Persons in Wheelchairs:

1. Caution: No disabled person is to enter a stairwell or be carried into a stairwell, or down steps, when ambulatory occupants are using that particular stairwell to leave the building. This is a precaution that must be taken to prevent panic and accidents between ambulatory and non-ambulatory persons.

2. The Fire Tower in the North Building has a wide staircase, and, because it is wide, it may be feasible, under some circumstances, to use this staircase to accommodate a disabled person in a wheelchair while ambulatory persons are going down the staircase.

3. The wheelchair wheels will be placed in a locked position before any lifting takes place.

4. If possible, the Carriers will strap the disabled person to the wheelchair. The disabled person should always be facing forward when carried.

5. The Carriers should be located at each side of the wheelchair. The Carriers should also be facing each other and the disabled person in the wheelchair should be between the carriers.

6. The Carriers should grasp each side of the wheelchair at the upper section of the rear frame and the lower section of the front frame. Moving parts or a weak area on the frame should not be used as a handle to lift the wheelchair.

7. The Carriers should bend their knees slightly before lifting a wheelchair and should straighten their knees as they lift it. Carriers should not use their backs for leverage while lifting as they may injure themselves or be the cause of an accident involving the disabled person.

8. The Carriers will coordinate all movements with the Carrier's partner(s). The Carriers should synchronize their one-step-at-a-time movement downstairs. Carriers should not turn their bodies to face forward or cross one leg over the other leg while moving down the staircase.
Lifting and Carrying a Disabled Person Independent of His/Her Wheelchair

There may be occasions when a disabled person who uses a wheelchair cannot be carried within his or her wheelchair for a variety of reasons. The chair may be too heavy, the staircase may be too narrow, or the Carriers may not be strong enough to carry a person in a chair. If any of these circumstances present themselves, the disabled person will be lifted out of his or her wheelchair and carried in the following manner:

1. The wheels of the wheelchair should be placed in a locked position before lifting the disabled person.
2. The Carriers should be stationed on each side of the wheelchair.
3. If the disabled person is physically able to do so, have that person place his or her arms behind the neck and shoulders of the Carriers before attempting to lift the person.
4. Each Carrier should place one arm around the back of the person to be lifted.
5. Each Carrier should place his or her other arm under the thigh area (close to the knee), of the person to be lifted. Before lifting the person, Carriers should bend their knees. They should not use their backs for leverage. Carriers should not attempt to join hands while lifting or carrying the disabled person.
6. Carriers should descend the stairs using the same method described for carrying a person in a wheelchair.

The Hunter College Fire Safety Plan was prepared by Campus Safety and Security with the advice of the New York City Fire Department and other experts. Assistance was also received from the Hunter College 504 Committee.

January 1990
Abbreviations

ABS  Absence
APT  Advanced placement test
APTS Aid for Part-Time Study
BA  Bachelor of Arts
BFA  Bachelor of Fine Arts
BMus  Bachelor of Music
BS  Bachelor of Science
CR/NC  credit/no credit
CLEP  College-level Examination Program
conf  conference
COR  Career Opportunities in Research and Education
coreq  corequisite
CPE  College Placement Examination
CPI  College Preparatory Initiative
cr  credit(s)
CRT  cathode ray tube
CUNY  City University of New York
D  day
demo  demonstration
department
disc  discussion
E  evening
Fa  Fall
ff  following
FIN  Failure-Incomplete
FP&B  Faculty Personnel and Budget Committee
Fr  Freshman
FSAT  Freshman Skills Assessment Test
FWS  Federal Work Study
G  Graduate
GED  Test of General Educational Development
GPA  Grade point average
HEGIS  Higher Education General Information Survey
hr(s)  hour(s)
ID  identification
IN  Incomplete
instr  instructor
Jr  Junior
K-12  Kindergarten through 12th grade
lab  laboratory
lec  lecture
MA  Master of Arts
MARC  Minority Access to Research Careers
MBRS  Minority Biomedical Research Support
MS  Master of Science
MSEd  Master of Science in Education
MSW  Master of Social Work
MUP  Master of Urban Planning
N-6  Nursery—6th Grade
perm  permission
PhD  doctor of philosophy
PLUS  Parent Loans for Undergraduate Students
prereq  prerequisite
rec  recommendation
recit  recitation
Sec. Ed.  Secondary education
SEEK  Search for Education, Elevation, and Knowledge
sam  semester
So  Sophomore
Sp  Spring
Sr  Senior
Su  Summer
TBA  to be arranged
TOEFL  Test of English as a Foreign Language
TTT  Training Tomorrow's Teachers
U  Undergraduate
W  student withdrawal without penalty
WA  administrative withdrawal without penalty
WU  withdrew, failing or without approval
yr  year
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Office of Publications

Director and Editor Jean T. Sadowsky
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Office Manager Johnnie Douglas

The course descriptions in this catalog summarize the full, official descriptions authorized by the Hunter College Senate. Full descriptions are available in the appropriate school and department offices.

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Photography
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Rob Klein: pp. 38, 40, 46, 52, 55, 66, 71, 75, 93, 130, 136, 154, 156, 172, 177
José Pelaez: p. 69
Conrad Waldinger: p. 189

Typesetting Richard Kipper, PC Publishing Systems
Printing Custom Printing Company