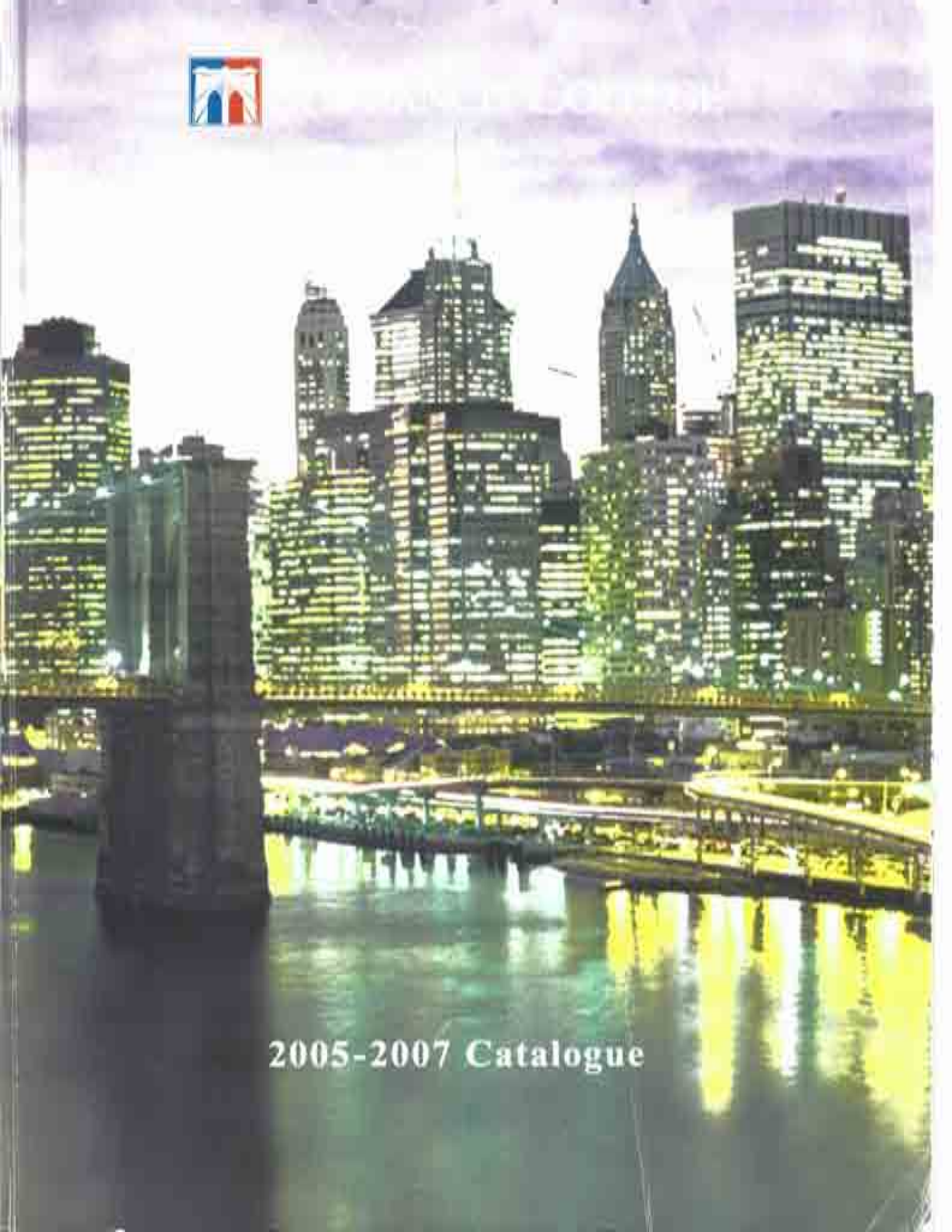
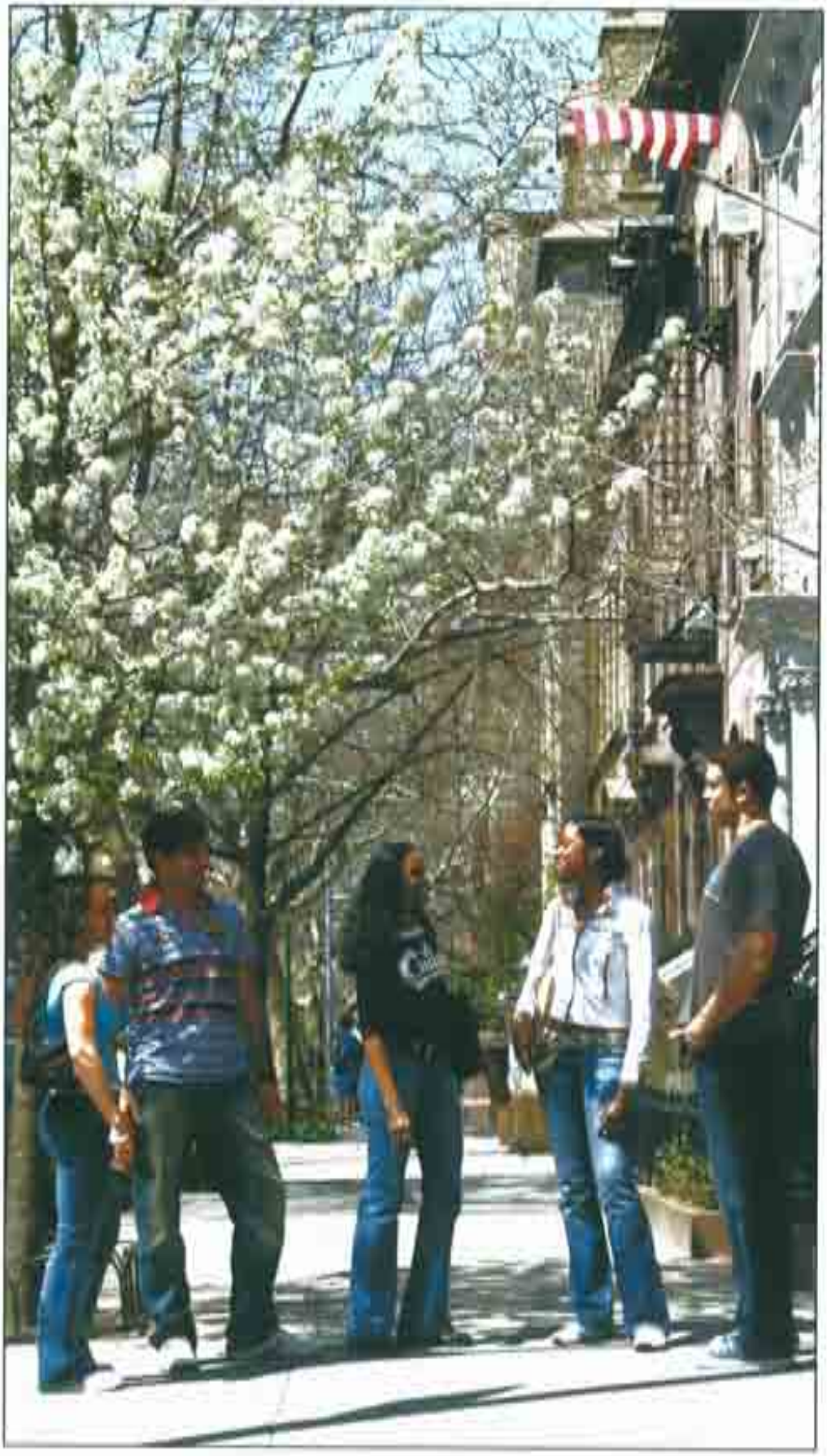


2005-2007 Catalogue



ST. FRANCIS COLLEGE

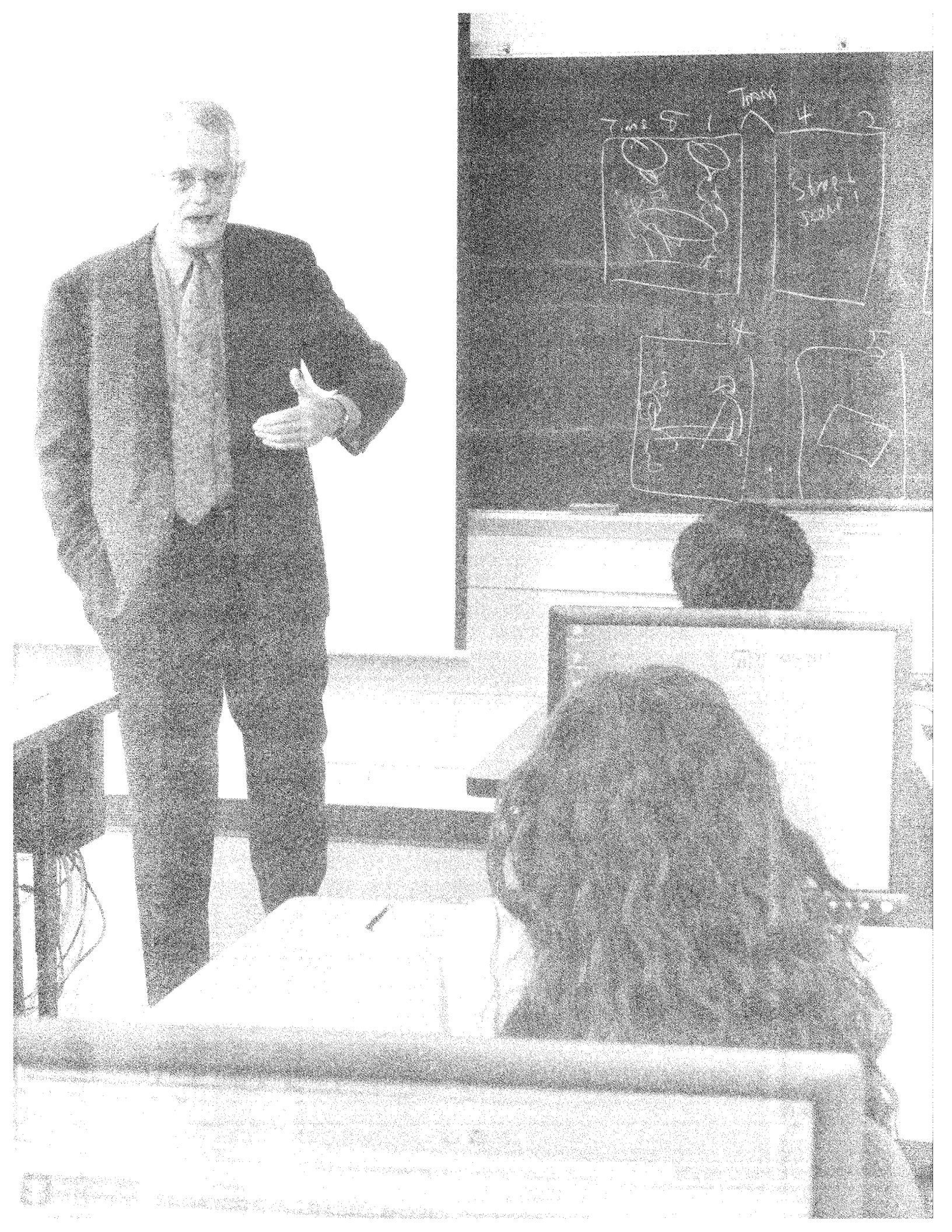
THE SMALL COLLEGE OF BIG DREAMS

180 Remsen Street
Brooklyn Heights, NY 11201
718 522-2300

stfranciscollege.edu



2005-2007 Catalogue



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Mission Statement

St. Francis College is a private, independent, co-educational college that welcomes students from all walks of life, providing a superior liberal arts education at an affordable price. The St. Francis student benefits from small classes taught by professors who are committed to providing an education in an atmosphere of support and friendship. By integrating liberal arts and pre-professional programs, the College promotes the development of the whole person. Both the Franciscan heritage and the Catholic tradition establish a cornerstone of academic excellence, social responsibility, and mutual respect throughout the entire College community.

History of the College

St. Francis College has a proud heritage of providing students with the preparation they need to take their places as contributing members of society. With a mission founded on the ideals and teachings of St. Francis of Assisi, the school has played an important role in the community and in the lives of its students and alumni.

St. Francis College was founded by Franciscan Brothers in 1859 as St. Francis Academy, the first private school in the diocese of Brooklyn. The school, dedicated to the education of the young diocese's Catholic boys, started in a building on Baltic Street and grew quickly. In just a little more than 25 years, the trustees of the Academy received permission from the state legislature to "establish a Literary College" and to confer diplomas, honors, and degrees. St. Francis Academy became St. Francis College and in June 1885 bestowed its first Bachelor of Arts degree.

The College continued its meteoric growth. In 1926, the Brothers opened a new facility on Butler Street. In 1957, the Regents of the University of the State of New York granted an absolute Charter to the Trustees of the College and three years later, St. Francis College embarked on an expansion program. The College moved to Remsen Street, where it had purchased two office buildings from Brooklyn Union Gas Company, allowing it to double its enrollment. Shortly thereafter, it became a co-educational institution and additional property was purchased on both Remsen and Joralemon Streets. The College expanded its facilities with the construction of a science building, physical education complex, and housing to accommodate the Franciscan Brothers and provide more space for faculty. In spring 2003, St. Francis College completed a new athletic and event facility atop the College's gymnasium, the Anthony J. Genovesi Center. Scheduled to open in fall 2005 is a 35,000 square foot academic center, which will include a state-of-the-art library, "smart" classrooms equipped with wireless Internet access and multimedia technology, a theater/lecture hall, updated facilities for the Communication Arts department, gathering spaces and an Internet-ready cyber lounge for students, and office space for several academic departments.

Today the College serves 2,000 students and boasts an alumni association of 12,000 members. Students come primarily from Brooklyn and the other boroughs of New York City, although their backgrounds are representative of some 80 countries. Every June, more than 350 degrees are conferred in the liberal arts and sciences. Many distinguished public servants, scientists, lawyers, business professionals, and teachers call St. Francis College alma mater, as do many of the priests and nuns within the dioceses of Brooklyn-Queens and Rockville Centre.

Accreditation and Memberships

St. Francis College is chartered by the Regents of the University of the State of New York and is accredited by the Middle States Association of Colleges and Schools. It is a member of the following:

Association of American Colleges
National Commission on Accrediting
Commission on Independent Colleges and Universities
Association of Catholic Colleges and Universities
Council for Advancement and Support of Education
International Assembly for Collegiate Business Education
National Association of Independent Colleges and Universities
Association of Franciscan Colleges and Universities
Brooklyn Independent Colleges
Brooklyn Chamber of Commerce
Downtown Brooklyn Development Association
University Aviation Association

All information contained herein is for informational purposes only. It is necessarily subject to change without notice or obligation at the discretion of the administration. All such changes may apply not only to prospective students but also to those who are already enrolled in the College. In addition, this catalogue is neither a contract nor an offer to contract between the College and any person or party.

St. Francis College is committed to a policy of equal treatment and opportunity in every aspect of its relations with its faculty, administrators, students, and staff members, without regard to sex, race, color, religion, national group, age, disability, or marital status.



ST. FRANCIS COLLEGE
THE SMALL COLLEGE OF BIG DREAMS

Office of the President

Dear Student:

Welcome to the "Small College of Big Dreams," where students from all walks of life—primarily from the five boroughs of New York City—have been making dreams come true for themselves and their families for nearly 150 years. At St. Francis College we know that the definition of success is broad, and we are committed to helping students determine for themselves what that means in academic, personal, and professional terms.

At the heart of the St. Francis College experience is the core curriculum, which provides the foundation for all courses of study at the College. After fulfilling credit requirements in humanities, fine arts, social science, and natural science, students begin coursework specific to one of more than 30 majors, including a new opportunity to earn a B.S./M.S. in accounting. While enrolled, students have access to limitless opportunities to gain expertise in a number of fields. This happens through coursework as well as internships that allow you to experience firsthand the type of work you hope to do after graduating. For students who choose to apply to graduate school, their wide range of options reflects the quality of the undergraduate experience here.

Intrinsic to the culture of the College, inside and outside the classroom, is a commitment to promoting the development of the whole person through intellectual, social, physical, and spiritual growth. Values reflective of a Catholic education, freedom, tolerance, and respect for one another, are brought forth as students gain the skills and strengths they will need in their roles as citizens, employees and employers, community leaders, and parents.

Above all, students at St. Francis College know that faculty and administrators want them to succeed. The spirit of help and friendship that underscores all academic endeavors makes St. Francis College unique among higher education institutions. It is this quality that has meant the difference for thousands of students between earning a degree and charting a path for lifelong success—regardless of how it's defined.

Yours in St. Francis,

Frank J. Macchiarola '62
President

180 Remsen Street, Brooklyn Heights, New York 11201 (718) 489-5345 Fax (718) 237-8964 stfranciscollege.edu

GENERAL INFORMATION

Campus Life and Student Affairs

The Student Affairs division, through maintaining an environment that promotes the development of the whole student, supports and enhances the mission of the College. Dedicated to nurturing the intellectual, interpersonal, physical, moral, and spiritual development of all students, the division promotes an ethic of care and justice in all interactions and experiences among student affairs professionals, instructional faculty, and students. Student centered in its endeavors, the division strives to affirm the dignity and worth of every student, and in keeping with the College's Franciscan heritage, encourages community service and ethical behavior in its programs, services, and decisions. The division comprises the offices of the Dean of Students, Associate Dean and Student Activities, International Student Advising, Athletics and Recreation, Career Development, Counseling, Student Health, and Campus Ministry.

Facilities

McArdle Student Center provides several areas for meeting informally and pursuing a variety of social and recreational activities. An array of food and beverages is available to students at relatively low cost through the cafeteria service in the student center's Gorman Hall.

The College bookstore, operated by Barnes and Noble, Inc., is in the cellar ("C") level of the main building. The store provides all books, materials, and supplies required for coursework at the College. It is open from 9 a.m. to 6:30 p.m. Monday through Thursday, and from 9:30 a.m. to 4 p.m. Friday. (For the first two weeks of each semester, the bookstore operates from 9 a.m. to 8:30 p.m. Monday through Thursday.) Hours are subject to change without notice.

Athletics facilities include two full-sized gymnasia, the Pope Center and the Genovesi Center, for intercollegiate and intramural sports and physical education classes. The Genovesi Center serves also as a space for special events and meetings. Students also have access to the College's competition-sized swimming pool and fitness center.

Academic Integrity

The College policy that defines academic integrity includes procedures for dealing with violations of that policy. Matters of academic integrity are distinct from the rubrics of student misbehavior: violations of academic integrity include cheating, counterfeit work, falsification of academic records, falsification of data or creation of false data, plagiarism, theft (of information), and unauthorized reuse of work. Since a violation of academic integrity takes place whenever anyone undermines the academic integrity of the College or attempts to take unfair advantage of others, the above list cannot be exhaustive. For further information, including the complete policy, procedures, and sanctions, please refer to *The Cord*.

Accident Insurance Program

Provided that the College is able to negotiate a policy on their behalf, all full-time day students will be covered by a medical accident insurance policy. In brief, the benefits and limitations of this plan are as follows:

- The plan covers medical expenses incurred as the result of an accident for eligible students while they are enrolled at the College. Coverage is in effect 24 hours a day. It does not cover loss due to sickness.
- Payment will be made up to a maximum benefit of $2,500 per accident; additionally, a flat sum of $2,000 will be paid in the event of accidental death.
- The plan does not cover replacement or repair of eyeglasses, contact lenses, prescriptions, dental x-rays, hearing aids, loss due to war, drug addiction, or losses for which benefits are payable by Workers' Compensation. Dental expense is covered only to the extent of losses incurred as a result of injury to sound, natural teeth.
- Benefits are payable only on an excess basis over and above any coverage provided by any other group, blanket, franchise or prepaid service policy or plan, regardless of any coordination of benefits, non-duplication of benefits, or any other similar provision contained in such policy or plan. The costs of this plan are borne by a portion of the student activity fee paid by all full-time day students; there are no additional charges.

Information concerning claims is available in the Student Health Office in room 2310. Claims should be made to the College nurse within 15 days of an accident's occurrence. The College also makes available to students optional supplemental accident and sickness medical benefit plans. These will be of particular interest to dependent students who are not covered under a parental health insurance plan or independent students who lack coverage for themselves or their dependents. Details are available in the Student Health Office. For information concerning special insurance for those students who participate in intercollegiate sports, contact the College's athletic trainer.

Athletics

The College, a member of the Northeast Conference, currently sponsors 18 NCAA Division I intercollegiate athletic sports. All College athletic events are free to members of the St. Francis community with valid ID cards. Students with exceptional talent who meet strict academic requirements are eligible to compete.

St. Francis College fields men's teams in baseball, basketball, cross-country, soccer, swimming, tennis, indoor track, outdoor track, and water polo. Women compete in basketball, cross-country, softball, swimming, tennis, indoor track, outdoor track, water polo, and volleyball. Plans are underway to add women's soccer as a varsity sport in fall 2007.

The College provides a well-rounded intramural sports program. Students compete in basketball, volleyball, touch football, aquatic sports, and table tennis. Students are encouraged to take advantage of the swimming pool, gymnasia, and fitness center.

Campus Crime

In accordance with New York State Education Law, Article 129A, the Advisory Committee on Campus Safety will provide upon request all campus crime statistics as reported to the U.S. Department of Education, www.ope.ed.gov/security. To request this information, contact the Vice President of Student Affairs and Dean of Students, (718) 489-5214.

Campus Ministry

Flowing from the mission of St. Francis College, the programs offered by Campus Ministry are aimed at the development of the whole person in an atmosphere of friendship and support, within a socially responsible, mutually respectful, serving community. Working in collaboration with other departments, Campus Ministry focuses particularly on the spiritual development of students and the college community.

Franciscan service is based on relationship with God, self, the human family, and all creation. Campus Ministry is, first of all, a presence that makes these interrelationships visible. It focuses particularly on the spiritual development of both the persons and the community, which together constitute the College. It creates and enhances initiatives that promote the dignity of each person and the building of community through spiritual awareness, private prayer and public worship, social leadership, supportive collaboration and community service.

Campus Ministry is located in the McArdle Student Lounge in room 1304 and has offices in room 2310 and on the main floor near the elevators. The Director of Campus Ministry, Brother Thomas Grady, O.S.F. (ext. 5493); the Assistant Director, Sister Colleen Colbert, O.P. (ext. 5367); and two student assistants are available daily to respond to concerns of students.

The College chapel, located near the elevators, is always open for private prayer and personal reflection. In addition, there are daily prayer services and a weekly Mass. Retreat opportunities are provided during the year and the RCIA program is offered for students wanting the Sacraments of Initiation. Campus Ministry also sponsors the College choir and a program of service through which students volunteer on campus or in neighboring communities. Through these efforts, campus ministry seeks to enhance the College community while extending its caring mission to the wider society.

Campus Ministry welcomes students from all religious traditions.

Career Development Center

The professional staff and resources of the Career Development Center are available to assist students to make wise and suitable career choices and secure appropriate postgraduate employment. Toward these ends, the Center provides a substantial library of print and audiovisual career planning reference materials as well as computer terminals providing access to the vast resources of the Internet. The staff of the Center is available for career guidance and counseling on an individual basis and regularly offers workshops in such essential aspects of the career planning process as resume writing, preparation for the employment interview, and effective job search skills and techniques.

A video cassette recorder is available for students to watch various career-related video tapes. Students may be taped during practice interviews and can review the tape for valuable feedback. Members of the senior class may take advantage of the substantial number of placement interview opportunities offered each spring with representatives of major corporations and others seeking to hire St. Francis graduates.

All students may avail themselves of the part-time employment opportunities made available through the Center. The Career Development Center is a major clearinghouse for part-time employment opportunities, a significant number of which are in the vicinity of the College. Students seeking such opportunities are encouraged to take advantage of this service.

Emergency Notifications

Requests to deliver emergency notifications phoned in by relatives or friends of students are impractical, due to limitations of staff and uncertainty of student whereabouts. With this in mind, the students of the College are advised to make some arrangements whereby such emergency contingencies would be covered in another way during the hours they plan to spend on campus. In the event of an extreme emergency, the College will do its best to locate a student, but this will only be done in the most critical situations and cannot be assured.

Identification Cards

In the interest of increasing the safety and security of the campus, the College requires all members of the academic community to have a properly validated photo identification card. Students must carry the card at all times, display it upon entering the College, and present it upon the request of a College official or security officer. Presentation of the card is required to pick up refund and work-study payroll checks as well as to see or pick up academic records in the Registrar's Office. Students not in possession of a properly validated card may obtain a new card for a fee of $10 in the Office of Student Activities.

International Student Advisor

The International Student Advisor is available to counsel students from other nations on immigration status and regulations, explain academic procedures, and help them acclimate to unfamiliar aspects of American culture. The International Student Advisor's office is located in the Office of Student Activities, room 2305, (718) 489-5315.

Lockers

Lockers are available for the convenience of students; they are not required. Those who wish to use a locker must see the staff of the Office of Student Activities, located in room 2305. Students must provide their own locks; items are stored at the student's own risk.

Lost and Found

Found articles should be given to Facilities Management (room 5016), Student Activities (room 2305), or College Security during working hours. Students should check these offices to see if missing items have been returned.

Proof of Immunization

Appropriate documentation as described below must be presented to the Office of Admissions upon application for admission or re-admission to the College or as soon as practicable thereafter. No student will be permitted to complete his or her initial registration for classes until the documents are on file. Complete information is available from the Dean of Students Office, room 3307.

Specifically, all students born on or after January 1, 1957, must provide proof of immunity against measles, mumps, and rubella in accordance with New York State Public Health Law §2165. Proof of immunity consists of a certificate signed by a physician or health care provider that documents measles, mumps, and

rubella immunity. The certificate must specify the type of vaccine and the dates (month, day, and year) of administration, or the date of disease diagnosis, if any, or the date of serologic testing and results, if any. A student health record that properly documents the immunization history described above is acceptable as proof of immunity. Persons may be exempt from measles, mumps, and rubella vaccinations if a physician certifies in writing that the immunizations may be detrimental to their health or they hold genuine and sincere religious beliefs that are contrary to immunization and submit a notarized statement to that effect.

In addition, on July 22, 2003, Governor George Pataki signed New York State Public Health Law §2167 requiring St. Francis College to maintain for each student a signed response to the receipt of meningococcal disease and vaccine information, including information on the availability and cost of meningococcal meningitis vaccine (Menomune®).

Measles

Students must have two doses of live measles vaccine (administered after 1967); the first dose must have been received on or after the first birthday and the second dose received at or after 15 months of age and at least 30 days after the first dose. Combined measles, mumps, and rubella vaccine (MMR) is recommended for both doses, or physician diagnosis of disease or serologic evidence of immunity.

Mumps

Students must have one dose of live mumps vaccine received on or after the first birthday or physician diagnosis of disease or serologic evidence of immunity.

Rubella

Students must have one dose of live rubella vaccine received on or after the first birthday or serologic evidence of immunity.

Meningococcal Meningitis

We must collect either a record of meningococcal immunization within the past ten years or acknowledgment of meningococcal disease risks and refusal of meningococcal meningitis immunization by the student.

Student Counseling Center

The College has professional counselors on campus several hours each day during both the fall and spring semesters. These men and women offer personal counseling and assistance in dealing with personal problems of all kinds, help with anxiety and stress management, adjustment to college life and its demands, and advice on interpersonal and family issues.

Student Health Services

The Student Health Services office is staffed by a professional nurse Monday through Friday, 9 a.m. to 5 p.m. The medical suite, in the student lounge in room 2310, is equipped to provide emergency first-aid attention and contains cots and other short-term facilities. Appointments can be made with a local general practitioner when necessary. Several hospitals are in the immediate vicinity of the College. The nurse is available for general health and nutrition counseling on a walk-in basis and by appointment. This office also responds to the needs of students with disabilities and coordinates the appropriate accommodations for them. Guidelines for requesting these accommodations are described on the College's website at stfranciscollege.edu (currently under *Student Services/College Policies*). The office handles student accident insurance claims and sponsors the semi-annual blood drive.

Student Publications and Activities

Students are able and encouraged to participate in a wide variety of extracurricular activities at the College that accommodate many interests. Campus organizations give students the opportunity to grow socially and intellectually and offer ways for students to demonstrate and sharpen leadership skills.

Student Publications

The Cord is the student handbook, which contains the traditions, policies, procedures, and regulations of the College. Also included are descriptions of student services and activities. It is published annually to acquaint students with life at St. Francis College.

The Franciscan is the College's student yearbook. It is an annual summary of student life with an emphasis on the graduating seniors and their contributions to the life of the College.

The Montage is the College's student literary and art magazine. Edited by students, it is a forum for the creativity and imagination of the College community and a vehicle for free expression.

The Voice is the College's student newspaper. It contains feature articles, editorials, and College sports information.

Clubs and Organizations

Accounting Society
Arab American Society
Backstage Club
Botanical Society
Caribbean Student Association
Chemistry Club
Christian Club
College Chorus
College Republicans
Dance Club
Eastern European Club
Economics Society
Education Club
English Club
Finance Club
Fine Arts Society
French Club
Games Club
Haitian Alliance
History and Political Science Club
Honors Club
Information Technology Club
Italian Historical Society
Latin American Society
Martial Arts Club
Math Club
Model UN Club
Philosophy Club
Physical Education Club
Powerlifting Club
Pre-Medical and Health Professions Club
Psychology Club
St. Francis Flyers
St. Thomas More Pre-Law Society
Science Society
Society of Claudel
The Troupers

Social Fraternities and Sororities

- *Alpha Phi Delta* is a scholastic and social fraternity, whose Beta Sigma chapter was founded at St. Francis College in 1961. Alpha Phi Delta is a national fraternity.
- *Kappa Gamma Kappa*, whose local Beta chapter was founded in 1998, is a regional social sorority.
- *Pi Sigma Delta* is a social sorority, whose Delta chapter was founded at St. Francis College in 1970.

Duns Scotus Honor Society

The Duns Scotus Honor Society aims primarily to encourage among students a love of and desire for excellence in scholarship and service to College. Its secondary aim is to honor and recognize worthy students who, by outstanding attainment, have won the esteem of their fellow students, members of the administration, and faculty.

To be eligible for membership, a student must have completed 60 credits and two years of residence at the College. Applicants must have an index of 3.7 and show satisfactory evidence of distinguished participation in at least two extracurricular activities at the College. Upon requesting the membership application, prospective candidates will be given a detailed explanation of the requirements for membership. At Commencement, each member wears the red and blue tassel reserved for society members. Membership does not cease at graduation. Alumni and other distinguished persons who have rendered outstanding service at the College may be elected as honorary members.

National Honor Societies

- *Alpha Kappa Delta* is a national sociology honor society whose purpose is to encourage scholarship among sociology majors, stimulate interest in sociology and sponsor research into social problems. The Xi Chapter was founded at St. Francis College in 1973. Membership is open to juniors and seniors who have completed at least 10 credit hours in sociology and have attained 3.0 both as a cumulative index and index in sociology.
- *Alpha Kappa Psi* is a professional business fraternity whose Zeta Iota Chapter was established at St. Francis in 1964. The fraternity's aims are to further the welfare of its members, foster research in all facets of business, appreciate and demand higher ideals from the business world and promote and advance in college and university courses leading to degrees in business administration. In accordance with these goals, the fraternity annually conducts a professional program intended to educate and broaden the interests of its members.
- *Alpha Psi Omega*, Pi Zeta Chapter of the National Drama Society, was founded at St. Francis College in 1961. Membership is open to students who have participated in at least two College dramatic productions.
- *Chi Beta Phi*, Alpha Xi Chapter, is a natural science honor fraternity established in 1969. It is open to junior and senior biology, chemistry, and psychology majors who have a minimum cumulative index of 2.8 and a major or science index of 3.0.
- *Eta Sigma Gamma*, Alpha Chi Chapter, is a national professional honor society in health science (education) whose principal purpose is to elevate the standards, ideals, competence, and ethics of professionally trained men and women in the discipline of health science. The College chapter was founded in 1979. Membership is open to those with a cumulative index of 2.7 who have completed 12 credits in health science with an index of 3.2.
- *Kappa Delta Pi* is a national society dedicated to fostering scholarship among students in education. The St. Francis College Xi Rho Chapter was established in 1978. Membership is limited to juniors and seniors participating in teacher training programs at the College. They must have completed 12 credits in the professional study of education and must have a cumulative index of 3.2.
- *Kappa Mu Epsilon*, New York Theta Chapter of the National Mathematics Honor Society, is a vehicle for discussion and undergraduate research in mathematics. Membership is limited to sophomores, juniors, and seniors who have an index in mathematics of 3.0 and a cumulative index of 2.75 or higher. Members must be mathematics majors and have completed at least 12 credits in mathematics.
- *Omicron Delta Epsilon*, Eta Chapter, is an international economics honorary fraternity. The St. Francis Chapter is limited to juniors and seniors who have a cumulative index of 3.0 and have earned 12 credits in economics with a better than 3.0 average.
- *Phi Alpha Theta* is a national history honor fraternity whose Theta Nu Chapter was established at St. Francis College in 1961. Membership is limited to juniors and seniors who have an index in history of 3.0 and a cumulative index higher than 2.8. Members must have completed at least 12 semester hours of history.
- *Phi Gamma Nu* is a national professional honor society in business. Beta Psi Chapter was established at St. Francis College in 1976. A 3.0 index is required for membership.
- *Phi Sigma Tau* is the international honor society in philosophy established in 1930; the New York Phi chapter was installed in 2004 at St. Francis College. The society aims to promote and honor the work of students and faculty interested in philosophy, and to popularize interest in philosophy among the general collegiate public. Membership is open to all faculty and to students who have completed three college semesters with at least two Philosophy courses and an overall index of 3.0 or greater.
- *Pi Sigma Alpha* is the Political Science National Honor Society. The St. Francis Chapter was established in 2000. Pi Sigma Alpha membership is determined by the achievement of excellence in Political Science. All candidates must have completed 60 college credits and 12 credits in the field of political science while maintaining a minimum of 3.0 quality-point index both in political science overall. The St. Francis chapter was recently recognized as "Best Chapter" in colleges with fewer than 6,000 students.
- *Psi Chi*, the national honor society in psychology, serves to recognize psychology as a diverse science by encouraging students to develop research and clinical interests, attend regional and national conventions, and become familiar with academic and clinical settings in the metropolitan area.
- *Sigma Delta Pi* is the national Spanish honor society whose Zeta Theta Chapter was formed at St. Francis in 1967. Membership is limited to juniors and seniors who have an index in Spanish of 3.0 and rank in the top 35 percent of their class.
- *Sigma Tau Delta* is the national English honor society. Membership is open to students who have completed 12 credits in English and attained an index in English of 3.0.
- *Theta Alpha Kappa* is the national religious studies/theology honor society whose Tau Chapter was formed at St. Francis College in 1978. Membership is limited to students who have completed a minimum of 12 credits in religious studies with a 3.5 average and a cumulative index of 3.0. The purpose of this society is to encourage scholarship among its members; further the pursuit of religious studies on the undergraduate level; and bring students, teachers, and writers of religion together both intellectually and socially.

Alumni Association

The Alumni Association, founded in 1887, exists to advance the principles and purposes of St. Francis College and benefit pre-

sent and former students. All former students of St. Francis College become members upon graduation.

The Association fosters and promotes the growth, development, and welfare of the College and advances the social, professional, and economic interests of its members. The Association renders financial aid and sponsors a number of social and educational affairs that serve to stimulate and maintain interest among its members. Through the Association, alumni renew and make new acquaintances among graduates and former students.

Terrier, the College's alumni magazine, is published twice each year (fall and spring) by the Office of College Relations. It serves as a communication vehicle between the College and its alumni and friends.

The Office of Alumni Relations is located in room 4000, (718) 489-5362.



Academic Life

The life of an institution such as St. Francis College is, of course, based on scholarship and academic quality. A faculty that comprises scholars and teachers who bring to the campus years of experience as well as the perpetual desire to learn and grow, provides every student with educational opportunities. Special programs that prepare students for professional studies, graduate school, or for careers as teachers, health professionals, or accountants are among the best offered in the metropolitan area.

Undergraduate Admission

St. Francis College seeks to admit students who present evidence that they can successfully pursue courses leading to a degree. Students must submit evidence of successful high school completion, acceptable Scholastic Aptitude Test (SAT) scores, and an application for admission. Applications are available on the website, www.stfranciscollege.edu, or from the Office of Admissions.

While admission to St. Francis College is competitive, the admissions committee seeks a student body that is ethnically and socially diverse and applicants with potential to succeed in college over meeting any prescribed pattern of entrance units. Students are encouraged to visit the campus and meet with an admissions counselor before applying.

The College admits individuals of any race, religion, and national or ethnic origin to the rights, privileges, programs, and activities offered students at the school. It does not discriminate on the basis of sex, race, religion, national or ethnic origin, or disability in the administration of educational or admissions policies, scholarships, and loan programs or other College-based programs.

Students who desire admission can file an application online or may contact the Office of Admissions at (718) 489-5200 for a paper application. The completed paper application should be returned to the same office.

Admission Requirements

High School Graduates

Applicants seeking an associate's or bachelor's degree must present a transcript from an approved secondary school. All applicants who are currently enrolled in secondary school are required to take the Scholastic Aptitude Test and submit their scores to the College. All freshmen are required to take a placement test administered by St. Francis College.

High School Equivalency Applicants

Applicants seeking an associate's or bachelor's degree who have a recognized High School Equivalency Diploma should present a transcript of their New York State (or other) General Educational Development (GED) test scores. The total score must be at least 250, with a recommended minimum score of 45 on each individual part of the test. Students with a GED are required to take a placement test.

Foreign Language Students

Applicants seeking an associate's or bachelor's degree whose native language is not English must present the results of the Test of English as a Foreign Language (TOEFL) and must achieve a score of at least 500 on the test.

International Students

Students who are not United States citizens or U.S. permanent residents may apply to St. Francis College. St. Francis College is authorized by federal law to enroll non-immigrant aliens for the purpose of obtaining a degree. Persons who seek admission should file an application, transcript of high school record, and proof of high school graduation. In addition, students whose native language is not English must also follow the requirements for foreign language students listed above.

St. Francis College complies fully with the Student and Exchange Visitor Information System (SEVIS). Because of the time required to properly enter a student's information into SEVIS and because of the diversity of documentation, students must present documents well in advance of their anticipated entrance date. For further information, contact the International Student Advisor in the Office of Student Activities.

Other Applicants

Applicants seeking an associate's or bachelor's degree who do not meet the above-mentioned criteria may be admitted to St. Francis College after a review and assessment of their educational background. When the preparation differs from the stated requirements, the record will be reviewed by the Office of Admissions for evidence of unusual aptitude, especially in those studies that are prerequisite for the curriculum the applicant wishes to pursue. The number of such students admitted and the conditions for admission are strictly controlled.

Non-Matriculated Students

The College welcomes men and women who wish to take one or more courses but who do not seek an associate's or bachelor's degree. Such persons may be accepted as non-matriculated students as space permits. Application for admission to the College is required; acceptance is based on an assessment of the applicant's ability to do college-level work. Non-matriculated students are enrolled in courses, but have not fulfilled all the requirements for admission to a degree program; non-matriculants must be admitted to a degree-granting program before any degree can be awarded. Non-matriculants may earn a maximum of 45 credits in this status. To continue beyond 45 credits, students must be admitted to a degree-granting program.

Advanced Standing

Transfer Applicants

Transfer students are those who have withdrawn from another college or university and have been admitted to St. Francis College to complete their course of study. Holders of associate's degrees earned at accredited two-year colleges are also given transfer status. Transfer students must submit official transcripts

from the previously attended schools as well as a secondary school transcript or certificate of graduation. A catalogue from the colleges previously attended may be requested. Generally, credits will be allowed only for courses appropriate to the curriculum selected at St. Francis College and where records show course grades equivalent to or higher than the St. Francis grade of C. A maximum of 98 credits may be accepted toward a bachelor's degree; 32 towards an associate's degree. All students must complete a minimum of 30 credits in residence before any undergraduate degree is conferred.

Advanced Placement Program (AP)

Students who have completed a college-level course in high school may qualify for advanced placement by achieving a score of 3, 4, or 5 on the Advanced Placement (AP) Test of the College Entrance Examination Board. Questions regarding advanced placement should be addressed to the office of admissions. Information about Advanced Placement Tests may be obtained from the Educational Testing Service, P.O. Box 592, Princeton, N.J. 08540.

Credit through the College-Level Examination Program (CLEP)

Advanced standing with credit will be granted upon successful completion of the College Level Examination Program, General Examination, or Subject Examination of the College Entrance Examination Board, Princeton, N.J. Credit is also granted for satisfactory grades earned through the completion of the Regents Examinations conducted by the New York State Education Department. Information may be obtained by contacting the respective agencies. Test results should be forwarded to the Office of Admissions for evaluation.

Credit for Armed Forces Veterans

Honorably discharged veterans who have completed 6 to 18 months of active service in either the U.S. Armed Forces or those of another country may be granted five credits of the elective requirement toward a degree; those who have completed more than 18 months of service may be granted 10 credits of the elective requirement. Appropriate documentation must be submitted to the Office of the Academic Dean.

Experiential Learning

St. Francis College grants credit for learning acquired outside the classroom through its Experiential Learning Assessment Program. This program is available to all students pursuing a bachelor's degree. Students must submit a portfolio for their prior learning to be assessed. They must petition for a specific number of credits in academic areas in which they are presenting prior learning experience.

International Baccalaureate Program (IB)

Students who present an official transcript from an International Baccalaureate Organization (IBO) with the designation "Diploma Awarded" are eligible to transfer credit from the International Baccalaureate Program to St. Francis College. Only courses designated level "HL" (higher level) with a score of 4 or higher may be accepted for credit. Contact the Office of the Academic Dean for further information.

Instructional Support

Office of Freshman Studies

The Office of Freshman Studies coordinates the placement, advisement, and scheduling of all first-year students. Prior to registration, each freshman's academic profile (SAT scores and placement test scores) and their anticipated major field of study are reviewed to create an appropriate schedule of courses for each student. Students receive their schedule during the summer freshman orientation program, which also provides them with important information on the College. During their first semester students are enrolled in the Freshman Seminar course SFC 1001. The seminar is taught by the academic advisors in the Office of Freshman Studies.

The Academic Enhancement Center (AEC)

Staffed by professional and peer tutors, the AEC gives all students the opportunity to develop the skills necessary for academic success and independence at the college level. The Center provides tutoring for many content area classes and offers the following services and programs.

The Writing Center is designed to support student writing across the curriculum. Workshops on study skills, including note taking, test taking, time management, and research paper writing are offered each semester. The Center is equipped with the latest computer technology with full access to the Internet. Students may use the computers to conduct research and complete their assignments. In addition, the staff of AEC provides reading and writing tutorials for native and non-native speakers of English.

Mathematics and Science Lab offers individual and group tutoring for mathematics, math related, and science courses.

Placement Testing in reading, English, and mathematics is required for all first-time freshmen. Transfer students who have not received transfer credit for English and mathematics are also required to take these exams. Exam results are used to place students in appropriate English and math courses.

Summer Enrichment Program (New York: Bridge to a New World) is a unique opportunity for incoming freshmen to explore the art, poetry, and drama that has immortalized New York City as the mythological cornerstone of American culture.

Project Assist is a comprehensive program for students whose presenting academic credentials indicate a need for additional instruction in verbal and study skills. The goal of the program is to help students improve their basic skills and develop college-level competencies in English and study skills to succeed in college.

Academic Advisement

Advisement is an important aspect of each student's academic career. Advisement ensures an understanding of the registration process and course selection appropriate to a student's educational goals. It is, however, the responsibility of each student to know and meet graduation and other school requirements and to make every reasonable effort to obtain adequate academic advisement.

Each student with a declared major is advised by the chairperson or a faculty member of the student's major department. Freshman and undeclared majors are advised by the advisors in the Office of Freshman Studies. Advisors assist students with clarification of their educational and career goals, review of their academic progress, and selection of an appropriate major.

Faculty Center for Technology and Curriculum Development

The Center's mission is to assist faculty in planning and implementing the use of technology for curriculum development and instructional purposes. Under the leadership of its director, the Center confers with faculty and administrators to determine faculty development needs; formulates a training program based on faculty development needs; plans, coordinates, and schedules faculty workshops; conducts training sessions and offers individual consultation for faculty about classroom teaching and professional development; and works closely with the ad hoc Committee for Technology and Curriculum Development.

Instructional Computing

Technology plays an important role in the academic lives of students at St. Francis College. More than 100 computers are continually upgraded to ensure that state-of-the-art computer hardware, scanners, laser printers, network facilities, and software are available to students and faculty in a variety of classrooms and computer laboratories and in the library's computer/research center. Each of the College's personal computers can access file directories and software on local-area-network-based file servers and through the College's Internet and Internet facilities. High-speed Internet access opens the campus to the World Wide Web for e-mail and research. The McArdle Student Center is equipped with wireless Internet access and flat screen kiosks for web surfing. Academic departments utilize specialized hardware and software, leveraging technology in the classroom for instructional presentations, and introducing technologies related to students' fields of study. Students have the opportunity to work hands-on with the technology they will encounter in the workplace when they begin their professional careers. The College currently provides the following student-centered technology services.

Blackboard provides access to SFC courses through online syllabi, notes, links to sites, and online discussions/chat sessions. Students and faculty are able to send e-mail to an entire class or a selected group as well as create announcements throughout the semester. Students also have access to "digital dropboxes" for assignments.

TerrierMail provides students access to student e-mail from any browser. Features include e-mail, spam filtering, student e-mail directory and address book, and the ability for SFC administrators to send important messages to students.

The *library* provides an online portal that allows students to use the library's circulation system to access its catalog and select websites from a single, easy-to-use home page. Students can check their records by entering the appropriate Terrier login.

Terrier Store provides students access to their files, on campus or remotely, from any web browser. Features include 50 MB of storage per student, a direct link to the library homepage, nightly data back ups and a single login with TerrierMail.

Student Technology Services provide students with support for Blackboard, TerrierMail, Terrier Store, printing, and other technology resources. Students may contact STS in room 420 or by calling (718) 489-5454 for answers to questions or help with technology needs.

Library

The St. Francis College library is the center of academic pursuit at the College. The library's collection consists of more than 170,000 books, 1,500 audio visual items, and 500 journal and newspaper subscriptions on paper and microfilm. These are searchable through an electronic catalog, which serves also as a portal to number of additional resources, including a core set of full-text and abstract databases that lead to hundreds of electronic journals and newspapers. Off-site access to the electronic subscription collection is also available.

The library is a member of several cooperative borrowing consortia that provide St. Francis College students, free of charge, with access to materials not included in the College's library through interlibrary loan and on-site use of materials at other member libraries. The library also provides open access to its paper and microfilm journal collection.

The library offers one-on-one and group instruction on the use of library resources as well as reference assistance to students for research projects. Five reference area computer terminals are reserved for students to receive research assistance from a reference librarian. Library instruction classes are held in a state-of-the-art instructional technology classroom. In total, 35 computer terminals are available in the library for student use.

Hours of operation vary. During times when classes are in session, the library is open 70 hours per week. During the week of finals and the week prior to finals, the library is open until midnight to meet students' needs.

Academic Policies

Undergraduate Courses and Registration

Twice each year, the Registrar's Office sets registration appointments. In spring, students register for summer and fall courses; in fall, for intersession and spring courses. Students are encouraged to register early when most sections are available. Consult the academic calendar for specific dates. Students who register late may be assessed a late fee; contact Student Financial Services for payment and fee information.

Students must meet with an academic advisor to have their course selections approved before they are allowed to register.

Registration is contingent upon a record of satisfactory grades for the previous semester and completion of all prerequisites. Registration is not complete until the student satisfies the payment arrangements as required by the Student Accounts Office. *Students may not attend any course for which they have not registered.* They must attend the section selected unless permission has been obtained from the Registrar to change from one section to another.

Dropping Courses

Students are permitted to drop courses during the first week of the fall and spring semesters and during the first two days of the summer semester. This right in no way relieves the student of the responsibility to complete core or departmental requirements in the appropriate sequence, nor does it relieve the student of tuition obligations.

Withdrawal from Courses or from the College

Students who wish to withdraw from a course after the first week of the fall and spring semesters or after the first two days of the summer semester may do so as follows:

- Report to the Registrar's Office to complete the proper forms.
- The mark of *W* (withdrawal) will appear on the transcript for the course but will not be computed in the student's quality-point index.
- The last day for withdrawal from courses with a mark of *W* will be exactly nine weeks after the start of the semester. Only under very unusual circumstances, and with the permission of the Academic Dean, will students be permitted to withdraw after the deadline. The date of withdrawal is the day the student informs the Registrar's Office.

Note: The failure to attend a class does not constitute an official withdrawal from a course. Students who drop or withdraw from a course are advised to see a financial aid counselor regarding the effect this action may have upon their receiving financial aid. Students obliged to withdraw from the College should contact the Registrar's Office for further instructions.

Retroactive Withdrawals

From time to time, students face unforeseen circumstances that require them to leave the College temporarily or permanently. The College will attempt to minimize the burden as much as possible. Students should make every effort to present their situation in a timely fashion. Students requesting to withdraw in the current semester should contact the Dean for Students who may authorize a withdrawal or, if the circumstances warrant, may authorize that the semester be deleted from the student's academic and financial record.

If the semester has already ended and grades have been recorded, students may request that the grades be converted to withdrawals (mark of *W*). In this case, the Dean for Students will consult with the faculty who taught the student and make a recommendation to the Academic Dean's office. If the Academic Dean (or designee) approves, all grades will be converted to withdrawals.

Following one full fall or spring semester, the student's record will become permanent, and changes of grades to withdrawals will no longer be allowed.

Credit Hours and Credit-Hour Loads

Full-time students are those enrolled for at least 12 credits or the equivalent. Part-time students are those enrolled for fewer than 12 credits or the equivalent. One credit hour represents one hour of regular class participation in a lecture or two or more hours in a laboratory session each week. Full-time students may not carry fewer than 12 a semester. Permission to take more than 18 hours may be granted by the Academic Dean. Under no circumstances may a student register for more than 21 credit hours for a single semester. No student may register for more than 6 credit hours during a summer session or during the Intersession. A student registered only for ED 404 or PE 404 (Supervised Student Teaching) is considered a full-time student.

Pass-Fail Courses

Any student studying a foreign language at the 100 level (101 to 104) may elect to take that course on a pass-fail basis. Any student taking FIT courses or HS 100A may elect them on a pass-fail basis. Juniors and seniors who are not on probation may take no more than one elective course each term on a pass-fail basis. This privilege may be used for a maximum of four terms; only one elective course may be selected each term. Courses required in the core curriculum, Honors program, or major department may not be selected for pass-fail status. The student must designate the course that he or she wishes to take pass-fail on a special form provided by the Registrar's Office no later than the end of the fourth week of the school term (second week of summer session). This privilege does not excuse students from the required work of the particular course. Once the request is submitted, it may not be revoked.

Independent Study

Independent study refers to the investigation of a topic selected by a student in consultation with a faculty member who advises and directs the progress of the student's research. It is open to qualified juniors and seniors (both majors and non-majors) who have completed at least three courses (nine credit hours) in the particular discipline or students who are otherwise qualified in the judgment of the faculty mentor and department chairperson.

No student is permitted to register for more than one three-credit independent study course in a given semester. Written approval of the Academic Dean is required for any course beyond the three-credit limit. In addition, no student may complete more than six credits in total (normally two courses) through independent study. The pass-fail option is not available for independent study courses.

Field Placements and Internships

Excellent opportunities exist for paid and volunteer work experiences in a number of fields through various field placement and internship programs. Academic credit is often awarded by permission of department chairpersons and the Academic Dean. Some examples of intern programs are the New York City Summer Management Intern Program, Public Interest Research Group Internships, Urban Fellows Program, New York City Transit Authority Intern Program, and New York State Assembly Session Internships.

Field placements and internships refer to observation and supervised experience within selected settings in an area of a student's professional interests for which credit is granted. The purpose of a field placement or internship is to provide practical experience in a work setting chosen by the student in consultation with the faculty coordinator. Application of course work and theory as well as problems and progress are discussed. The course allows the student an opportunity to grow and refine skills in preparation for employment after graduation.

Students must obtain the written permission of the departmental chairperson in which the field placement or internship is being conducted and the cooperation of a faculty coordinator willing to supervise the academic aspects of the project. Students meet with their faculty coordinators to arrange for site placement and a supervising officer in the field placement or internship who is

responsible for completing an evaluation at the conclusion of the semester.

Field placements and internships must amount to a minimum of 135 hours per semester for a three-credit field placement or internship. In addition to site placement hours, papers, and conferences on campus, students are required to maintain a log detailing their activities and experiences in the course and submit it to the faculty coordinator in time for a grade to be assigned in accordance with the academic calendar.

Students are required to check with the respective department to determine the specific requirements of each field placement or internship course. However, with the exception of PSC 4990, no student is permitted to register for more than one three-credit field placement or internship in a given semester. Written approval of the Academic Dean is required for any course beyond the three-credit limit. In addition, no student may complete more than six credits in total (normally two courses) through field placement or internship. The pass-fail option is not available for field placement or internship courses.

Courses at Other Institutions

Except for approved cross-registrations, the College does not grant permission to pursue courses at other institutions, unless a required course is not being offered during the semester at St. Francis College. When such permission is granted, the combined programs may not exceed 18 credit hours per semester. Permission may be granted to attend the summer session at another institution, provided that the courses sought are required and are not being offered at St. Francis College. In no case may a student take a total of more than six credits during a five-week summer session.

Permission may be granted to take courses at another institution under the following conditions only:

- The student has a cumulative quality-point index of at least 2.0.
- Written approval has been granted by the Academic Dean in accordance with the policies of the departments concerned (such approval will normally not be given for students who have entered the senior year). Credits will be transferred only for courses for which students received a grade of *C* or better.

Note: Transcripts to be evaluated for credit from any off-campus source (including courses at other institutions, CLEP scores, NYU Language Proficiency Exams, and military transcripts) must be received by the Registrar's Office at least three months prior to the student's anticipated commencement date.

Study Abroad

Students may elect to study abroad for one or two semesters and apply this work toward the St. Francis degree. Students may select a course and place of study from among many programs sponsored by international education agencies such as the Institute of European Studies or the International Education Exchange Service. They may also participate in the Inter-American Studies Program sponsored by the United States Government or other recognized educational institutions. Interested students should consult their department chairperson and obtain program approval from the Office of the Academic Dean. Grades earned while studying abroad are included on the student's transcript, and are calculated into the quality-point index.

Preparation for Law School

Law schools do not prescribe a definite pre-law curriculum for prospective students. Therefore, students interested in attending law school have to make their own selection of undergraduate courses to assist them in achieving their goals. In choosing both courses and a major field of study, students should remember that law schools consistently indicate that they want applications from students who can think logically and express themselves clearly and cogently both orally and in writing. The Law School Admissions Test (LSAT) is required of all applicants by most law schools. This examination is administered by the Educational Testing Service of Princeton, N.J. Students interested in studying law should seek an interview with the pre-law advisor, Dr. Frank J. Macchiarola.

U.S. Reserve Officers' Training Corps (ROTC)

Qualified full-time students may participate in either the Army ROTC Program at Polytechnic University or the Air Force ROTC Program at Manhattan College on a cross-enrollment basis. The two- or four-year program leads to a commission as a Second Lieutenant in the United States Army or the United States Air Force. Academic credit will be awarded at Polytechnic or Manhattan; St. Francis College students must then arrange with Polytechnic or Manhattan to have a transcript forwarded to SFC in order for the credit to apply to an SFC program. Students should contact the Office of the Academic Dean of St. Francis College for further information.

Attendance

Students are expected to attend every class session. Students absent more than 10 percent of the total meetings of a course are subject to a grade of *F* in that course. Students who do not attend *any* portion of a course or whose last date of attendance is before the withdrawal date may receive an *X* instead; however, the *X* will have the same computational effect as an *F*. (See the section on grading policies.) Additionally, students who have accrued five hours of consecutive absences are reported to the Office of the Vice President of Student Affairs/Dean of Students.

Seniors with a 2.0 cumulative index or better may be entitled to privileged attendance. This will be granted at the discretion of the individual instructor and such policy will be announced at the first class meeting.

Religious Holidays

All colleges and universities in New York State must not in any way penalize a student who, because of his or her religious beliefs, is unable to register, attend class, take an examination, or participate in any required academic work on a particular day or days. Any absence(s) accrued under these circumstances will be excused, and alternatives will be provided for the student to register or make up any required work. No additional fees, requirements, or penalties will be assessed. All members of the College community are expected to exercise good faith with respect to the implementation of these provisions.

Undergraduate Grading Policies

Final grades reflect the combined results of examinations and class work. They are computed according to the following scale:

Grade	Description	Quality Points
A	Excellent	4.0
B+	Very Good	3.5
B	Good	3.0
C+	Above Average	2.5
C	Average	2.0
D	Poor	1.0
F	Failing	0.0
H	Honors	*(not computed)*
P	Passing	*(not computed)*
W	Withdrawal	*(not computed)*
X	Non-Attendance	0.0

Scholastic achievement is recorded by means of quality points. Points are assigned as indicated in the preceding table for each credit hour completed. The quality-point index (QPI) is obtained by multiplying the credit value of each course (whether passed or failed) by the number of points that correspond to the grade earned, adding all of the resulting quality points together and dividing the total number of quality points by the total number of credit hours. When a course is repeated, the academic record is recomputed. See the section on *Course Repetition*, below.

Only courses completed at St. Francis College are evaluated for purposes of the quality-point index and honors. Courses taken under the Study Abroad Program, those taken at St. Vincent's Catholic Medical Centers of New York, and those taken in the Medical Technology Program at Methodist Hospital are included in the total index.

Effective fall 2005, students who do not attend a course—or who cease attending before the published last date of withdrawal—are subject to a final mark of *X* which will denote their non-attendance. This mark will compute as a failure.

A cumulative QPI of 2.0 is required for graduation. A QPI of 2.0 in the major field is also required for graduation.

Under a special faculty ruling, students may not expect to receive a passing grade in any course in which they fail to maintain standards of good English in essays, examinations, and other written requirements.

Class Standing

Regular or matriculated students are those who have fulfilled enrollment requirements and are pursuing a degree program. Regular students are classified as follows:

Division	Class	Credit Range
Lower Division	01—Lower Freshman	0 – 13.9
	02—Upper Freshman	14 – 27.9
	03—Lower Sophomore	28 – 43.9
	04—Upper Sophomore	44 – 59.9
Upper Division	05—Lower Junior	60 – 74.9
	06—Upper Junior	75 – 89.9
	07—Lower Senior	90 – 106.9
	08—Upper Senior	107 +

Dean's List

Each semester a list of honor students is published by the Academic Dean. This list recognizes students' academic achievements and includes those students who have achieved a quality-point index of 3.5 or better. In order to be eligible for this award, full-time students must attempt and complete 12 or more credit hours and part-time students must attempt and complete 9 or more credit hours, exclusive of remedial courses, dropped courses, and courses taken as pass-fail. This award is open to matriculated students only.

Course Repetition

Students are allowed to repeat courses and attempt to earn a higher grade for classes taken at the College; students are encouraged to repeat any course(s) they have failed as soon as the course is again offered. The policy for the computation of the quality-point index changes for courses repeated in the fall 2004 semester or later. Effective fall 2004, when a course has been attempted more than once, only the last grade received for that course will be used to compute the cumulative quality-point index. The previous grade(s) will remain on the transcript, but will not be calculated as part of the cumulative index.

Courses repeated before fall 2004 follow the previous policy, *viz.*, when the succeeding grade is higher than the previous grade(s), only the higher grade is calculated in the cumulative quality-point index. When the succeeding grade is the same or lower than the previous grade(s), all grades are calculated in the index, but credit is granted only once.

Report of Grades

Report of grades by the Registrar is sent to the student twice each semester. Mid-semester grades are advisory in nature. Grades awarded at the end of the semester become part of the student's official academic record.

Written permission of the student is required for the release of academic information to anyone other than the appropriate academic officials of the College.

Appeal of Grades

A request for a change of grade must conform with the procedures established by the Faculty Academic Standards Committee and ratified by the faculty. Students are referred to the appeal procedures outlined in the current edition of *The Cord*, the student handbook.

Probation and Academic Dismissal

Probation indicates that a student's academic work is below the expected standard. It is determined as follows:

Class Standing	Credits Completed	Probation for Index Below
Freshman	0 – 27	1.50
Sophomore	28 – 59	1.75
Junior and Senior	60 +	2.00

Day students on probation may not register for more than 12 credits per semester; evening students on probation may not register for more than 6 credits per semester. Permission to register for additional credits must be obtained from the Office of the Academic Dean. No student may remain on probation for more than two consecutive terms.

Students are subject to academic dismissal at any time for poor academic standing or for failure to demonstrate academic progress. Excessive course withdrawals, regardless of the student's quality-point index, are an example of failure to demonstrate academic progress.

Degree Requirements, Graduation, and Commencement

Core Curriculum

The core curriculum is the cornerstone of St. Francis College and supports its goal to graduate educated, well-rounded students prepared to enter a changing world. The cultivation of critical awareness is one of the primary objectives of the Core, enabling students to use intellectual skills and fundamental knowledge. It helps students develop reading, writing, verbal, and computing skills necessary to analyze and synthesize information, construct arguments, and identify and solve problems. At the same time, the Core provides groundwork for the student's successful in-depth study of one or more disciplines.

Core Courses	Associate's Degrees	Bachelor of Science in Special Studies	All Other Baccalaureate Degrees
COM 203 Fundamentals of Speech	3	3	3
WRI 1100 Writing in the Public Sphere [1]	3	3	3
Any AML, BRL, or LIT course 2100–2199	3	—	3
Fine Arts, select ONE of the following courses	3	3	—
FA 401 Music of the Western World			
FA 402 Orientation in Art			
FA 403 Music of Many Cultures			
Music, select ONE of the following courses	—	—	3
FA 401 Music of the Western World			
FA 403 Music of Many Cultures			
FA 402 Orientation in Art	—	—	3
HIS 1201 History of the United States: 1896 to Present	3	3	3
Liberal Arts elective [2]	—	—	3
Natural Science or Mathematics [3]	6	3	6
Philosophy Group A, select ONE of the following courses	3	3	3
PHI 1101 Basic Problems in Philosophy			
PHI 1114 Reasoning and Argumentation			
Philosophy Group B, select ONE of the following courses	3	—	3
PHI 2201 Theories of Human Nature			
PHI 2203 Theories of Knowledge			
Philosophy elective 3000 or higher	—	—	3
REL elective (any 100- or 200-level)	—	—	3
SOC 1000 Principles of Sociology	3	3	3
Total	**30**	**21**	**42**

[1] Students who achieve a superior score on the placement test or who meet other criteria established by the English department may be exempt from the WRI 1100 requirement and substitute another English course.

[2] Liberal arts must be selected from AML, BIO, BRL, CHE, COM, DRA, ECO, ENG, FA, FRE, HIS, HS, ICS, ITA, LAT, LIT, MAT, PHI, PHY, PS, PSY, REL, SCI, SOC, SPA, SS, or WRI listings.

[3] Natural Science courses must be selected from BIO, CHE, PHY, or SCI listings.

Health and Fitness Requirement

All baccalaureate students must satisfy a two-credit health and fitness requirement. This may be accomplished by taking any FIT course or HS 100A. Students who participate in intercollegiate athletics (as well as Physical Education majors) must take either FIT 102 or HS 100A to satisfy this requirement.

Comprehensive Examination or Project

During senior year, the College tests students' overall understanding of their major fields of study. The test may take such forms as a senior seminar requiring the application of knowledge and skills acquired through the major, a senior thesis indicating mastery of the skills taught in the major and that demonstrates independent study, or a comprehensive written and/or oral examination. The specifics of this requirement are determined by the major department chairperson with the approval of the Vice President for Academic Affairs.

Students who earn 90 percent or better receive an *H* (honors). Students earning 70–89 percent receive a *P* (pass). Students who merit a mark of *H* in the comprehensive examination may be exempt from final examinations in all courses of their major field at the end of the senior year at the discretion of the department chairperson.

Senior Residency Requirement

The final 30 credits for an undergraduate degree must be earned at St. Francis College.

Graduation Honors

Graduation honors are inscribed on baccalaureate diplomas and, when feasible, recorded in the published list of graduates. Students must complete 60 credits in residence for these honors.

Graduation Honor	Minimum Index
Summa Cum Laude	3.8
Magna Cum Laude	3.6
Cum Laude	3.4

Participation in Commencement

Only students who have completed all degree requirements by the end of the spring semester will be eligible to participate in the May commencement exercises.

Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act of 1974 (also called FERPA or the Buckley Amendment), as amended, grants students certain rights, privileges, and protections relative to individually identifiable student education records maintained by St. Francis College.

Students have the right to inspect and review their education records within 45 days of the day the College receives a request for access.

Students wishing to review their record should submit to the Registrar, Dean, head of the academic department, or other appropriate official a written request that identifies the record(s) they wish to inspect. The College official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the College official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

Students have the right to request the amendment of such records to ensure that they are not inaccurate, misleading, or otherwise in violation of the student's privacy or other rights.

Students who believe their record is inaccurate or misleading may request that the College amend the record by writing to the College official responsible for the record. The request should clearly identify the part of the record to be changed, and specify why it is inaccurate or misleading. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

Students have the right to consent to disclosure of personally identifiable information contained in their education records, except that information which FERPA authorizes disclosure without consent (a representative list of exceptions appears below).

Students have the right to file with the U.S. Department of Education a complaint concerning alleged failure by the College to comply with FERPA to:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, SW
Washington, DC 20202-5920

The College may deny access to the following classes of records:

- Financial information submitted by parents.
- Confidential letters or recommendations placed in the file prior to January 1, 1975.
- Confidential letters or recommendations to which the student has waived rights of inspection.
- Private records of instructors, counselors, or administrators kept for their own use.
- Medical, psychiatric, psychological, or similar records.

The College may disclose educational records without written consent of students:

- To personnel within the College who maintain educational records and those with a legitimate educational interest, including faculty or staff who deal with the student and carry out education duties, and employees designated by them to assist in these tasks. St. Francis College defines "legitimate educational interest" as "needs the record(s) to carry out employment responsibilities." Therefore, any College employee (or person acting on behalf of the College) may have access to student records without the student's written consent if that person needs the access to carry out his or her employment responsibilities.
- To officials at schools, colleges, or universities participating in cross-enrollment programs for the purposes stated in the bullet above. St. Francis College currently exchanges academic information with students cross-enrolled at Long Island College Hospital, St. Vincent's Medical Centers of New York, and New York Methodist Hospital; if other institutions are added, this arrangement will be automatically extended to include them.
- To officials of other colleges or universities in which the student seeks to enroll.
- To accrediting organizations approved by the College carrying out their accrediting functions.
- To certain officials of the U.S. Department of Education, the Comptroller General, and state and local educational authorities in connection with certain state or federally supported education programs.
- In connection with a student's request for or receipt of financial aid, as necessary to determine eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid as well as to organizations conducting studies approved by the College having educational value or concerning financial aid.
- If required by a state law requiring disclosure that was adopted before November 19, 1974.
- To parents of an eligible student who claim the student as a dependent for income tax purposes. College officials whose employment duties permit them access to information from parents' federal income tax returns may use those returns to determine whether students are dependent on a parent as defined by the Internal Revenue Service. In such cases, FERPA and College policy permit those officials to disclose information from those student's education records to their parents without written student consent. The College is not required to notify students or maintain a record of these disclosures.
- To persons in compliance with a judicial order or a lawfully issued subpoena, with a notice of the disclosure being sent to the last known address of the student.
- To persons in an emergency if, in the judgment of an official in charge of the records, knowledge of the information is necessary to protect the health of safety of the student or another person.

Students' names and SFC e-mail address(es) will be available to faculty, staff, and other students on the College's computer network, including the e-mail server and the Blackboard course management system.

Certain state and federal laws modify some or all rights granted by FERPA. Such laws include SEVIS and INS compliance (Department of Homeland Security), Megan's Law, the Solomon Amendment, and NCES/IPEDS/Student Right-to-Know compliance. St. Francis College releases education records as these laws require.

Student Directory information may be released without the student's prior consent. St. Francis College defines the following as Directory information:



- student's name.
- College-assigned ID number.
- address, telephone number(s), and e-mail address(es).
- age (or date of birth) and place of birth.
- photographs.
- major and minor fields of study.
- level (undergraduate/graduate) and class year.
- schedule(s) of classes, enrollment load(s) (full-time/part-time), and dates of attendance.
- matriculation status and date.
- honors and awards.
- degrees received (including date of award).
- previous institutions attended.
- participation in clubs, sports, or student activities.
- height and weight of members of athletic teams.

To withhold information, students must make a formal request by submitting a signed, dated letter to the Office of the Registrar. The letter should clearly state which information may or may not be released, to whom, and any other pertinent conditions the student wishes to enact. Students are advised that withholding information may carry certain consequences. For example, as long as a non-disclosure order is in effect, the student may not participate in intercollegiate athletics where team rosters are published or in commencement ceremonies. St. Francis College assumes no liability for honoring the student's instructions to withhold information.

For additional information, contact the Office of the Registrar.

Graduate Division

Admission to graduate programs is a privilege granted to students who demonstrate the ability to excel in an academic area. In most cases, College policy is the same for graduate and undergraduate students. Where policies differ, it is because graduate students are expected to possess superior academic skills and thus may be held to a higher standard. The differences are noted below.

Graduate Admission

Departments set admission requirements specific to their own academic programs. In the case of combined degree programs where students begin their graduate studies concurrently with their final undergraduate courses, the admission requirements are based on the student's undergraduate performance immediately prior to his or her initial semester of graduate work. Standardized test scores may be required. Refer to the appropriate academic section of this catalogue or the department chairperson for additional information.

Graduate transfer credit is awarded only after approval from the department chairperson. Only graduate courses with a *B* or higher earned at accredited institutions are eligible for transfer. A maximum of two courses or eight credits—whichever is greater—may be transferred. Graduate transfer credit will appear on the student's graduate academic record and will include the credits and grades earned at the awarding institution. Graduate transfer credit is *not* included in the graduate grade-point index.

Graduate Courses and Registration

Credit Hours and Credit-Hour Loads

Students in combined undergraduate and graduate degree programs carry the same load as undergraduate students, *viz.*, students are full time when enrolled for 12 or more credits per semester. Once admitted to the graduate division, students in combined degree programs may not take more than 18 credits per semester. Students pursuing stand-alone graduate degrees are considered full time when enrolled for eight or more credits per semester.

Pass-Fail Courses

Graduate students may not elect courses on a pass-fail basis. However, the College may offer graduate courses (such as a graduate comprehensive) that are exclusively pass-fail.

Independent Study

In rare circumstances, students may be allowed to conduct a graduate independent study. Students are eligible for graduate independent studies after completing nine graduate credits. No more than three credits of graduate independent study may be used toward a graduate degree.

Field Placements and Internships

Graduate field placements and internships may be available in some programs. Consult with the appropriate academic chairperson for details.

Courses at Other Institutions

Except for graduate transfer credit (described in the section on *Graduate Admission*), all graduate degree requirements must be completed in residence.

Study Abroad

Students in combined undergraduate/graduate degree programs may include courses from abroad in their undergraduate degree. Graduate courses may not be taken abroad.

U.S. Reserve Officers' Training Corps (ROTC)

Graduate credit will not be awarded from any ROTC program.

Graduate Grading Policies

Final grades reflect the combined results of class work and examinations. Graduate grades are computed according to the following scale:

Grade	Description	Quality Points
A	Excellent	4.0
B+	Very Good	3.5
B	Good	3.0
C+	Above Average	2.5
C	Average	2.0
F	Failing	0.0
H	Honors	*(not computed)*
P	Passing	*(not computed)*
W	Withdrawal	*(not computed)*
X	Non-Attendance	0.0

Like undergraduate studies, graduate scholastic achievement is recorded by means of quality points. Points are assigned as indicated in the preceding table for each credit hour completed. The quality-point index (QPI) is obtained by multiplying the credit value of each course (whether passed or failed) by the number of points that correspond to the grade earned, adding all of the resulting quality points together and dividing the total number of quality points by the total number of credit hours.

The graduate record is kept separate from the undergraduate record, and each will have its own respective indices. Students must maintain appropriate indices at each level to remain in good standing. Undergraduate and graduate course repetition policies are different. Students should refer to the sections on *Probation and Academic Dismissal* and *Course Repetition* elsewhere in this catalogue.

Although undergraduate and graduate course work is recorded separately, the official academic record includes the student's entire academic experience at the College. When transcripts are issued, both undergraduate and graduate records will be sent; students may not choose to send one portion without the other.

A cumulative graduate index of 3.0 is required for graduation.

Class Standing

Graduate students have only one class standing—*graduate.*

Dean's List

Graduate students are expected to maintain high levels of achievement, thus no additional distinction is made. There is no Dean's List of graduate students.

Course Repetition

Students who wish to repeat a graduate course must obtain approval from their department chairperson before reenrolling in the course. Department chairpersons may approve up to two graduate repetitions. When pre-approval has been granted, the graduate index will compute only the last grade earned. If departmental approval is not granted, or a student repeats more than two graduate courses, then all grades for the repeated course will be averaged into the index. In all cases, both grades will show on the graduate transcript. Students are never given degree credit more than once for any course.

Report of Grades

Graduate students receive notice of their final grades. Students enrolling in undergraduate and graduate courses concurrently may receive separate report cards each with its own indices. No mid-semester grades are issued for graduate courses.

Probation and Academic Dismissal

Students are in good academic standing when they make satisfactory progress toward their degree and maintain a graduate index of 3.0 or better. Students who fall below 3.0 are placed on probation. If the subsequent graduate index is below 3.0, the student is dismissed.

Graduate Degree Requirements, Graduation, and Commencement

Core Curriculum

Graduate programs do not have a core component.

Health and Fitness Requirement

Students in stand-alone graduate programs do not need to satisfy any health or fitness requirement. However, this requirement *does* apply to the undergraduate degree when students are pursuing a combined undergraduate/graduate program.

Comprehensive Examination or Project

During the student's final semester, the College tests the student's overall understanding of graduate work. The method or test will vary by department and curriculum, but students may not earn a graduate degree until this requirement is met.

Residency Requirement

Except for two courses or eight credits which may be transferred, all graduate courses must be taken in residence. Students completing a combined undergraduate and graduate degree program must earn at least 30 undergraduate credits in residence for the bachelor's degree.

Progress toward Degree/Leaves of Absence

After completing at least one graduate semester, students who do not register for any graduate courses during the next two consecutive years must reapply for admission to the graduate division. No reapplication fee is required, however students may be required to renew their studies by taking additional coursework that is deemed more current. Students also may be required to follow new requirements or a new catalogue. All graduate courses must be completed within eight years of the first graduate semester.

Graduation Honors

Graduate students do not receive any distinction or academic honor (such as *cum laude*) on their graduate record.

Academic Programs

The graduation requirements of the College, as published in the catalogue in effect at the time of the student's initial enrollment, are those that must be met for the completion of a degree program. Students who withdraw and then reenter are responsible for graduation requirements as published in the catalogue at the time of reentrance. Undergraduate students in professional programs and all graduate students may be required to take additional courses if the prior courses are deemed out of date at the time the student readmits.

The College reserves the right to change the requirements of any or all academic programs when such modifications are deemed necessary. All students must comply with the new requirements insofar as they pertain to courses and/or credit hours yet to be completed. Such changes, however, will be made only for the purpose of more fully achieving the objectives of the curriculum. Department chairpersons have authority to waive or provide substitute course work for departmental requirements. Only the

Office of the Academic Dean has the authority to waive or provide substitute course work for core curriculum requirements.

Degree candidates must complete the required courses as outlined in the respective curriculum and have a cumulative undergraduate index and a major index of at least 2.0. Graduate students must maintain a cumulative index of 3.0.

Baccalaureate degree candidates must complete a major field of study, complete a two-credit health or fitness requirement, and demonstrate an appropriate level of mathematics competency. Baccalaureate and graduate students must obtain a passing grade on a comprehensive examination or project in the major field.

Major Fields of Study

Students may choose majors from the following table, provided they meet all entrance requirements. Minors and specializations (concentrations) may also be available depending on the major. See the appropriate academic section of this catalogue for details. All students must designate a major field from among those offered by the College by the end of the sophomore year or they may jeopardize the student's financial aid. Students who pursue programs that are not registered and approved also jeopardize their eligibility for financial aid.

Students are responsible for consulting their major department for advice on planning their registration programs. Students who wish to change their major field of study must obtain permission from the chairperson of the department in which they wish to enroll. Declaration/Change of Major forms may be obtained in the Registrar's Office.

Current Offerings

The following programs are currently offered at St. Francis College:

Program	Associate's Degree	Bachelor's Degree	Master's Degree	Certificate	Teaching Certification	HEGIS Code	NYS Inventory	CIP Code
Accounting (130-Hour Programs)		B.S.				0502.00	09508	52.0301
Accounting/C.P.A. (151-Hour Program)		B.S.				0502.00	27203	52.0301
Accounting/C.P.A. Dual Award		B.S.	M.S.			0502.00	29444	52.0301
Adolescence Education—Biology		B.S.			7-12	0401.01	26287	13.1322
Adolescence Education—Chemistry		B.S.			7-12	1905.01	26288	13.1323
Adolescence Education—English		B.A.			7-12	1501.01	26289	13.1305
Adolescence Education—Mathematics		B.S.			7-12	1701.01	26290	13.1311
Adolescence Education—Social Studies		B.A.			7-12	2201.01	26291	13.1318
Biology		B.S.				0401.00	09506	26.0101
Biomedical Science [1]		B.S.				1299.00	81111	26.0102
Business Administration	A.A.S.					5004.00	77401	52.0101
Chemistry		B.S.				1905.00	09527	40.0501
Childhood Education—Biology		B.S.			1-6	0802.00	28188	13.1202
Childhood Education—English		B.A.			1-6	0802.00	26286	13.1202
Childhood Education—Mathematics		B.S.			1-6	0802.00	26293	13.1202
Childhood Education—Social Studies		B.A.			1-6	0802.00	28187	13.1202
Communication Arts		B.A.				0601.00	81051	09.0101
Criminal Justice	A.A.S.					5505.00	09536	43.0104
Criminal Justice		B.S.				2105.00	22416	43.0104
Economics		B.A.				2204.00	09531	45.0601
English		B.A.				1501.00	09520	23.0101
Health Promotion and Science		B.S.				1201.00	09504	51.9999
History		B.A.				2205.00	09532	54.0101
Information Technology		B.S.				0702.00	24315	11.0103
International Cultural Studies		B.A.				4903.00	90084	05.0299
Liberal Arts	A.A.					5649.00	77402	24.0101
Management		B.S.				0506.00	09509	52.0201
Mathematics		B.S.				1701.00	09523	27.0101
Medical Technology		B.S.				1223.00	77009	51.1005
Nursing—Lower Division [2]	A.A.S.					5208.20	76031	51.1601
Nursing—Lower Division [3]	A.S.					5208.00	21644	51.1601
Nursing—Upper Division [4]		B.S.				1203.10	23242	51.1699
Philosophy		B.A.				1509.00	09521	38.0101
Physical Education Teacher Training [5]		B.S.			K-12	0835.00	76702	13.1314
Physician Assistant [6]		B.S.				1299.10	21903	51.0912
Political Science		B.A.				2207.00	09533	45.1001
Psychology		B.A.				2001.00	09528	42.0101
Radiologic Sciences [6]		B.S.				1225.00	20732	51.0907
Religious Studies		B.A.				1510.00	09522	38.0201
Social Studies		B.A.				2201.00	09529	05.0199
Sociology		B.A.				2208.00	09534	45.1101
Spanish		B.A.				1105.00	09517	16.0905
Special Studies [7]		B.S.				4901.00	09535	24.0101

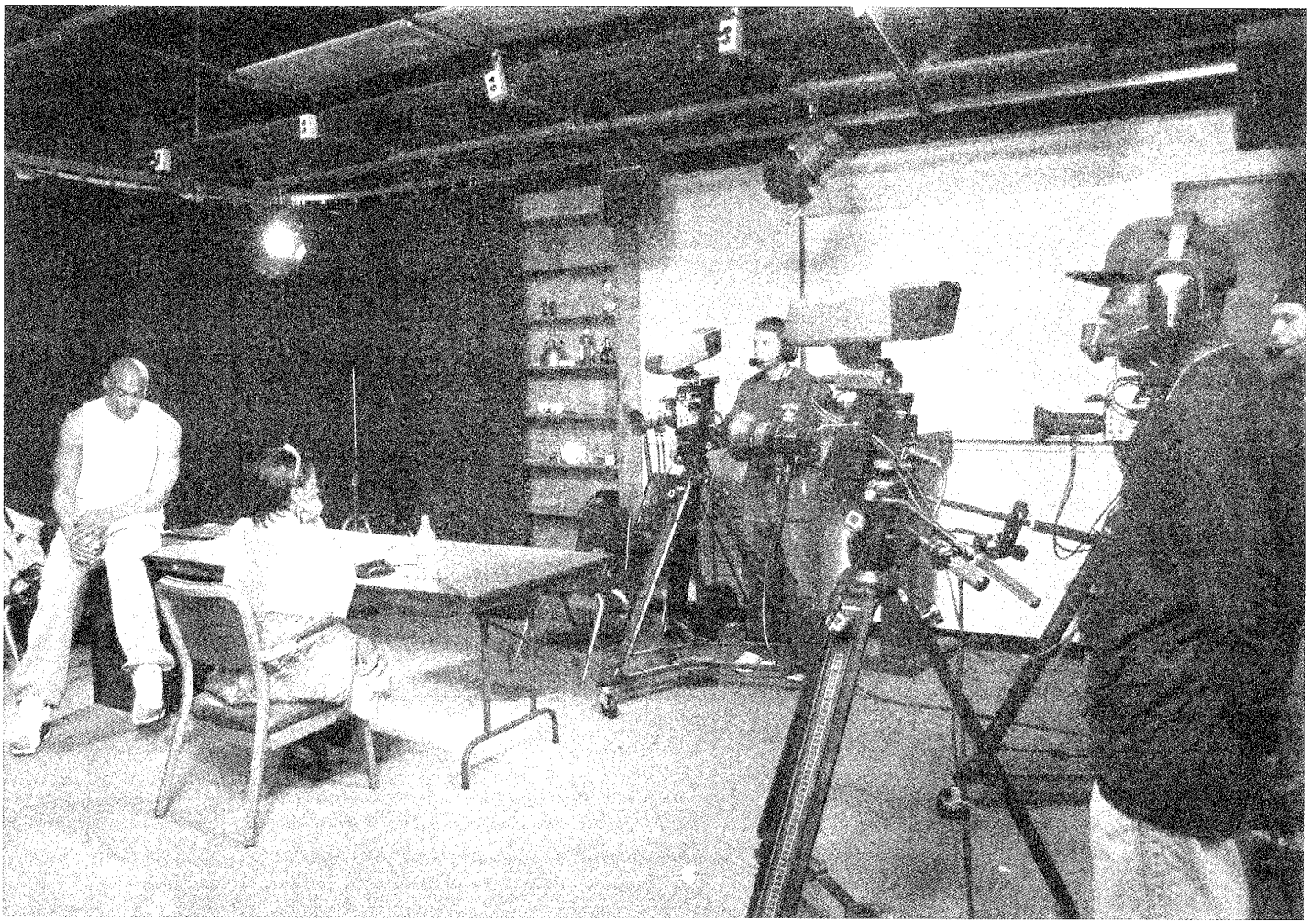
[1] In cooperation with NY College of Podiatric Medicine.
[2] Students are admitted to the Long Island College Hospital School of Nursing and are permitted to take science and liberal arts courses at St. Francis College. Degree and R.N. are granted through LICH.
[3] Students are admitted to St. Vincent's Catholic Medical Center School of Nursing and are permitted to take science and liberal arts courses at St. Francis College. Degree and R.N. are granted through St. Vincent's Catholic Medical Center.
[4] Open to qualified transfer students with a valid R.N. only.
[5] New York State Initial Endorsement is for all grades.
[6] In cooperation with St. Vincent's Catholic Medical Center.
[7] Open to qualified transfer students only.

Minor Fields of Study

In the interest of achieving an additional dimension of educational depth, students who so desire may select a set of elective courses, preferably in a subject area not related to their major field of study, as a minor area. A maximum of two minor concentrations are noted on students' transcripts as a way of recognizing that they have, in addition to the required major program, also concentrated to a lesser degree in one or more additional areas. To obtain a minor designation from St. Francis College, a minimum residency requirement of nine credits at the College shall apply. A minimum grade of *C* is required in all minor program courses. To designate a minor, students must file with the Registrar an official declaration form by the end of the semester immediately preceding that of graduation. Special studies majors and graduate students do not pursue minors. St. Francis College offers the following minor fields of study:

Biology
Business
Chemistry
Communications
Corporate Accounting
Drama
Economics
English
Fine Arts
Forensic Science
French
Health Promotion and Science
History
Information Technology
International Cultural Studies
Italian
Mathematics
Philosophy
Political Science
Psychology
Religious Studies
Sociology
Spanish
Travel and Tourism
Women's Studies

Note: In accordance with the College's standard practice, courses leading to a minor are subject to cancellation in cases of insufficient enrollment.



Tuition, Fees, and Financial Aid

Effective fall 2005 through summer 2006
Subject to change

Tuition

Full-time (12–18 credits)	$ 6,225
Full-time per credit in excess of 18 credits	440
Part-time per credit (1–11 credits)	440
Non-credit courses per-credit equivalent	440

Note: All tuition and fees for the combined B.S./M.S. Accounting program are the same as undergraduate programs as described on these pages.

Mandatory Fees (Each Semester)

Full-time Service Fee	$ 80
Part-time Service Fee	40
Student Activities Fee—full-time students only	30
Technology Fee—full-time, fall and spring semester	150
Technology Fee—part-time, fall and spring semester	100

Miscellaneous Fees

Application Fee	$ 35
Deferred Payment Fee	100
Experiential Learning (per petitioned credit)	147
Late Payment Fee	*See next column*
Readmission Fee	35
Returned Check Surcharge	25
Tuition Deposit (non-refundable; applied toward first semester charges)	200

Deferred Payment Fee

All students who have a balance on account on the first day of school will be charged a tuition deferment fee unless payment arrangements are made using the monthly payment plan with TMS. The tuition deferment fee also applies to students who file the FAFSA late or have incomplete financial aid applications by the first day of school.

Special Course Fees

ACC 2201	$ 40
BIO 103, 104, 107, 108, 140, 141, 150, 201, 202, 203, 204, 206, 250, 300, 301, 302, 303, 310, 320, 405, 420	70
CHE 1101, 1102, 1201, 1202, 2001, 2050, 2101, 2102, 3001, 3002, 4001, 4002, 4050	70
COM 308	165
COM 401, 402, 501	100
FA 404, 405	50
IT 101, 103, 104, 105, 201, 203, 205, 210, 220, 230, 250, 270, 301, 309, 310, 311, 313, 320, 340, 350, 404, 410, 425, 440, 480, 500	40
PHY 2001, 2002	70
PSC 3450	40
PSY 101, 300	40
SCI 1001, 1002	70

Late Fee Assessments

A late fee will be charged to your account if you do not make the required payment by the due date. If you are receiving financial aid, your aid must be posted to your account by the due date as well to avoid any late fees. The late fees are charged according to the following schedule:

Fall and Spring Semesters

A late fee of $125 will be charged on the first day of classes if more than 50% of the invoice is outstanding.

An additional late fee of $125 will be charged in the sixth week of the semester if any portion of the balance remains unpaid.

Summer and Intersessions

A flat $75 late fee will be charged if payment is not received before the first day of classes.

Payment Options

All students are bound by the payment due date (determined by the initial registration date) *whether or not a computerized bill is received.* Students who register after the officially designated payment due date must be prepared to pay or make appropriate payment arrangements by the appropriate deadline. Students who register or pay after the initial registration and payment period may incur late fees.

In Person

Payment may be made via cash, check, money order, or credit card (VISA, MasterCard, Discover, or debit card) in person at Student Financial Services. Credit card payments will only be processed if the authorized cardholder is present or written permission has been granted to St. Francis College to charge payment to the designated card number.

By Mail

Please include the student ID number or social security number on all checks and money orders. Make checks and money orders payable to St. Francis College. *Do not send cash by mail.* Mail payments to:

St. Francis College
Student Financial Services
180 Remsen Street
Brooklyn Heights, NY 11201

Monthly Payment Plan

The College has partnered with Tuition Management Systems (TMS) for the purpose of administering monthly payment plans for the fall and spring semesters. Plan details are available online at www.afford.com. The toll-free number is (800) 356-8329. *The monthly payment option is not available for summer or intersession.*

Financial Aid

Financial aid includes all forms of federal and state aid programs, federal loans, institutional aid and scholarships, and external scholarships. Students must complete the appropriate FAFSA application in order to apply for financial aid. A financial aid

award letter will be mailed once the College receives all necessary information and determines the student's eligibility. Students must return a copy of the award letter indicating the aid and loans they accept or decline.

Only validated financial aid awards will appear on invoices. If there are any discrepancies or aid is missing, contact Student Financial Services in person, by phone at (718) 489-5255, or by e-mail at finaid@stfranciscollege.edu. Balances not covered by financial aid must be paid by the designated due dates.

Third-Party Billing

Students may submit third-party vouchers by the official payment due date. Vouchers will only be accepted in lieu of payment as long as the sponsoring agent assumes responsibility for payment upon receiving an invoice from the College.

The College typically mails invoices by the fifth week of the semester. The account is ultimately the student's responsibility, and students are expected to make appropriate arrangements if a third party fails to pay any portion of the bill.

Employer-sponsored tuition reimbursement programs do not qualify as third-party billing. Companies that do not pay before final grades are recorded may not sponsor students for third-party billing. In such cases, students must pay out of pocket and seek reimbursement through their employer or sponsor.

Free Course for Evening Students

Students taking 12–13 evening credits during fall or spring may be eligible for up to two free courses during the intersession or summer sessions. The application to apply for the tuition waiver is available at Student Financial Services. Applications should be filed prior to the payment due date for the semester in which the waiver is being requested.

Approved waivers cover only tuition charges. All other fees must be paid by the student by the designated due dates. Students denied the tuition waiver are expected to pay in full upon notification that the waiver has been denied.

Tuition Cancellation Policy

An official withdrawal from classes may entitle a student to a refund of tuition paid or a reduction of costs incurred. It is important to note that *all charges and cancellations are based upon tuition commitments for the full semester.* The effective date of withdrawal and cancellation, if any, will be the date when formal application is filed with the Office of the Registrar. In cases when withdrawal is made by mail, the official withdrawal date will be the date of the postmarked envelope.

Students using payment plans or receiving financial aid are responsible for completing all payments if a balance exists after the cancellation of tuition. Please note that *all fees are non-refundable after the first day of the semester and only tuition will be cancelled according to the following schedule.*

Fall or Spring Semester

Date of Withdrawal	Percent Cancellation
Before the first day of the semester	100%
Week 1	80%
Week 2	60%
Week 3	40%
Week 4	20%
After the fourth week	0%

Summer Sessions

Date of Withdrawal	Percent Cancellation
Before the first day of the semester	100%
Week 1	75%
Week 2	50%
After the second week	0%

Intersession (January Session Prior to the Spring Semester)

Date of Withdrawal	Percent Cancellation
Before the first day of the semester	100%
During the first two days of the term	90%
During the third and fourth days of the term	50%
Between the fifth and ninth days of the term	25%
After the ninth day of the term	0%

Exception to Policy

If a student believes that he or she has an extraordinary situation that warrants an exception to the tuition cancellation policy, a written appeal may be submitted to the Office of Student Financial Services, St. Francis College, 180 Remsen Street, Brooklyn, N.Y. 11201.

Financial Aid Recipients

The College is required to recalculate all aid eligibility for the semester if a student completely withdraws from school and was eligible for federal aid such as Pell, SEOG, Perkins Loans, Federal Stafford and PLUS Loans, or New York State TAP. The student will be responsible for any balance due to the College as a result of a reduction in financial aid funds.

Refund of Credit Balances

Students with credit balances resulting from excess financial aid funds, tuition cancellations, etc., will be mailed a refund check within 14 days from the date of processing. Refund checks are mailed to the permanent home address on file.

Credit balances resulting from the disbursement of Parent PLUS Loans will be refunded directly to the parent unless written instruction from the parent is submitted to the Office of Student Financial Services.

St. Francis College has a comprehensive financial aid program consisting of scholarships, grants, loans, and student employment. Please refer to the College's website for additional information on the financial aid program.

Application Procedure

Students must apply for financial aid each academic year. All students who wish to be considered for St. Francis College grants or scholarships must complete the Free Application for Federal Student Aid (FAFSA). The FAFSA can be completed online at www.fafsa.ed.gov. Freshmen entering in the fall semester must file the FAFSA before February 15 for priority consideration. Students should allow at least one month for the FAFSA to be processed in order to meet the February 15 priority date. Returning students (upper class) must file for financial aid for the forthcoming academic year by March 1. Students applying for financial aid are considered for all programs for which they are eligible. The amount of the award is based on the financial need of the student. Recipients of financial aid may be required to submit the appropriate federal income tax return or similar statement of support, verifying all income information reported on the FAFSA.

After filing the FAFSA, residents of New York State have the option of completing the Tuition Assistance Program (TAP) application online by going to the confirmation page of FAFSA and clicking on the link to NYS HESC. Students who do not file online will be sent the Express TAP Application. The application must be completed and returned to be considered for state aid.

In order to release financial aid information to St. Francis College, students must enter the appropriate codes on the application. St. Francis College will not be able to package a student for aid without having received this information. The school code for the FAFSA application is 002820 and for the NY State TAP application is 0715.

General Eligibility Requirements for Financial Aid

In general, to be considered for financial aid awarded by St. Francis College, a student must:

- Be accepted for admission to the College
- Have completed the matriculation requirements for a degree program
- Be enrolled for at least 6 credits in a program of study
- Be in good academic standing and making satisfactory progress toward degree requirements
- Be a U.S. citizen or permanent resident (with appropriate documentation) for federal and state aid

Academic Eligibility for Receipt of Financial Aid

Federal and New York State regulations require that financial aid recipients maintain satisfactory academic progress to qualify for continued funding. The College applies the same standards required for federal aid in determining continuing eligibility for institutional awards. These standards determine student eligibility for financial aid purposes only. Compliance with the standards does not necessarily imply good academic standing at the College, nor does good academic standing at the College imply compliance with these eligibility standards.

Students must satisfy two requirements to be eligible for any kind of financial assistance whether it is funded by the federal government, state government, or through the College's resources. First, students must show evidence of satisfactory progress toward the completion of their degree objectives. This is a function of the quality of a student's academic performance and is measured by the quality-point index (QPI). Second, students must demonstrate that they are pursuing their respective programs of study at an appropriate pace, as assessed by the percentage of credits they have successfully completed as compared to those that they have attempted.

Federal and New York State standards for both satisfactory academic progress and "program pursuit" differ somewhat.

Qualifications for Federal and Institutional Aid

A student is not expected to have earned any college credit before receiving his or her first federal or institutional aid payment. However, in order to retain eligibility for subsequent assistance, the student must satisfy the minimum percentage and minimum QPI standards outlined in the following chart:

Total Credits Attempted [1]	Completed Percent of Attempted Credits	Total Credits Completed [1]	Minimum Index
1 – 28	60%	0 – 27	1.50
29 – 59	70%	28 – 59	1.75
60 – 96	75%	60 +	2.00
97 – 160	80%	60 +	2.00

[1] Inclusive of transfer credit awarded.

Students receiving federal financial aid are expected to complete their undergraduate degree programs by the time they have attempted 150% of the total credits required for the degree. For example, if a degree program requires 128 credits, students who attempt more than 192 credits will no longer be eligible to receive aid (128 times 150% equals 192).

Eligibility for all federal and institutional financial aid, except federal loans, is reviewed annually after the conclusion of the spring term. Federal loan eligibility is reviewed every semester. All federal loan recipients immediately lose their eligibility upon failing to meet either or both of the above-mentioned standards. A student who has attempted 59 or fewer credits since the beginning of his or her academic career is placed on financial aid probation when he or she fails to meet either or both of the above standards. A student who has attempted 60 or more credits immediately loses his or her eligibility for continued federal or institutional financial aid when either or both of the above standards is not met.

Students must maintain minimum academic requirements to receive aid. Students falling below those requirements should refer to the section on Waivers below.

Scholarship awards funded from St. Francis College's resources (e.g., academic, athletic scholarships) have additional eligibility conditions detailed in the student's financial aid award letter.

Qualifications for New York State Aid

Students taking a full-time course load (defined as 12 or more credits) must complete at least 6 credits with a passing or failing grade during both semesters in their first year. In the second year, students must take 9 credits per semester and 12 credits each semester during all subsequent years. It is important to note that *W* grades carry no credit and thus do not count in the total of credits completed each semester. Credits for a course that a student is repeating do not count toward the applicable minimum for full-time financial aid benefits unless the student did not pass the first time or the grade earned is not acceptable toward the student's degree. (A course repeated to raise the student's quality-point index is not included in the calculation of total credit hours completed.) A student is not expected to have earned any college credit before receiving the first state aid payment. All subsequent awards, however, are made only if the recipient meets the credit and quality-point criteria enumerated in the following chart:

Semester of Certification	Minimum Total Credits Completed	Minimum Grade-Point Index	Minimum Credits Completed in Prior Semester [1]
1	0	0.00	0
2	3	1.00	6
3	9	1.20	6
4	21	1.30	9
5	33	2.00	9
6	45	2.00	12
7	60	2.00	12
8	75	2.00	12

[1] Courses must be completed with final grades of *A*, *B*, *C*, *D*, *F*, *P*, or *X*.

It is important to note that the above applicable requirements must be met every semester in order to remain eligible for New York State financial assistance the following semester.

Waivers

In extraordinary circumstances (illness, injury, death of a relative, or serious and unanticipated personal problems beyond a student's control), the College may grant a student a waiver from these requirements. Waivers are available only once during the student's entire undergraduate career and must be specifically requested—in writing and with appropriate supporting documentation—from the Dean of Students. If the waiver is granted, the student is expected to use the semester for which it is granted to make up deficiencies and advance to the level necessary to restore eligibility for future semesters. It is important to note in this regard that a waiver merely makes available to a prospective aid recipient assistance for which he or she is otherwise ineligible and does not change the total number of semesters of his or her eligibility. New York State awards, for example, are limited to no more than eight full semesters.



Scholarships

Merit-Based Scholarships

Academic scholarships are awarded annually to high school seniors who have demonstrated high academic achievement and show the promise of continued success on the college level. Students are considered for these awards based on their secondary school average and performance on the Scholastic Aptitude Test (SAT). All scholarships are awarded for four years—but not more than eight semesters—provided the recipient remains full time and maintains a quality-point index of at least 3.0. Scholarships are not awarded for intersession or summer sessions. Following is a list of available academic scholarships:

- Presidential Scholarship
- Principal Scholarship
- Valedictorian Scholarship
- St. Francis Scholarship
- St. Clare Scholarship
- Dean's Scholarship

Endowed Scholarships

St. Francis College will offer the following scholarships based on available funding and student eligibility. Not all scholarships are awarded every year. For further information, contact the Student Financial Services Office.

Right Reverend John J. Berkery '38 Memorial Scholarship. This full scholarship was established in memory of Father John J. Berkery '38 and was awarded for the first time to a physically challenged student in the spring of 1992.

Harold Geneen Award. This scholarship was established by John P. Monaghan '57 in memory of the longtime CEO of ITT. Strictly need-based, these awards of $1,000 are solely for St. Francis College management and accounting seniors.

Right Reverend Monsignor Daniel A. Hanrahan Scholarship. This scholarship is named for a distinguished alumnus of St. Francis College and is solely for the residents of Sacred Heart Parish, Cambria Heights, Queens.

James Mangano Memorial Scholarship. A partial scholarship established in memory of James Mangano.

Catherine McAuley High School Award. Funded by Joseph J. Martingale '69 for two graduates of Catherine McAuley High School, these $1,000 stipends are awarded each of the four years the student attends St. Francis College.

Right Reverend Monsignor Joseph V. McClancy Memorial Scholarship. Established by the children of the Catholic schools of Brooklyn and Queens in memory of their distinguished superintendent, an alumnus of St. Francis College, this scholarship goes to a graduate of a Catholic high school.

Brother Roger Nagle, O.S.F. Scholarship. An athletic scholarship established through gifts from alumni and friends in memory of Brother Roger, the former athletic director responsible for the building of athletic facilities at the College. Brother Roger, who served the College 1951–89, passed away in 1991. The Nagle scholarship was first awarded in fall 1995.

Brother Austin Sullivan, O.S.F. Memorial Scholarship. Established by the friends of Brother Austin Sullivan, O.S.F., this scholarship is solely for a graduate of the St. Francis Preparatory School.

Brother Donald Sullivan, O.S.F. Scholarships. Two full athletic scholarships endowed with gifts from trustees, employees, alumni, and friends in conjunction with his 25th anniversary as president of the College. Brother Donald, the 12th President of the College, served as president 1969–95.

Endowed Presidential Scholarships

Anne Longo Amore Scholarship. Full scholarship endowed in 2001 in memory of Anne Longo Amore, mother of Dr. Ann Amore, the College's Vice President for College Relations 1979–2001. The scholarship was endowed by gifts from family members, friends, alumni, faculty, staff, and administrators.

Monsignor Paul Bradley '37 Scholarship. Full scholarship endowed by Monsignor Bradley in 1998. Monsignor Bradley was a decorated Chaplain, serving on Iwo Jima during World War II.

Gladys Brooks Foundation Scholarships. The Gladys Brooks Foundation endowed two full scholarships. The first was originally awarded in 1987 and the second was awarded in spring 1992.

Dr. John Burke '40 Scholarship. Full scholarship endowed in 2000 by alumni and friends in honor of Dr. Burke, longtime professor of chemistry who has taught at the College since 1943.

John Daniel Callahan Memorial Scholarship. Peter J. Callahan '63 endowed this full scholarship in memory of his father, John Daniel Callahan.

Frank M. Caputo Memorial Scholarship. Full scholarship established by the family and friends of Frank Caputo, who served on the College's Council of Regents.

Dr. Joseph Carpino Scholarship. Full scholarship endowed in 2000 by alumni and friends in memory of Dr. Carpino, professor of philosophy from 1957–96.

Philip Andrew Carrano '70 Scholarship. Full scholarship endowed in 2000 by family members, friends, and alumni in memory of Philip, an outstanding teacher.

Brother Camillus Casey, O.S.F. Scholarship. Full scholarship endowed in 1998 by alumni and friends in memory of Brother Camillus, former professor of French who taught at the College 1972–81.

Dr. Michael Casey Scholarship. Full scholarship endowed in 2000 by alumni and friends in memory of Dr. Casey, former professor of Economics, who served the College 1962–89.

Robert B. Catell Scholarship. Full scholarship established with part of the proceeds from the 1999 Charter Award Dinner honoring Mr. Catell, chairman and CEO of Keyspan Energy.

Derrick D. Cephas Scholarship. Full scholarship established with part of the proceeds from the 1998 Charter Award Dinner honoring Mr. Cephas, a partner at the law firm Cadwalader, Wickersham & Taft.

Chase Manhattan Bank, N.A. Scholarships. Chase Manhattan Bank established two full scholarships in conjunction with the College's centennial.

Class of 1938 Scholarship. Full scholarship endowed by the Class of 1938 on the celebration of its 50th anniversary. This scholarship was awarded for the first time in spring 1990.

Dean John Clifford Scholarship. Full scholarship endowed in 1998 by alumni and friends in memory of this former beloved dean of students and moderator of the Troupers who died early in his career at the College. He served the College 1962–1977.

Rita and Michael Collins Scholarship. Full scholarship endowed by the Collins and Macchiarola families in 1998 in honor of Mary Macchiarola's parents.

Jo Conway Scholarship. Half scholarship endowed in 2003 by family and friends in memory of Jo Conway.

Joseph Coppotelli '63 Scholarship. Full scholarship established with part of the proceeds from the 2000 Charter Award Dinner honoring Mr. Coppotelli, vice chairman of StructureTone, Inc.

Helen and Louis DeBlasio Scholarship. Full scholarship endowed in 1998 by Kathleen and Michael DeBlasio '58 in honor of his parents.

Professor Francis Delaney Scholarship. Full scholarship endowed in 1999 by alumni and friends in memory of Professor Delaney, former professor of speech.

Eileen C. Dugan Scholarship. Full scholarship established by family and friends in memory of State Assemblywoman Dugan. It was awarded for the first time in 1998.

Dr. Joseph A. Ellis Scholarship. Full scholarship endowed in 1999 by alumni, friends, and former colleagues from City College of New York in memory of this professor of history.

Employee Scholarship. Past and current employee gifts endowed this full scholarship. The scholarship was first awarded in fall 1992.

Bernard Ferguson '22 Scholarships. Mr. Ferguson left a gift in his will to endow two full scholarships for "worthy but needy students of the Roman Catholic faith." The first was awarded in fall 1999.

Professor Nick Fiorenza '36 Scholarship. Full scholarship endowed in 1998 by alumni and friends in memory of this longtime professor of fine arts. Professor Fiorenza taught at the College from 1946–79.

Dr. James Flynn Scholarship. Full scholarship endowed in 2000 by alumni and friends in memory of Dr. Flynn, professor of history 1959–77.

Honorable Kevin Fogarty Scholarship. Full scholarship endowed in 2000 to honor Judge Fogarty upon his retirement as the College's long-serving chairman of the board of trustees. The scholarship was endowed by gifts from trustees, alumni, faculty, staff, and administration.

William F. Fox, Jr. '49 Scholarship. Nora Fox endowed this full scholarship in memory of her husband. It was awarded for the first time in fall 1991.

Honorable Anthony J. Genovesi Scholarship. Full scholarship endowed in 1999 by family and friends in memory of this prominent civic leader and member of the New York State Assembly.

Betty and Leo Giancola Scholarship. Full scholarship endowed in 2000 in memory of the parents of Elizabeth Giancola Becker '78 by Elizabeth and her husband Lawrence Becker '77.

Augustus E. Giegengack Memorial Scholarship. Full scholarship endowed by Walter '38 and Margaret McArdle in memory of Augustus E. Giegengack, the 13th Public Printer of the United States.

Brother Urban Gonnoud, O.S.F. Scholarship. Full scholarship endowed in 1998 by alumni and friends in memory of the 11th president of the College, who served from 1958–69.

William Randolph Hearst Foundation Scholarship. Originally endowed as a half scholarship by the Hearst Foundation in memory of William Randolph Hearst, this scholarship was increased to a full scholarship in 1988.

Cornelius Heeney Memorial Scholarship. The Brooklyn Benevolent Society endowed two full scholarships in memory of the Society's founder Cornelius Heeney.

Mary and Walter Henning Scholarship. Catherine and Michael Henning '61 endowed this full scholarship in 2001 in honor of his parents.

Brother Edmund Holmes, O.S.F. '28 Scholarship. Msgr. Paul Bradley established this full scholarship. It was first awarded in 1998.

Dr. Clement Jedrzejewski Scholarship. Full scholarship endowed in 1999 by alumni and friends in memory of Dr. Jedrzejewski, former professor of sociology who taught at the College 1946–72.

Cathleen and George Kane Scholarship. Full scholarship endowed in 1999 by Mary Ann and Daniel T. Kane '67 in honor of his parents.

Frances C. and Joseph T. Keegan, Sr. Scholarship. Full scholarship endowed in 1998 by Mary Jane and Gerard Keegan '68 in honor of his parents.

Ernest Kehr Memorial Scholarship. This half scholarship was established in memory of Ernest Kehr '38 and was awarded for the first time in fall 1989.

Brother Pascal Kelly, O.S.F. Scholarship. Full scholarship endowed in 1999 by alumni and friends in memory of this longtime professor of philosophy. Brother Pascal served the College 1936–76.

Ronnie Murray Konkel Scholarship. Endowed in 2003 by James Konkel '57 in memory of his late wife. The scholarship was first awarded in 2004.

Dr. Nino Langiulli Scholarship. Full scholarship endowed in 2000 by alumni and friends in honor of Dr. Langiulli, longtime professor of philosophy who taught at the College 1961–2001.

Brother George Larkin '60, O.S.F. Scholarship. Full scholarship endowed in 2000 by alumni and friends in honor of Brother George, dean of admissions, who has served the College since 1971.

Marie and Bill Ledermann Scholarship. Endowed in 2004 by friends and their daughter Mary, a former Vice President of Finance at St. Francis College.

Danny Lynch, Sr. '38 Scholarship. Full scholarship endowed in 1998 by alumni and friends in memory of this longtime basketball coach and athletic director. Danny served the College 1948–81.

Philip and Rhena Lynch Scholarship. Endowed in April 2002 by Michael Lynch and Susan Baker in memory of Michael's parents.

Lucy and Joseph Macchiarola Scholarship. Full scholarship endowed in 1998 by members and friends of the Macchiarola family to honor Frank Macchiarola's parents.

Mary and Frank Macchiarola '62 Scholarship. Full scholarship endowed in 2000 by alumni and friends in honor of the president of the College and his wife.

Margaret L. McArdle Scholarship. Full scholarship endowed by Walter McArdle '38 in honor of his wife Margaret.

Rose D. McArdle Memorial Scholarship. Full scholarship endowed by Walter McArdle '38 in memory of his mother Rose.

John '51 and Mary McCarthy Scholarships. The McCarthys endowed 12 full scholarships. The first was originally awarded in spring 1987.

Robert McCarron (Brother Isidore, O.S.F.) Scholarship. Full scholarship endowed in 2000 by alumni and friends in memory of Brother Isidore, former professor of religion and director of continuing education.

Elizabeth Flanagan McCloskey Scholarship. This scholarship was endowed in 2001 by a gift left to the College through Mrs. McCloskey's estate.

Donald H. McCree, Jr. Scholarship. This full scholarship was established with part of the proceeds from the 1996 Charter Award Dinner honoring Mr. McCree, who is the retired president and CEO of IBJ Schroder Bank & Trust Company. It was awarded for the first time in 1997.

Brigit T. and Patrick J. McTague Memorial Scholarship. Full scholarship endowed by the late Colonel Hugh O'Neill McTague '37, in memory of his parents.

Hugh O'Neill '37 and Josephine McTague Memorial Scholarship. Full scholarship endowed by Cynthia McTague, widow of Hugh O'Neill McTague '37, in memory of her husband and his first wife.

Joan and Thomas Meade Scholarship. Full scholarship endowed in 1998 by the Meades. Thomas was a longtime member of the Council of Regents.

Lois Melsha Scholarship. Two full scholarships endowed through the estate of Lois Melsha. The first scholarship was awarded in fall 1994.

The Most Reverend Thomas E. Molloy Memorial Scholarship was established by the board of trustees in memory of the late Bishop of Brooklyn, a distinguished alumnus of St. Francis College.

Joseph Murphy (Brother Jarlath, O.S.F.) Scholarship. Full scholarship endowed in 2000 by alumni and friends in memory of Brother Jarlath, former director of development and alumni relations.

John Muscara Scholarship. Full scholarship endowed in 1999 by Frank Baxter, chairman and CEO of Jefferies & Company, in memory of Mr. Muscara, a Jefferies employee and lifelong Brooklyn resident.

James Patranzino '69 Scholarship. This full scholarship in memory of James Patranzino '69 was established with gifts from his friends and colleagues and matching gifts from the Ernst & Young Foundation. It was awarded for the first time in 1997.

Vincent Pitta '68 Scholarship. Created with the proceeds of the 2001 Charter Award Dinner at which Mr. Pitta was honored. Mr. Pitta is an alumnus of the College who is an accomplished labor attorney and a member of the College's Development Committee.

Providenti Family/Council of Regents Scholarships. Full scholarship endowed by Anthony Providenti '67 in honor of his family and the Council of Regents of which he is a member. The scholarship was first awarded in fall 1995.

A.C. and Frances Providenti Scholarship. Full scholarship endowed by Frances and Anthony C. Providenti '67. The scholarship was first awarded in fall 2000.

Helen Quigley Scholarships. Mr. James Quigley '32 endowed two full scholarships in memory of his wife. The first was awarded in fall 1994.

Brother Leo Quinn, O.S.F. '26 Scholarship. Full scholarship endowed in 1998 by alumni and friends in memory of this longtime mathematics professor.

Brother Columba Reilly, O.S.F. Scholarship. Full scholarship endowed in 1999 by alumni and friends in memory of the eighth president of the College. Brother Columba served as president 1925–34 and 1936–52.

Brother Jerome Roese, O.S.F. Memorial Scholarship. Full scholarship established in memory of the tenth St. Francis College President. This scholarship is awarded to a student who has demonstrated exceptional academic achievement and shows promise of continued success. Brother Jerome served as president 1952–58.

Irene and Vincent Salamone Scholarship. Endowed in 2003 by Denis '75 and Joanne Salamone in honor of Denis's parents. The scholarship was first awarded in 2004.

Dr. Aida Santiago Scholarship. Full scholarship endowed in 2000 by alumni and friends in memory of Dr. Santiago, professor of economics 1990–97, who died early in her academic career.

Dr. Charles Savage Scholarship. Established by accounting alumni in honor of the accounting department's former chairman, this scholarship was awarded for the first time in fall 1993. Dr. Savage served the College 1957–80.

Charles Schaem '40 Scholarship. Full scholarship endowed in 1998 by alumni and friends in memory of this longtime water polo coach.

Dr. Scholl Foundation Scholarship. Half scholarship endowed in 1984 by the Dr. Scholl Foundation.

Peter J. Striano Scholarship. Full scholarship established with part of the proceeds from the 1997 Charter Award Dinner honoring Mr. Striano, CEO of Unity Electric Co., Inc. and Uni-Data and Communications, Inc. It was awarded for the first time in 1998.

Student Government Association/John F. Kennedy Scholarship. Full scholarship endowed in 2000 by the Student Government Association in memory of the former President of the United States.

Brother Donald Sullivan, O.S.F. Scholarships. Two full scholarships endowed with gifts from trustees, employees, alumni, and friends in conjunction with his 25th anniversary as president of the College. Brother Donald was the 12th President of St. Francis College.

Joseph Supancich '26/Child Abuse Prevention Program (CAPP) Scholarship. Endowed in 2003 in honor of Joseph Supancich '26 and CAPP, the scholarship was first awarded in September 2004.

Third Order Regular Scholarships. The St. Francis Fraternity Third Order of St. Francis endowed one full and one half scholarship. These scholarships are awarded on the basis of both financial need and scholastic merit.

Brother Giles Turbee, O.S.F. Scholarship. Full scholarship endowed in 2000 by alumni and friends in memory of Brother Giles, former professor of English. Brother Giles taught at the College 1947–85.

Louis Valentino, Jr. '79 Scholarship. A scholarship endowed in 1988 in memory of this firefighter killed in the line of duty. Established by his wife Diane and parents Phyllis and Louis, Sr., the scholarship offers $1,000 per year to each of three students. To be eligible, the student must be a firefighter or the spouse or a child of a firefighter.

Joseph and Claire Walker Scholarship. Endowed in December 2002 by Clare & Joseph P. Walker '61 in memory of Joe's parents.

Rita-May and Tom '62 Ward Scholarship. Endowed in December 2002 by Tom Ward '62 and his wife Rita-May.

Partially Funded Scholarships

When these scholarships become fully endowed, they will be presented to deserving students.

Dr. James Adams
Professor John Allegra
Richie Allen '96
Honorable Francis X. Altimari '50
Dr. Ann Amore
Carmen and Edward Aquiline '60
Peter Aquilone
Madeline and Stanley Bogart
Frank Celauro
Curtin Family
John T. Danaher '70
Hans-Peter Dawson Memorial
Dominick P. '64 and Rosemary DePaola
Duns Scotus
Edward Farrell '52
Pete Fazio '60
Dr. Robert Fox
The Franciscan Brothers
Frederick Dennis Furman '64
Dr. Enildo Garcia
Kathleen Corrigan Giallanza '90
Dr. Uwe Gielen
Brother Austin Gill, O.S.F. '62
Margaret and Thomas P. Groarke
Helen and Richard Halverson
Dr. Dorothy Lipp Harris
Elizabeth and Bernard Haverty
Brother John Hoffschmidt, O.S.F.
Dr. Arthur Hughes
Monsignor John Kean
Rosa and Flores Linares
Brother Alfonsus Maher, O.S.F.
Brother Celestine McGarry, O.S.F.
Dr. Donald Metz '47
John Motley
Jonathan Nigro '96
John Cardinal O'Connor
Dr. Carolyn Plonsky
Dr. Tom Quigley '52
Brother Robert Schaefer, O.S.F.
Professor Frank Slade
Brother Robert Smith, O.S.F.
Dr. Frank Sorrentino
Timothy M. Stackpole '01
Grace I. Terry
World Trade Center Victims

PROGRAMS OF STUDY

Divisional Structure

In 2001, St. Francis College organized all academic departments into a divisional structure. St. Francis College is organized into four academic divisions: Humanities, Management Science, Sciences and Allied Health, and Social Sciences.

Humanities

Studies within the humanities provide the instruments for an understanding of human knowledge and the means by which this knowledge can be questioned. This intellectual self-determination, the basis upon which a liberal arts education is built, combines an emphasis on the development of the whole person with an understanding of civilization and its foundations. By encompassing so much of human knowledge and experience, courses within the humanities lead students toward intellectual, emotional, and spiritual development within an atmosphere of serious intellectual pursuit, learning, and scholarship.

The division of Humanities has established a series of goals and objectives: to promote intellectual growth and curiosity; to examine modes of communication, means of expression, and ways of thinking; to cultivate critical awareness; to provide a solid grounding in each discipline within the humanities; and to develop an appreciation of human cultures and societies.

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Management Science

It is the mission of the Management Science division to graduate students of integrity and responsibility with a sound foundation in liberal arts and with the necessary professional courses and skills to acquire and develop a career in business, government, and commerce. The division of Management Science is responsible for developing and offering business-related and professional courses.

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Accounting and Business Law	29
Information Technology	82
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Sciences and Allied Health

Consistent with the mission, goals, and objectives of St. Francis College, the division of Sciences and Allied Health seeks to prepare students of integrity with a sound foundation in liberal arts and the necessary background to succeed in graduate and professional schools as well as in careers in sciences and allied health fields. The division encompasses five academic departments and numerous pre-health professions programs through external affiliations. In addition to the academic majors and programs offered within these units, the division contributes to general education through the core curriculum and courses which serve majors in other fields.

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Social Sciences

The division of Social Sciences educates all students in the basic principles of the social sciences. Through theoretical and empirical study, students learn about the institutions, relationships, and ideas involved in life. An understanding of society and of their own places within it is expected to enhance not only their future careers, but also their ability to participate in and contribute to the society of which they are a part.

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Accounting and Business Law

Office: Room 5003
Phone: (718) 489-5283

Chairperson
Dr. Geoffrey R. Horlick

Professors
Horlick
Yellin

Assistant Professor
Nogara

Professor Emeritus
Diamond

Adjuncts
Celano
Dolan
Lesman

Department Mission

Within the context of a liberal education, the Accounting and Business Law department seeks to provide all management and accounting majors the appropriate skills, knowledge, and abilities to become successful professionals. The accounting major prepares students for a career in public accounting, private industry, or not-for-profit accounting (government agencies, foundations and associations, hospitals, colleges and universities, libraries, museums, schools, religious organizations, and arts groups). Upon satisfactory completion of the major in accounting, the student may sit for professional certification examinations such as the C.P.A. exam or C.M.A. exam. The degree requirements are fully registered with the State of New York. See the section on *C.P.A. Certification* for clarification.

Internship programs that provide a guided practical experience in corporate, public, and not-for-profit accounting are occasionally available to students. Graduates of the accounting program of St. Francis College have been employed by a broad range of C.P.A. firms, corporations, banks, brokerage houses, manufacturing firms, retail establishments, governmental agencies, and not-for-profit groups.

Goals and Objectives

- *Enable both undergraduate and graduate students to prepare and interpret financial statements in accordance with generally accepted accounting principles (GAAP), auditing standards, and other appropriate professional pronouncements of the accounting profession.*
- *Enable undergraduate and graduate students to use current computer software applicable to specific accounting procedures.*
- *Enable undergraduate and graduate students the opportunity to engage in professional research and prepare written and oral presentations.*
- *Encourage mutual respect between faculty and students and to graduate students who will conduct themselves in an appropriate ethical and professional manner, with honesty and integrity in all professional endeavors.*

Transfer Students

Students may transfer into any accounting program. Transfer credit may be awarded depending on the institution that awarded the original credit and the grade(s) earned. According to departmental policy, no more than five designated undergraduate accounting [ACC] courses may be accepted for transfer credit. Graduate transfer credit is rarely granted. See the Chairperson for additional information.

C.P.A. Certification

On or after August 1, 2009, New York State will require that individuals who apply for licensure in public accountancy (qualifying to sit for the C.P.A. examination) must have completed a registered 151-credit hour program. Accounting majors graduating during or after 2009 have the following program options.

Students *Seeking* C.P.A. Certification

Students who seek C.P.A. certification can pursue either of two programs. Both C.P.A.-track programs are 151 credits; one culminates in a dual award of a B.S. degree and an M.S. degree, the other in a B.S. degree only. Both programs fulfill the course of study required by the New York State Department of Education and the New York State Board of Accountancy. The first six semesters of both programs are identical thus offering a completion option for students who begin the C.P.A.-track program and are not eligible to enter the graduate division after six semesters.

Accounting majors must apply for the graduate portion of the combined B.S./M.S. degree program after completing the first six semesters of the program's required courses (102 credits). Students are required to pass and have a minimum index of 2.8 in all accounting courses in order to enter the graduate division. Students not meeting these requirements may be given reconsideration if a satisfactory score is achieved on the Graduate Management Admission Test (GMAT).

Alternatively, students who do not qualify for the above B.S./M.S. degree program may pursue the 151-credit B.S. degree program in accounting.

Students *Not Seeking* C.P.A. Certification

Students interested in an accounting program but who do not need or want C.P.A. certification may pursue a four-year program culminating in a B.S. degree. This program primarily prepares for students in management or industry where a solid foundation in accounting is helpful or required, but C.P.A. certification is not necessary.

Program Requirements

Major in Accounting

C.P.A. Track—Combined B.S./M.S. Program

This program leads to a dual award. Students who complete this program will receive both degrees at the same time, and students may not complete one portion without the other. Students wishing to complete only a B.S. program in accounting should refer to the following pages for additional program choices. Students should also refer to the section in the front of this catalogue for policies specific to the graduate portion of this degree.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra		MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
➡Select the following course to satisfy the Philosophy Elective core requirement			
PHI 7342 Business Ethics [1]		PHI 2201 or PHI 2203	
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
ACC 2101 Intermediate Accounting I	4	ACC 1102 IT 101 (may be taken as pre- or co-requisite)	
ACC 2102 Intermediate Accounting II	4	ACC 2101	
ACC 2201 Accounting Information Systems	3	ACC 1101 IT 101	
ACC 3301 Cost Accounting	3	ACC 1001 or ACC 1102 IT 101 (may be taken as pre- or co-requisite)	
ACC 4501 Taxation for Individuals	3	ACC 1001 or ACC 1102	
BL 2101 Business Law I	3	BUS 101	
BL 2102 Business Law II	3	BL 2101	
BUS 101 Organization and Management	3		
BUS 250 Business Communications	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
IT 101 Computer Tools	3		
MKT 201 Marketing	3	BUS 101	
ORM 301 Empirical Methods for Business Research	3	MAT 105	
Any **TWO** humanities electives [2]	6		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Any liberal arts elective	3		
Free electives	6		
To proceed in the curriculum, students must apply for admission to the graduate division. Admission requirements include a minimum index of 2.8 in all ACC courses listed above. See Accounting department for further information.			
ACC 4101 Advanced Accounting Problems	3	ACC 2102	
ACC 4401 Auditing Principles	3	ACC 2101	
ACC 6201 Advanced Accounting Information Systems [1]	3	ACC 2201 ACC 4101	
ACC 6402 Advanced Auditing [1]	4	ACC 2201 ACC 4401	
ACC 6502 Taxation for Business Organizations [1]	4	ACC 4501	
ECO 6411 Economic Theory and Analysis [1]	3	ECO 2202 ECO 2306	
FIN 6501 Advanced Finance [1]	3	FIN 301	
ORM 6308 Quantitative Methods in Business I [1]	3	MAT 109 or MAT 202 MAT 301 or ORM 301	
ACC 7998 Graduate Seminar in Accounting [1]	4	ACC 4101	
BUS 7999 Business Policies Capstone [1]	3	Final semester of graduate program	
Total credits required	**151**		

The successful completion of BUS 7999 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] This is a graduate course. Students must be admitted to the graduate division before taking this course.

[2] Select any course from ECO, HIS, ICS, PSC, or PSY except ECO 3331/FIN 301, ECO 3332/FIN 302, ECO 3333/FIN 312, or ECO 4433/FIN 412.

C.P.A. Track—151-Hour B.S. Program

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra		MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
➡Select the following course to satisfy the Philosophy Elective core requirement			
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
ACC 2101 Intermediate Accounting I	4	ACC 1102 IT 101 (may be taken as pre- or co-requisite)	
ACC 2102 Intermediate Accounting II	4	ACC 2101	
ACC 2201 Accounting Information Systems	3	ACC 1101 IT 101	
ACC 3301 Cost Accounting	3	ACC 1001 or ACC 1102 IT 101 (may be taken as pre- or co-requisite)	
ACC 4101 Advanced Accounting Problems	3	ACC 2102	
ACC 4401 Auditing Principles	3	ACC 2101	
ACC 4402 Advanced Auditing	3	ACC 2201 ACC 4401	
ACC 4501 Taxation for Individuals	3	ACC 1001 or ACC 1102	
ACC 4502 Taxation for Business Organizations	3	ACC 4501	
ACC 4998 Senior Seminar in Accounting	3	ACC 4101	
BL 2101 Business Law I	3	BUS 101	
BL 2102 Business Law II	3	BL 2101	
BUS 101 Organization and Management	3		
BUS 250 Business Communications	3		
BUS 490 Business Policies	3	ECO 3331/FIN 301 MKT 201 ORM 301 or MAT 301 Senior standing	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
IT 101 Computer Tools	3		
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
MKT 201 Marketing	3	BUS 101	
ORM 308 Quantitative Methods in Business I	3	MAT 301 or ORM 301	
Any **TWO** humanities electives [1]	6		
Any Management elective [2]	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Any **TWO** liberal arts electives	6		
Free electives	12		
Total credits required	**151**		

The successful completion of ACC 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] Select any two courses from ECO, HIS, ICS, PSC, or PSY except ECO 3331/FIN 301, ECO 3332/FIN 302, ECO 3333/FIN 312, or ECO 4433/FIN 412.

[2] Select any course from BUS, FIN, HR, MKT, or ORM.

Non-C.P.A. Track—130-Hour B.S. Program

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra		MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
➡Select the following course to satisfy the Philosophy Elective core requirement			
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
ACC 2101 Intermediate Accounting I	4	ACC 1102 IT 101 (may be taken as pre- or co-requisite)	
ACC 2102 Intermediate Accounting II	4	ACC 2101	
ACC 2201 Accounting Information Systems	3	ACC 1101 IT 101	
ACC 3301 Cost Accounting	3	ACC 1001 or ACC 1102 IT 101 (may be taken as pre- or co-requisite)	
ACC 4101 Advanced Accounting Problems	3	ACC 2102	
ACC 4112 Current Issues in Accounting	3	ACC 4101	
ACC 4411 Management Auditing	3	ACC 2201	
ACC 4501 Taxation for Individuals	3	ACC 1001 or ACC 1102	
BL 2101 Business Law I	3	BUS 101	
BL 2102 Business Law II	3	BL 2101	
BUS 101 Organization and Management	3		
BUS 490 Business Policies	3	ECO 3331/FIN 301 MKT 201 ORM 301 or MAT 301 Senior standing	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
IT 101 Computer Tools	3		
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
MKT 201 Marketing	3	BUS 101	
ORM 308 Quantitative Methods in Business I	3	MAT 301 or ORM 301	
Select **TWO** of the following courses	6		
Any ECO course except ECO 3331/FIN 301, ECO 3332/FIN 302, ECO 3333/FIN 312, or ECO 4433/FIN 412			
HIS 2303/PSC 2312 The World in the 20th Century		HIS 1201 or 15 college credits	
HIS 2320-2323/PSC 2320-2323 Current Problems		HIS 1201 or 15 college credits	
HIS 3307 American Minorities		HIS 1201	
HIS 3370 History of American Labor		HIS 1201	
HIS 3410 The American City		HIS 1201	
HIS 3415/PSC 3410 Constitutional Law I		HIS 1201 or PSC 1202 or PSC 1204	
HIS 3416/PSC 3411 Constitutional Law II: Civil Liberties		HIS 1201 or PSC 1202 or PSC 1204	
ICS 240 Peoples/Cultures of the Contemporary World I			
ICS 241 Peoples/Cultures of the Contemporary World II			
ICS 307/SOC 3050 Caribbean Culture and Society		SOC 1000	
PSC 1204 American National Government			
PSC 2309 Public Administration		PSC 1204	
PSC 2404 Government and Business: 1865–Present		24 college credits	
PSC 3406 International Relations		PSC 1202	
PSY 100 General Psychology			
PSY 313 Group Dynamics			
PSY 317 Industrial and Organizational Psychology			
Liberal Arts electives	6		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	3		
Total credits required	**130**		

The successful completion of ACC 4112 satisfies the College's Comprehensive Examination/Thesis requirement.

C.P.A. Track—130-Hour B.S. Program

This program will confer its last degree in May 2009; students who wish to begin this program may do so only after consulting with the department Chairperson. Students who complete this program by 2009 will be eligible to sit for the C.P.A. exam. However, State licensure requirements will limit the amount of time students have to complete the C.P.A. examination after graduation.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra		MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
ACC 2101 Intermediate Accounting I	4	ACC 1102 IT 101 (may be taken as pre- or co-requisite)	
ACC 2102 Intermediate Accounting II	4	ACC 2101	
ACC 3301 Cost Accounting	3	ACC 1001 or ACC 1102 IT 101 (may be taken as pre- or co-requisite)	
ACC 4101 Advanced Accounting Problems	3	ACC 2102	
ACC 4401 Auditing Principles	3	ACC 2101	
ACC 4501 Taxation for Individuals	3	ACC 1001 or ACC 1102	
ACC 4502 Taxation for Business Organizations	3	ACC 4501	
ACC 4998 Senior Seminar in Accounting	3	ACC 4101	
BL 2101 Business Law I	3	BUS 101	
BL 2102 Business Law II	3	BL 2101	
BUS 101 Organization and Management	3		
BUS 490 Business Policies	3	ECO 3331/FIN 301 MKT 201 ORM 301 or MAT 301 Senior standing	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
IT 101 Computer Tools	3		
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
MKT 201 Marketing	3	BUS 101	
ORM 308 Quantitative Methods in Business I	3	MAT 301 or ORM 301	
Select **TWO** of the following courses	6		
Any ECO course except ECO 3331/FIN 301, ECO 3332/FIN 302, ECO 3333/FIN 312, or ECO 4433/FIN 412			
HIS 2303/PSC 2312 The World in the 20th Century		HIS 1201 or 15 college credits	
HIS 2320-2323/PSC 2320-2323 Current Problems		HIS 1201 or 15 college credits	
HIS 3307 American Minorities		HIS 1201	
HIS 3370 History of American Labor		HIS 1201	
HIS 3410 The American City		HIS 1201	
HIS 3415/PSC 3410 Constitutional Law I		HIS 1201 or PSC 1202 or PSC 1204	
HIS 3416/PSC 3411 Constitutional Law II: Civil Liberties		HIS 1201 or PSC 1202 or PSC 1204	
ICS 240 Peoples/Cultures of the Contemporary World I			
ICS 241 Peoples/Cultures of the Contemporary World II			
ICS 307/SOC 3050 Caribbean Culture and Society		SOC 1000	
PSC 1204 American National Government			
PSC 2309 Public Administration		PSC 1204	
PSC 2404 Government and Business: 1865–Present		24 college credits	
PSC 3406 International Relations		PSC 1202	
PSY 100 General Psychology			
PSY 313 Group Dynamics			
PSY 317 Industrial and Organizational Psychology			
Liberal Arts electives	6		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	3		
Total credits required	**130**		

The successful completion of ACC 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

Minor in Corporate Accounting

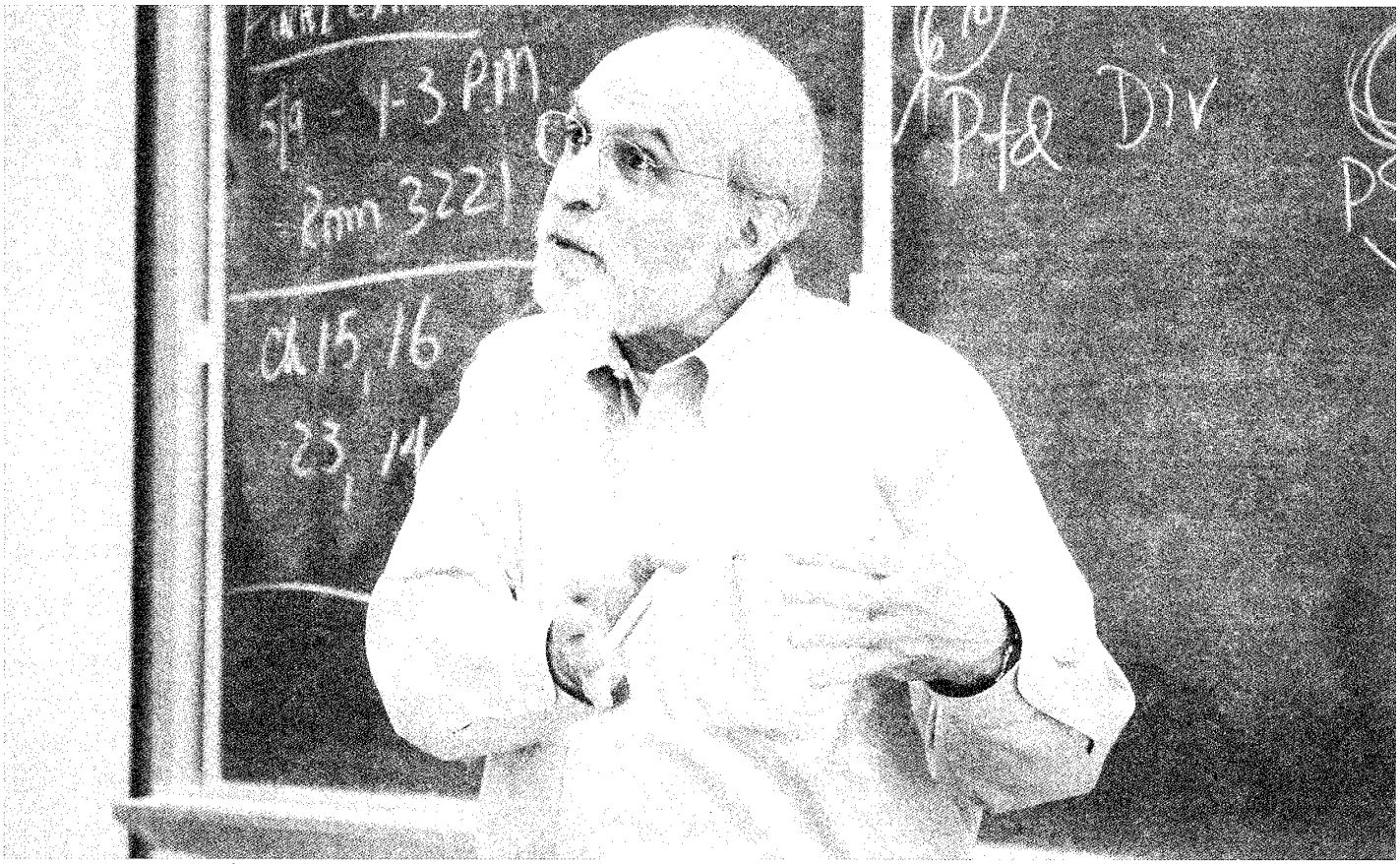
The minor in corporate accounting introduces students to the field of accounting and provides them with an overview of financial and managerial accounting, taxation, and an introduction to computers. It allows students majoring in other areas to obtain some knowledge and understanding of various accounting practices and procedures used today. A minor in accounting may be pursued by students in any major degree program.

Required Courses and Credits for Liberal Arts Majors

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
ACC 2201 Accounting Information Systems	3	ACC 1101 IT 101	
ACC 4501 Taxation for Individuals	3	ACC 1001 or ACC 1102	
IT 101 Computer Tools	3		
Total credits required	**17**		

Required Courses and Credits for Management Majors

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
ACC 2201 Accounting Information Systems	3	ACC 1101 IT 101	
ACC 4501 Taxation for Individuals	3	ACC 1001 or ACC 1102	
IT 101 Computer Tools	3		
Select ONE of the following courses	3		
ACC 4401 Auditing Principles		ACC 2101	
ACC 4421 Internal Auditing		ACC 1001 or ACC 1102 BUS 101	
Total credits required	**20**		



Allied Health

Office: Room 5318
Phone: (718) 489-5321

Chairperson
Dr. Ellen Glascock

Professor
Glascock

Instructor
Srour

Professor Emerita
Plonsky

Adjuncts
Congo
Esfarayeni
McCarthy

Department Mission

The degrees within the Allied Health department provide a fundamental and thorough education in the liberal arts tradition while concurrently providing pre-professional preparation in health promotion or health administration/management. Mastery of the liberal arts core as well as communication skills built sequentially into the major curriculum support the graduate as he or she enters and adapts to changes in the professional domain and contributes to his or her success as a mature and responsible citizen beyond graduation. The departmental programs are designed to prepare students for careers immediately after graduation and/or graduate school and professional training.

Goals and Objectives

- *Demonstrate knowledge, skills, and behavior appropriate to entry-level positions in health care organizations.*
- *Investigate, analyze, and write a well-documented research paper based on a complex health problem.*
- *Formulate a comprehensive oral presentation.*
- *Will, develop, achieve, and sustain a lifelong commitment to personal and professional growth.*

Program Requirements

Policy on *D* Grades within the Major

The Chairperson reserves the right to waive one *D* in a required major course, provided both of the following are true:

- The *D* is not in HS 701 Seminar in Health Promotion.
- The student otherwise has a 3.0 index in major courses (both required and elective courses).

It is the student's responsibility to request the waiver in sufficient time to complete any work needed for graduation should the waiver be denied. This policy is reviewed with the student upon declaration of the major as well as at each advisement session for those who have earned any *D* grades. Please see the Chairperson for any questions or clarification.

Major in Health Promotion and Science

The Health Promotion and Science major offers students the opportunity to study an exciting and growing segment of the health care industry, preparing them for employment in corporations, health facilities, and community settings. Students investigate disease prevention and health promotion in a variety of settings, learn concepts and principles underlying educational strategies, and apply these theories to planning, designing, implementing, and evaluating a program of their own (such as smoking cessation, heart-healthy eating, or fitness). Field placement and a capstone seminar are integral to this program. The flexible elective pool allows each student to customize his or her degree with concentrations based on career interests. At the completion of this major, the student may be prepared to sit for the C.H.E.S. (Certified Health Education Specialist) examination.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 102 Introduction to Human Biology			
MAT 301 Statistics		MAT 104 or higher or placement exam	
➡Select the following course to satisfy the Religious Studies core requirement			
REL 205 Moral Values and Health Issues			
HS 102 Community Health	3		
HS 150 Introduction to Health Promotion	3		
HS 151 Foundations of Health Promotion	3	HS 150	
HS 250 Designing Health-Promotion Programs	3	HS 151 Two health-promotion electives	
HS 251 Implementation and Evaluation of Health-Promotion Programs	3	HS 250	
HS 406 Epidemiology	3		
HS 503 Internship in Allied Health	3	15 HS credits	
HS 701 Seminar in Health Promotion	3	HS 251 Senior standing Instructor approval	
Select **FOUR** health-promotion-related courses	12		
IT 101 Computer Tools	3		
PSY 100 General Psychology	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	42		
Total credits required	**129**		

The successful completion of HS 701 satisfies the College's Comprehensive Examination/Thesis requirement.

Minor in Health Promotion and Science

A minor in Health Promotion and Science is both useful and appropriate for a variety of students interested in the educational side of health care. Because health and fitness is a rapidly expanding industry, opportunities abound for individuals with talents and backgrounds in areas such as English, communications, economics, pre-medicine, sociology, psychology, physical education, and management combined with health-promotion skills. Health promotion specialists find employment in schools, community centers, health clubs, and corporations.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
HS 150 Introduction to Health Promotion	3		
HS 151 Foundations of Health Promotion	3	HS 150	
HS 250 Designing Health-Promotion Programs	3	HS 151 Two health-promotion courses	
HS 251 Implementation and Evaluation of Health-Promotion Programs	3	HS 250	
Select **TWO** of the following courses	6		
HS 102 Community Health			
HS 206 Safety and First Aid			
HS 207 Nutrition			
HS 301/PSY 301 Health Counseling			
HS 305/PSY 225 Coping with Stress			
HS 306 Healing and Wholeness			
HS 403 Women's Health Issues			
HS 406 Epidemiology			
HS 419 Death, Loss, and Grief			
Total credits required	**18**		

Biology

Office: Room 4318
Phone: (718) 489-5324

Chairperson
Dr. Allen Burdowski

Professors
Burdowski
Corrigan

Associate Professors
Lipson
Nolan

Laboratory Instructor
Callahan

Adjuncts
Johnson
Sharif

Department Mission

Biology is the study of living organisms at the molecular, microscopic, and systemic levels and deals with the interrelation of life forms and their environments. The emphasis of the department is to teach students classical biology and introduce students to molecular and cellular biology that are current and future areas of study in biology and medicine, giving students a foundation for understanding biotechnology of the 21st century. Students will be prepared for graduate study, professional training in the medical sciences and allied health fields, teaching, or employment in industry concerned with the biological sciences.

There is more to an undergraduate education than the traditional classroom experience. Biology majors are encouraged to consider the diverse opportunities available through field placements, internships, or semesters at other academic institutions, both domestic and abroad. Taking full advantage of these opportunities requires careful planning, and students are urged to discuss their plans and interests with their academic advisors early. It is also our goal to acquaint non-science students with the issues presented by both human biology and the physical environment.

The Biology department offers majors in Biology, Biomedical Science (dentistry and podiatric), Medical Technology, and Radiologic Sciences; Radiologic Sciences and Medical Technology are offered jointly with the St. Vincent's Catholic Medical Centers of New York (St. Francis College awards the B.S. degree). All programs are supervised by the SFC Biology department.

Goals and Objectives

- *Prepare Biology majors for the competitive world of doctoral-level sciences.*
- *Prepare future teachers and nurses with a solid background in modern biology.*
- *Give physical education majors a firm foundation in anatomy and physiology.*

Program Requirements

Major in Biology

The Biology curriculum is a four-year program introducing students to the major in the biological sciences as well as offering practical, hands-on experience in the laboratory. It is taught as pure science for the intellectual good of the student and the inherent importance of the matter. Students are trained in reflective thinking and sound judgment. The scientific method builds a foundation for graduate school and professional study, e.g., medical, dental, veterinary health fields, industrial research, and secondary school teaching. The program fosters and approaches significant contributions of biological scientists to humanity.

During the first year, student take chemistry and general biology courses emphasizing energetics, cellular biology, molecular biology, and genetics. The second semester emphasizes an evolutionary, ecological, and organismal approach to biology. During the first year, the student is encouraged to take IT 101 to gain the basic computer and analytical skills that are needed to analyze and present data. In addition, all students are required to take the math placement exam. Those students who do not test into calculus should see the department for guidance.

In second year, students study organic chemistry, basic cell biology, genetics, and other 200- or 300-level courses. Third-year students take physics, biochemistry, and cell and molecular biology. During the last year, students are encouraged to take electives in areas of interest. Students are also encouraged to undertake research early on in their education. All students are required to take a comprehensive exam in their senior year, the MFAT exam, administered twice a year. The student may substitute the GRE for the comprehensive exam.

The courses required for the major are BIO 103-104 General Biology; BIO 250 Introduction to Cell Biology, recommended in the semester following the completion of BIO 104; BIO 303 Genetics; BIO 503 Biology Seminar (must be taken senior year); and CHE 3001 Biochemistry, which must be taken junior year. Students interested in going on to medical school are encouraged to take MAT 203 Calculus II. Students interested in bioinformatics must take IT 104 Computer Programming. Students must choose at least one course listed under each of the three areas of concentration for their advanced biology classes.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	43-44		
➡Select the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I		MAT 107 or placement exam	
➡Select **ONE** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 203 Calculus II		MAT 202	
MAT 301 Statistics		MAT 104 or higher or placement exam	
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 250 Introduction to Cell Biology	4	BIO 104	CHE 2101
BIO 303 Genetics	4	BIO 104	
BIO 503 Biology Seminar	1	Biology major Senior standing	
Select **ONE** course from Group A below	4		
Select **ONE** course from Group B below	4		
Select **ONE** course from Group C on the next page	3-4		
Any BIO course	4		
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I	5	CHE 1202	
CHE 2102 Organic Chemistry II	5	CHE 2101	
CHE 3001 Biochemistry	4	CHE 2102	
PHY 2001 General Physics I	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Liberal Arts electives [1]	18		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Total credits required	**128-130**		

The successful completion of BIO 503 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] All majors are strongly encouraged to become conversant in a language other than English.

Group A —Population Biology Ecology and Evolution

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select **ONE** of the following courses	4		
BIO 203 Invertebrate Zoology		BIO 104	
BIO 204 Ecology		BIO 104	
BIO 280 Biological Evolution		BIO 104	
BIO 302 Botany		BIO 104	
Total credits required	**4**		

Group B—Molecular and Cellular Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select **ONE** of the following courses	4		
BIO 206 Histology		BIO 104	
BIO 310 Cell Biology		BIO 250 CHE 2102	
BIO 320 Molecular Biology		BIO 104 CHE 2102	
BIO 405 Immunology		BIO 310	
BIO 480 Bioinformatics		BIO 250 CHE 2102 IT 104	
Total credits required	**4**		

Group C—Organismal Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select **ONE** of the following courses	3-4		
BIO 202 Comparative Anatomy		BIO 104	
BIO 210 Developmental Biology		BIO 104	
BIO 301 Microbiology		BIO 104	
BIO 350 Physiology		BIO 104 CHE 2102	
BIO 403 Endocrinology		BIO 350	
BIO 409 Neurobiology		BIO 310	
BIO 420 Virology		BIO 301 CHE 2102	
BIO 450 Pharmacology		BIO 350	
Total credits required	**3-4**		

Major in Biomedical Science (Dentistry)

In a cooperative effort with the New York University College of Dentistry, the department has a Biomedical Science program that enables qualified students to complete a science-studies curriculum in three years and then make application to the New York University College of Dentistry. Upon completion of the first year of study at NYU, the student is awarded a B.S. in Biomedical Science from St. Francis College. After completion of the fourth year of study at NYU, the student is awarded the degree of Doctor of Dental Surgery (D.D.S.) from the NYU College of Dentistry. This curriculum can be completed in seven rather than eight years.

To be admitted to the dental college without the necessity of applying through the American Association of Dental School Application Services (AADSAS), students in this program must be recommended by St. Francis College, complete all prerequisite courses, have a GPA of 3.2 or better and take the DAT.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	43		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I		MAT 107 or placement by exam	
MAT 301 Statistics		MAT 104 or higher or placement by exam	
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 250 Introduction to Cell Biology	4	BIO 104	CHE 2101
BIO 303 Genetics	4	BIO 104	
BIO 320 Molecular Biology	4	BIO 104 CHE 2102	
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I	5	CHE 1202	
CHE 2102 Organic Chemistry II	5	CHE 2101	
CHE 3001 Biochemistry	4	CHE 2102	
PHY 2001 General Physics I	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Cooperative Training Program through New York University College of Dentistry	33		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Total credits required	**131**		

Major in Biomedical Science (Podiatric Medicine)

In cooperation with the New York College of Podiatric Medicine, the department has an accelerated Biomedical Science program, which enables highly qualified students to complete a science-studies curriculum in three years and then make application to the New York College of Podiatric Medicine. Upon completion of the first year of study at the New York College of Podiatric Medicine, the student is awarded a B.S. in Biomedical Science from St. Francis College. Then, after completing four years of study at the New York College of Podiatric Medicine, the student is awarded the degree of Doctor of Podiatric Medicine (D.P.M.) from the College of Podiatric Medicine. This curriculum can be completed in seven rather than eight years.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	43		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I		MAT 107 or placement by exam	
MAT 301 Statistics		MAT 104 or higher or placement by exam	
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 250 Introduction to Cell Biology	4	BIO 104	CHE 2101
BIO 303 Genetics	4	BIO 104	
BIO 320 Molecular Biology	4	BIO 104 CHE 2102	
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I	5	CHE 1202	
CHE 2102 Organic Chemistry II	5	CHE 2101	
CHE 3001 Biochemistry	4	CHE 2102	
PHY 2001 General Physics I	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Cooperative Training Program through New York College of Podiatric Medicine	33		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Total credits required	**131**		

Major in Medical Technology

The program in Medical Technology prepares the student for acceptance into New York Methodist Hospital or St. Vincent's Catholic Medical Centers of New York. Upon completion of clinical training, the student receives a B.S. in Medical Technology from St. Francis College and a certificate of program completion from the New York Methodist Hospital or the St. Vincent's Catholic Medical Centers of New York.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	43		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I		MAT 107 or placement by exam	
MAT 301 Statistics		MAT 104 or higher or placement exam	
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 301 Microbiology	4	BIO 104	
BIO 405 Immunology	4	BIO 310	
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I	5	CHE 1202	
CHE 2102 Organic Chemistry II	5	CHE 2101	
CHE 3001 Biochemistry	4	CHE 2102	
PHY 2001 General Physics I	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Cooperative Hospital Training	32		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	2		
Total credits required	**128**		

Major in Radiologic Sciences

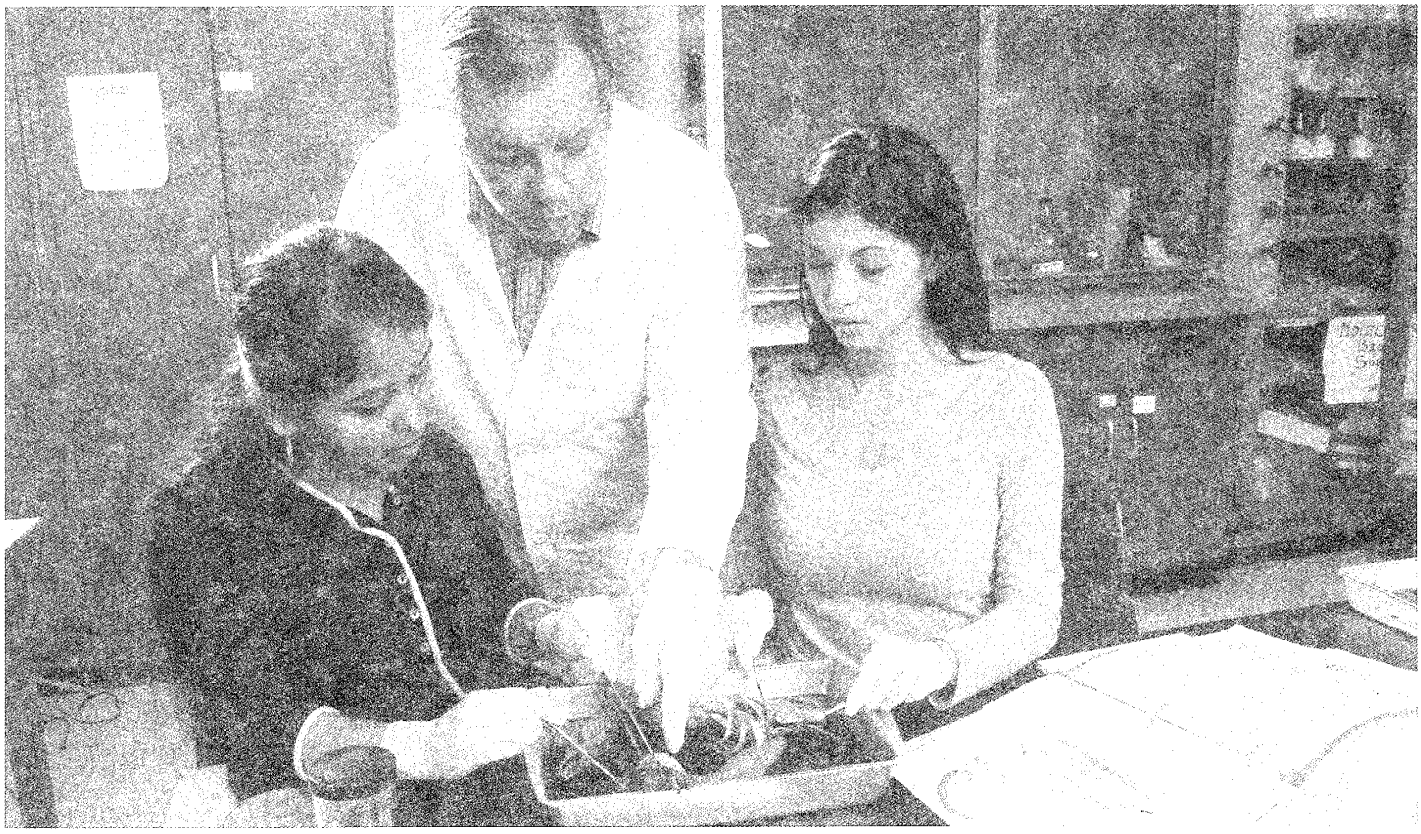
The program in Radiologic Sciences is offered jointly with the St. Vincent's Catholic Medical Centers of New York. The B.S. degree, awarded by St. Francis College, requires a total of 128 credits, 65 of which are earned at St. Francis.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	44		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 140 Anatomy and Physiology for Health Science I			
BIO 141 Anatomy and Physiology for Health Science II		BIO 140	
IT 101 Computer Tools	3		
Any MAT course	3		
PSY 100 General Psychology	3		
Radiologic Science credits at Catholic Medical Center	63		
Liberal Arts and Sciences	9		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Total credits required	**128**		

Minor in Biology

The minor in Biology is not intended as a preparation for graduate study, but it will reinforce the student's biological science background.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 250 Introduction to Cell Biology	4	BIO 104	CHE 2101
Select **TWO** BIO courses	6-8		
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
Total credits required	**28-30**		



Chemistry and Physics

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Chairperson
Dr. Evelyn A. Wolfe

Associate Professor
Wolfe

Assistant Professors
Davidson
Eaton

Professors Emeriti
Burke
Quigley

Adjuncts
Bass
Berge
Graves
Greening
Kahanda
Kreis
Liddicoat
Pesiri
Regan
Terebessy

Department Mission

Within the context of liberal education, the department provides courses to expose students to the information, knowledge, and methods that the physical sciences have to offer. In general, the purpose of the major is to prepare students for graduate and professional schools as well as for careers in the chemical or pharmaceutical industries. The department encourages Chemistry majors to develop specific career goals while pursuing their studies. Department advisors assist students in exploring career possibilities and in devising a personalized plan of study that will best prepare them for their career goals.

Goals and Objectives

- *Provide the necessary background in chemistry and physics for students in programs such as pre-medicine, pre-dentistry, Physician's Assistant, Biomedical Science, Medical Technology, Nursing, occupational therapy, diagnostic radiological science, and Biology.*
- *Engage in scientific inquiry including critical and logical thinking.*
- *Instruct students in correct laboratory procedures and assist them in developing an understanding of modern science and technology using state-of-the-art instrumentation.*
- *Provide non-science majors with the opportunity to acquire knowledge of materials and technology as explained through the physical sciences.*

Program Requirements

Major in Chemistry

The major in Chemistry provides student with excellent preparation for medical school and other professional schools, graduate studies, teaching, research, laboratory work, and a variety of other science-related opportunities.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	44		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I		MAT 107 or placement exam	
MAT 203 Calculus II		MAT 202	
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2050 Analytical Chemistry	4	CHE 1202	
CHE 2101 Organic Chemistry I	5	CHE 1202	
CHE 2102 Organic Chemistry II	5	CHE 2101	
CHE 2301 Inorganic Chemistry	3	Department approval	
CHE 3001 Biochemistry	4	CHE 2102	
CHE 4001 Physical Chemistry I	4	CHE 2102, MAT 203, PHY 2002	
CHE 4002 Physical Chemistry II	4	CHE 4001	
CHE 4050 Instrumental Methods of Analysis	4	CHE 4001	
CHE 4993 Chemical Research I	3	Department approval	
PHY 2001 General Physics I	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives [1]	19		
Total credits required	**128**		

[1] All majors are advised to gain computer and/or second language proficiency.

Major in Physician Assistant

Note: Transfer students and students admitted to the College with advanced academic standing should note that a minimum of 30 college credits, including at least one of the required science sequences (CHE 1201/CHE 1202 or BIO 103/BIO 104) must be taken at St. Francis College in order for students to participate in either the major in Physician Assistant or the Pre-Professional Physician Assistant Program. Other advanced transfer students are advised to apply independently to the PA programs at St. Vincent's or Downstate Medical Centers.

The program in Physician Assistant is offered jointly with the St. Vincent's Catholic Medical Centers of New York—Brooklyn and Queens Region. The B.S. degree, awarded by St. Francis College, requires a total of 142 credits, of which 82 are in the liberal arts and sciences provided by St. Francis College and 60 are in Physician Assistant credits provided by the Catholic Medical Centers. Physician Assistant program graduates are required to successfully complete the National Commission on Certification of Physician Assistant (NCCPA) Examination and to become registered to practice medicine as physician assistants in New York State.

Admission Requirements for Freshman Applicants

The St. Francis College—SVCMC Physician Assistant Program is highly competitive. Admission to the professional phase at SVCMC is currently limited. The College recommends that freshman applicants for the P.A. program have:

- A minimum high school average of 85
- A minimum combined SAT score of 1000
- Three years of high school laboratory science (including biology, chemistry and either physics or earth science)

The P.A. Program consists of the following three phases:

- Candidacy phase (Year 1 at St. Francis College)
- Pre-professional phase (Year 2 at St. Francis College)
- Professional phase (Years 3 and 4 at St. Vincent's Catholic Medical Center)

Courses in the P.A. program must be taken in the required sequence. Candidates must complete the program in four years (including summer sessions). During the candidacy phase (year 1), in addition to the required course work, the student is expected to complete 30 hours of volunteer or job-related health care experience. A student becomes a P.A. major officially when admitted into the pre-professional phase (year 2). Near the end of the candidacy year, the student must apply for admission and be accepted into the pre-professional phase of the P.A. program to be designated a major.

Criteria for admission to the pre-professional phase:

- Completion of all first-year required coursework.
- Cumulative GPA of 3.0 or higher as well as a GPA of 3.0 in required biology and chemistry coursework.
- The submission of two recommendations, one of which must be from a health professional.
- The submission of a written statement describing why the candidate wishes to become a physician assistant.

Successful completion of a personal interview by the College's Physician Assistant Admissions Committee. The committee's decision is based on an assessment of qualities such as integrity, emotional and intellectual maturity, and ability to communicate an understanding of the profession.

The professional phase (St. Vincent's Catholic Medical Centers, years 3 and 4): Admission into the professional phase is competitive. The St. Vincent's Catholic Medical Centers Admissions Committee may accept or reject applicants. The Committee bases its decision on the student's academic record, personal statement, results of a personal interview, and letters of recommendation.

Admission Requirements for Transfer Students and Students Wishing to Change Majors

- Cumulative GPA of 3.0 or higher and a science GPA of 3.0 that includes BIO 140, BIO 141, CHE 1201, and CHE 1202.
- Successful meeting of all of the pre-professional criteria.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	43		
➡Select **BOTH** of the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 107 Algebra and Trigonometry for Science Majors		MAT 105 or placement exam	
MAT 301 Statistics		MAT 104 or higher or placement exam	
➡Select the following course to satisfy the Liberal Arts core requirement			
PSY 100 General Psychology			
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 140 Anatomy and Physiology for Health Science I	4		
BIO 141 Anatomy and Physiology for Health Science II	4	BIO 140	
BIO 301 Microbiology	4	BIO 104	
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2001 Biochemical Science	4	CHE 1202	
Physician Assistant credits at St. Vincent's Catholic Medical Centers	60		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Total credits required	**140**		

Pre-Professional Physician Assistant Program

Through an affiliation agreement with the State University of New York Downstate Medical Center, the Chemistry and Physics department offers pre-professional education in the field of Physician Assistant. After completing two years of academic study at St. Francis College, the student commences clinical training at Downstate Medical Center. The baccalaureate degree is awarded by SUNY Downstate Medical Center.

Admission requirements for freshmen applicants, transfer students, and students wishing to change majors are the same as those listed above for the St. Francis College—SVCMC Physician Assistant Program. The SUNY Program is also highly competitive and limited. Minimal admission requirements for St. Francis College students transferring under the Articulation Agreement to the State University of New York Downstate Medical Center are a 3.0 quality-point index and satisfactory completion of 60 semester credits that include the course sequence below.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 301 Microbiology	4	BIO 104	
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
WRI 1100 Writing in the Public Sphere	3	Placement by exam	
Any AML, BRL, DRA, or LIT course 2100 or higher	3	WRI 1100	
MAT 107 Algebra and Trigonometry for Science Majors	4	MAT 105 or placement exam	
PSY 100 General Psychology	3		
Select **ONE** of the following courses	3		
PSY 203 Child and Adolescent Psychology			
PSY 208 Life-Span Development			
PSY 204 Developmental Psychology II: Adulthood and Aging	3		
Humanities/Social Sciences courses	12		
SFC 1001 Freshman Seminar	1		
Free electives	6		
Total credits required at St. Francis College	**60**		

Minor in Chemistry

The minor in Chemistry provides a systematic approach to the attainment of a strong background in the area.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I	5	CHE 1202	
CHE 2102 Organic Chemistry II	5	CHE 2101	
CHE 3002 Bio-Analytical Chemistry	4	CHE 2102 PHY 2002	
Total credits required	**22**		



Communication Arts

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Chairperson
Dr. Richard Berleth

Professors
Berleth
Jackson

Assistant Professor
Dugan

Professor Emerita
Vigliano

Adjuncts
Adrian
Doughty
Efteriades
Ferullo
Gewirtz
Grant
Moloney
Munroe
Sisson
Yannacañedo

Department Mission

The Communication Arts program aims to contribute significantly to a sound liberal arts education by offering students extensive training in oral communication and presentation skills. Communication Arts also offers a wide range of courses in advertising, film and broadcasting, voice, theater, and related areas. Majors choose from one of four concentrations: advertising and public relations, film and broadcasting, speech and theater, and English and Communications as they prepare for careers or graduate education. All majors, regardless of specialization, receive a degree in Communication Arts and all are encouraged to sample courses across the department's curriculum.

Goals and Objectives

- *Develop oral communication skills for success in college and career by exposing students to speech and voice training and interpersonal and small group exercises, with an emphasis on critical thinking and presentation dynamics.*
- *Instruct students in the methods and practices of modern media by requiring majors to complete courses in mass communication, persuasion, news writing, television production, film, and advertising with an emphasis on media's social and technological impact.*
- *Nurture creativity and develop critical standards through a sequence of hands-on courses stressing professional skills and practices. Writing for performance, acting, film and video production, directing, and advertising design aim to achieve this goal.*

Program Requirements

All majors in Communication Arts are required to complete a three-credit independent study course with a mentor of their choice. COM 510 (of which the group version is 511) must be completed with acceptance of a thesis paper, performance, and/or project by the close of the student's senior year. Research, analysis, and presentation must meet department standards for scholarship, methodology, and written expression. This senior thesis program does not replace independent study of specialized communication issues (COM 500) offered to upperclass majors within the department's concentrations.

Students with at least a 3.0 index are encouraged to seek internships in industries related to their concentration. Field Experience (COM 600) is open to students in their last three semesters of study and may be used to complete elective requirements. Interns are evaluated jointly by the department and outside professionals responsible for the interns' progress.

Major in Communication Arts—Concentration in Advertising/Public Relations

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
BUS 101 Organization and Management	3		
Select **ONE** of the following courses	3		
COM 205 Voice and Diction			
COM 301 Oral Interpretation		COM 203	
COM 302 Persuasion	3	COM 203	
Select **ONE** of the following courses	3		
COM 303 Interpersonal Communications		COM 203	
COM 503 Small Group Discussion		COM 203	
COM 304 Mass Communications	3		
Select **ONE** of the following courses	3		
COM 305 History of Film			
COM 306 Studies in Film			
COM 307 Advertising	3	COM 302 or COM 304	
COM 308 Television Studio Production	3	COM 304	
COM 310 News Writing	3	COM 302 or COM 304 WRI 1100	
COM 404 Acting I	3	COM 203	
COM 410 Writing for Performance	3	WRI 1100	
COM 411 Creative Advertising	3	COM 302 COM 304 COM 307	
COM 502 Public Relations in Modern Media	3	COM 302 COM 307 COM 310	
COM 510 Senior Comprehensive	3	Senior standing	
Select **ONE** of the following courses	3		
COM 309 Topics in Mass Communication		COM 304	
COM 560 History of Television		COM 304	
COM 570 Modern Radio		COM 304	
IT 101 Computer Tools	3		
MKT 201 Marketing	3	BUS 101	
Select **ONE** of the following courses	3		
MKT 202 Marketing Management		MKT 201	
MKT 307 Advertising and Sales Promotion		MKT 201	
MKT 316 Merchandising		MKT 201	
MKT 330 International Marketing		MKT 201	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	30		
Total credits required	**129**		

The successful completion of COM 510 or COM 511 satisfies the College's Comprehensive Examination/Thesis requirement.

Major in Communication Arts—Concentration in English and Communications

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
COM 205 Voice and Diction	3		
COM 301 Oral Interpretation	3	COM 203	
COM 302 Persuasion	3	COM 203	
COM 304 Mass Communications	3		
Select **ONE** of the following courses	3		
COM 305 History of Film			
COM 306 Studies in Film			
Select **ONE** of the following courses	3		
COM 310 News Writing		COM 302 or COM 304	WRI 1100
COM 410 Writing for Performance		WRI 1100	
COM 401 Basic Film and Video Production	3	COM 305 or COM 306	
COM 405 Global Communications	3	COM 304	
Select **ONE** of the following courses	3		
COM 404 Acting I		COM 203	
COM 409 Directing		COM 401	
American Literature Gateway (AML 2100-2199)	3	WRI 1100	
American Literature Gateway (AML 2200-2299)	3	AML 2100-2199	
British Literature Gateway (BRL 2100-2199)	3	WRI 1100	
British Literature Gateway (BRL 2200-2299)	3	BRL 2100-2199	
International Literature Gateway (LIT 2100-2199)	3	WRI 1100	
Any AML, BRL, DRA, or LIT course 3000 or higher	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
Select **TWO** ENG courses 4000-4399	6	Five AML, BRL, DRA, or LIT courses 2100-2199	
ENG 4997 Senior Thesis	3	Two ENG courses 3000 or higher Department approval	
Select **TWO** foreign language courses in sequence	6		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	24		
Total credits required	129		

The successful completion of ENG 4997 satisfies the College's Comprehensive Examination/Thesis requirement.

Major in Communication Arts—Concentration in Film and Broadcasting

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
Select ONE of the following courses	3		
COM 205 Voice and Diction			
COM 301 Oral Interpretation		COM 203	
COM 302 Persuasion	3	COM 203	
Select ONE of the following courses	3		
COM 303 Interpersonal Communications		COM 203	
COM 503 Small Group Discussion		COM 203	
COM 304 Mass Communications	3		
Select ONE of the following courses	3		
COM 305 History of Film			
COM 306 Studies in Film			
COM 307 Advertising	3	COM 302 or COM 304	
COM 308 Television Studio Production	3	COM 304	
COM 310 News Writing	3	COM 302 or COM 304 WRI 1100	
COM 401 Basic Film and Video Production	3	COM 305 or COM 306	
Select ONE of the following courses	3		
COM 402 Advanced Film and Video Production		COM 401	
COM 501 Documentary Film and Video Workshop		COM 401	
COM 403 Film Criticism	3	COM 305 or COM 306	
COM 404 Acting I	3	COM 203	
COM 409 Directing	3	COM 401	
COM 410 Writing for Performance	3	WRI 1100	
COM 510 Senior Comprehensive	3	Senior standing	
Select ONE of the following courses	3		
COM 309 Topics in Mass Communication		COM 304	
COM 560 History of Television		COM 304	
COM 570 Modern Radio		COM 304	
IT 101 Computer Tools	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	33		
Total credits required	**129**		

The successful completion of COM 510 or COM 511 satisfies the College's Comprehensive Examination/Thesis requirement.

Major in Communication Arts—Concentration in Speech and Theater

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
COM 205 Voice and Diction	3		
COM 301 Oral Interpretation	3	COM 203	
COM 302 Persuasion	3	COM 203	
COM 303 Interpersonal Communications	3	COM 203	
COM 304 Mass Communications	3		
Select **ONE** of the following courses	3		
COM 305 History of Film			
COM 306 Studies in Film			
COM 308 Television Studio Production	3	COM 304	
COM 310 News Writing	3	COM 302 or COM 304 WRI 1100	
COM 401 Basic Film and Video Production	3	COM 305 or COM 306	
COM 404 Acting I	3	COM 203	
COM 407 Acting II	3	COM 404	
COM 409 Directing	3	COM 401	
COM 410 Writing for Performance	3	WRI 1100	
COM 503 Small Group Discussion	3	COM 203	
COM 505 Theater Production Workshop	3	COM 404	
COM 510 Senior Comprehensive	3	Senior standing	
IT 101 Computer Tools	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	33		
Total credits required	**129**		

The successful completion of COM 510 or COM 511 satisfies the College's Comprehensive Examination/Thesis requirement.

Minor in Communications

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
COM 203 Fundamentals of Speech	3		
COM 302 Persuasion	3	COM 203	
Select **THREE** of the following courses	9		
COM 303 Interpersonal Communications		COM 203	
COM 304 Mass Communications			
COM 305 History of Film			
COM 306 Studies in Film			
COM 307 Advertising		COM 302 or COM 304	
COM 309 Topics in Mass Communication		COM 304	
COM 404 Acting I		COM 203	
COM 407 Acting II		COM 404	
COM 502 Public Relations in Modern Media		COM 302 COM 307 COM 310	
Total credits required	**15**		

Economics

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Chairperson
Dr. Paddy Quick

Professor
Quick

Assistant Professor
Tabrizi

Adjuncts
Clement
Kalmans
Khemraj
Poma

Department Mission

The Economics major opens the door to a wide range of careers in business, finance, and public policy. Economics majors enjoy the benefits of a broad liberal arts education, allowing students the flexibility needed to advance in today's rapidly changing job market. In addition, students have the opportunity for more specialized training in finance, international economics, or public policy. Economics is also an appropriate major for students interested in pursuing graduate studies, not only in economics but also in business, law, and public administration.

Goals and Objectives

- *Provide students with a solid understanding of the principles of economics and the ability to apply these principles to real-world situations.*
- *Enable students to understand their own roles in the domestic and international economy and the social responsibilities that these roles entail.*
- *Familiarize students with the magnitude of current economic variables and develop their ability to interpret economic statistics.*
- *Make students aware of the role that different economic theories and different economic interests play in disagreements over economic policy.*



Program Requirements

Major in Economics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
MAT 110 Mathematics for Managerial Science II		MAT 109	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
ECO 3313 Applied Statistics for Economics	3	ECO 1201 MAT 301	
ECO 4406 Development of Economic Thought	3	ECO 2202 ECO 2306 Senior standing	
ECO 4998 Seminar in Economics	3	ECO 2202 ECO 2306 ECO 3313 Senior standing	
Select **SIX** ECO courses	18		
Select **ONE** of the following four groups	6-8		
Group A—Select **TWO** ACC courses in sequence [1]			
Group B—Select **TWO** IT courses in sequence			
Group C—Select **TWO** MGT courses in sequence			
Group D—Select **BOTH** of the following courses			
ICS 240 Peoples/Cultures of the Contemporary World I			
ICS 241 Peoples/Cultures of the Contemporary World II			
Select **ANY TWO** HIS, PSC, SOC, or foreign language courses in sequence	6		
IT 101 Computer Tools	3		
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
PSC 2404 Government and Business: 1865–Present	3	24 college credits	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	24-26		
Total credits required	**128**		

The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] Students who elect Accounting courses (ACC) will have fewer free electives.

Major in Economics—Concentration in Finance

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
MAT 110 Mathematics for Managerial Science II		MAT 109	
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
ECO 3313 Applied Statistics for Economics	3	ECO 1201 MAT 301	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
Select **TWO** of the following courses	6		
ECO 3332/FIN 302 Managerial Finance		ECO 3331/FIN 301 MAT 109	
ECO 3333/FIN 312 Security Analysis		ECO 3331/FIN 301 MAT 109	
ECO 3334/FIN 334 Government Finance		ECO 3331/FIN 301 MAT 109	
ECO 4433/FIN 412 Portfolio Management		ECO 3331/FIN 301 MAT 109	
ECO 4406 Development of Economic Thought	3	ECO 2202 ECO 2306 Senior standing	
ECO 4998 Seminar in Economics	3	ECO 2202 ECO 2306 ECO 3313 Senior standing	
Select **THREE** ECO courses	9		
Select **ANY TWO** HIS, PSC, SOC, or foreign language courses in sequence	6		
IT 101 Computer Tools	3		
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
PSC 2404 Government and Business: 1865–Present	3	24 college credits	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	24		
Total credits required	**128**		

The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

Major in Economics—Concentration in International Economics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
MAT 110 Mathematics for Managerial Science II		MAT 109	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
ECO 3304 Economics of Less Developed Countries	3	ECO 1201	
ECO 3305/ICS 305 European Economies	3	ECO 1201	
ECO 3313 Applied Statistics for Economics	3	ECO 1201 MAT 301	
ECO 4403 International Economics, Trade, and Finance	3	ECO 2306 Junior standing	
ECO 4406 Development of Economic Thought	3	ECO 2202 ECO 2306 Senior standing	
ECO 4998 Seminar in Economics	3	ECO 2202 ECO 2306 ECO 3313 Senior standing	
Select **THREE** ECO courses	9		
Select **ANY TWO** HIS, PSC, SOC, or foreign language courses in sequence (choose courses relating to countries other than the U.S.)	6		
ICS 240 Peoples/Cultures of the Contemporary World I	3		
ICS 241 Peoples/Cultures of the Contemporary World II	3		
IT 101 Computer Tools	3		
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
PSC 2404 Government and Business: 1865–Present	3	24 college credits	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	27		
Total credits required	**129**		

The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

Major in Economics—Concentration in Public Policy

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
MAT 110 Mathematics for Managerial Science II		MAT 109	
BUS 101 Organizational Management	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
Select **THREE** of the following courses	9		
ECO 3302 Economic Development of the United States		ECO 1201	
ECO 3307 Environmental Economics		ECO 1201	
ECO 3308 Urban Economics		ECO 1201	
ECO 3309 Labor Economics		ECO 1201	
ECO 3310 Health Economics		ECO 1201	
ECO 3319 The Economics of Discrimination		ECO 1201	
ECO 3340 Gender and the Economy		ECO 1201	
ECO 3313 Applied Statistics for Economics	3	ECO 1201 MAT 301	
ECO 4406 Development of Economic Thought	3	ECO 2202 ECO 2306 Senior standing	
ECO 4998 Seminar in Economics	3	ECO 2202 ECO 2306 ECO 3313 Senior standing	
Select **THREE** ECO courses	9		
HR 201 Management Theory and Practice	3	BUS 101	
IT 101 Computer Tools	3		
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
Select **ONE** of the following courses	3		
PSC 2304 State and Local Government		15 college credits	
PSC 2306 Metropolitan Government and Politics		15 college credits	
PSC 2309 Public Administration		PSC 1204	
PSC 2404 Government and Business: 1865–Present	3	24 college credits	
Select **ONE** of the following courses	3		
CJ 2070/SOC 2070 Sociology of Minority Groups		CJ 1020/SOC 1020 SOC 1000	
SOC 2000 Social Problems		SOC 1000	
SOC 3040 Complex Organizations: Structure and Process		SOC 1000	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	27		
Total credits required	**129**		

The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

Minor in Economics

An Economics minor provides an introduction to the basic principles of economics, an opportunity to explore their application to contemporary issues, and a valuable supplement to the educational experience of students in both the professional and liberal arts majors.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
Select **THREE** ECO courses [1]	9		
Total credits required	**18**		

[1] Appropriate choices for ECO courses varies by the student's major:

- For Accounting majors, ECO 3331/FIN 301 may not be used to satisfy this requirement.
- For Management majors, ECO 3331/FIN 301 may not be used to satisfy this requirement. The second FIN course may be used to fulfill the finance requirement of the management major.
- For all other majors, any ECO course 3000 or higher may be used to satisfy this requirement.

Education

Office: Room 5311
Phone: (718) 489-5282

Chairperson
Dr. Robert Muccigrosso

Professor
Muccigrosso

Associate Professors
Giaquinto
Verna

Instructor
Dixon

Professor Emeritus
Healy

Adjuncts
Quigley
Riqueros

Department Mission

The Education department prepares teachers committed to the values of academic excellence, freedom, tolerance, and respect for diversity. A strong liberal arts core curriculum and a concentration in a liberal arts area provide the foundations upon which these pedagogical studies build.

Goals and Objectives

The goals of the St. Francis Teacher Education program are to prepare teachers for who are:

- *Familiar with the New York State Learning Standards and New York City in the appropriate areas of liberal arts concentration.*
- *Familiar with current research and practices in education and their content area.*
- *Disposed to be reflective, ethical, and caring learners who strive for subject mastery and excellence in teaching.*
- *Models of active, informed citizenship, including lifelong learning.*
- *Committed to continually increasing their knowledge of content and pedagogy.*
- *Determined to create a classroom environment where learning and respect for individual diversity are priorities.*
- *Effective communicators to learners, parents, peers, and community members.*
- *Advocates for systems thinking and integrated learning within high need schools serving at-risk populations.*

The College also seeks to prepare Education department graduates to meet the standards set by the New York State Board of Regents:

- *All students will meet high standards.*
- *All educational institutions will meet high performance standards.*
- *The public will be served by qualified, ethical professionals who remain current and reflect the diversity of New York State.*

The goals of the St. Francis Physical Education Program are to prepare teachers who are:

- *Familiar with the New York State Learning Standards and New York City commencement outcomes in Physical Education.*
- *Familiar with current research and practices in Physical Education.*
- *Disposed to be reflective, caring learners who strive for excellence in teaching.*
- *Models of health and fitness and active, informed citizens including lifelong learning.*
- *Committed to continually increasing their knowledge of content and pedagogy.*
- *Determined to create a classroom environment where health, fitness, and good sportsmanship is a priority.*
- *Effective communicators to learners, parents, and peers.*
- *Advocates for health, fitness, systems thinking, and integrated learning.*

Certificate Programs

All Education programs lead to initial state teaching certification. In addition to the core curriculum and prescribed pedagogical coursework, majors in Childhood Education must complete a concentration in Biology, English, Mathematics, or Social Studies, including a minimum of 30 credits with an index of *B* or better (credit requirements in the liberal arts area of concentration may vary from subject area to subject area). Adolescent Education majors must complete a liberal arts concentration in Biology, Chemistry, English, Mathematics, or Social Studies. Physical Education Majors must complete prescribed coursework in Physical Education in addition to the core curriculum and prescribed pedagogical coursework.

Admission Requirements

A declaration of intent to apply for the certificate program may be submitted after:

- Completion of at least 24 St. Francis College credits with a grade of 2.75 or higher;
- An earned quality-point index of at least 2.75;
- Completion of ED 201 and ED 202/PSY 230 and all courses in the academic major with a St. Francis College quality-point index of 3.0 or higher;
- A quality-point index of 3.0 or higher in academic major courses.

Formal acceptance into the certificate program requires a satisfactory essay, portfolio of essays, and an oral screening assessment. Please discuss these requirements with an advisor from the Education department. Appointments for program admission interviews should be made with the department Chairperson after the student completes the above requirements.

Advisement

Certificate courses require the approval of the Chairperson or a designated faculty advisor. A quality-point index of at least 2.75 is

required to remain in the program. Candidates interested in pursuing teacher certification may refer to the NYSED website: www.highered.nysed.gov/tcert/certifcate/req.

Advisement for courses and sequences is determined by program advisors in the Education department.

Students who successfully complete their approved Teacher Education program with an index of 3.0 or higher in their pedagogical and area of liberal arts concentration will be recommended for a NYSED Initial Certification by the Department of Teacher Education. To earn this recommendation, candidates must also pass the three New York State Certification Examinations (LAST, ATS-W, and CST) and receive certificates of completion in approved day-long, non-credit courses in:

- Identification and Prevention of Child Abuse
- Conflict Resolution and Prevention of School Violence (students may opt for SOC 2080 to satisfy this requirement)
- Identification and Prevention of Substance Abuse

In the 2002–03 program year, 89 percent of Education program completers seeking New York State certification passed the qualifying exams.

Field Experience

All Education courses require five hours of field experience for each credit earned. A two-credit course requires 10 hours; a three-credit course requires 15 hours. Field experience hours may not be combined. Students may enroll in ED 405 or PE 450 if unable to meet field experience portion of the previous education courses. Total credits for each of the following programs will increase by one, two, or three credits if ED 405 or PE 450 is elected.

Program Requirements

Major in Adolescence Education—Concentration in Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	43-44		
➡Select the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I		MAT 107 or placement exam	
➡Select ONE of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 203 Calculus II		MAT 202	
MAT 301 Statistics		MAT 104 or higher or placement exam	
➡Select the following course to satisfy the Liberal Arts core requirement			
PSY 203 Child and Adolescent Psychology			
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 The Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
AED 301 Methods and Strategies of Secondary Education	3		
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
AED 420 Special Methods of Secondary Reading Instruction	3	AED 301 ED 402	
AED 426 Special Methods of Secondary Biology	3	AED 301 ED 402	
Select TWO foreign language courses in sequence	6		
IT 101 Computer Tools	3		
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 204 Ecology	4	BIO 104	
BIO 250 Introduction to Cell Biology	4	BIO 104	CHE 2101
BIO 303 Genetics	4	BIO 104	
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2101 Organic Chemistry I	5	CHE 1202	
CHE 2102 Organic Chemistry II	5	CHE 2101	
PHY 2001 General Physics I	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Total credits required	**130-131**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

Major in Adolescence Education—Concentration in Chemistry

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	44		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 202 Calculus I		MAT 107 or placement by exam	
MAT 203 Calculus II		MAT 202	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 The Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
AED 301 Methods and Strategies of Secondary Education	3		
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
AED 420 Special Methods of Secondary Reading Instruction	3	AED 301 ED 402	
AED 427 Special Methods of Secondary Chemistry	3	AED 301 ED 402	
Select **TWO** foreign language courses in sequence	6		
IT 101 Computer Tools	3		
PSY 203 Child and Adolescent Psychology	3		
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2050 Analytical Chemistry	4	CHE 1202	
CHE 2101 Organic Chemistry I	5	CHE 1202	
CHE 2102 Organic Chemistry II	5	CHE 2101	
CHE 3001 Biochemistry	4	CHE 2102	
PHY 2001 General Physics I	4	MAT 202	
PHY 2002 General Physics II	4	PHY 2001	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Total credits required	**130**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

Major in Adolescence Education—Concentration in English

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select the following course to satisfy the English Literature core requirement			
American Literature Gateway (AML 2100-2199)		WRI 1100	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 The Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
AED 301 Methods and Strategies of Secondary Education	3		
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
AED 420 Special Methods of Secondary Reading Instruction	3	AED 301 ED 402	
AED 422 Special Methods of Secondary English	3	AED 301 ED 402 English department approval	
Select **TWO** foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select **TWO** Natural Science courses	6		
PSY 203 Child and Adolescent Psychology	3		
American Literature Gateway (AML 2200-2299)	3	AML 2100-2199	
British Literature Gateway (BRL 2100-2199)	3	WRI 1100	
British Literature Gateway (BRL 2200-2299)	3	BRL 2100-2199	
International Literature Gateway (LIT 2100-2199)	3	WRI 1100	
Select **FOUR** AML, BRL, DRA, or LIT courses 3000 or higher	12	Any AML, BRL, DRA, or LIT course 2000 or higher	
Any ENG course 4000-4399	3	Five AML, BRL, DRA, or LIT courses 2100-2199	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	12		
Total credits required	**129**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

Major in Adolescence Education—Concentration in Mathematics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	44		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
PHY 2001 General Physics I		MAT 202	
PHY 2002 General Physics II		PHY 2001	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 The Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
AED 301 Methods and Strategies of Secondary Education	3		
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
AED 420 Special Methods of Secondary Reading Instruction	3	AED 301 ED 402	
AED 423 Special Methods of Secondary Mathematics	3	AED 301 ED 402 Mathematics department approval	
Select **TWO** foreign language courses in sequence	6		
IT 101 Computer Tools	3		
PSY 203 Child and Adolescent Psychology	3		
MAT 202 Calculus I	4	MAT 107 or placement exam	
MAT 203 Calculus II	4	MAT 202	
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
MAT 304 Calculus III	4	MAT 203	
MAT 312 Linear Algebra	4	MAT 203	
MAT 401 Differential Equations I	3	MAT 203	
MAT 403 Advanced Calculus I	4	MAT 304	
MAT 404 Advanced Calculus II	4	MAT 403	
MAT 409 Modern Algebra	3	MAT 304	
MAT 415 Probability Theory	3	MAT 304	
Select **TWO** MAT courses 300 or higher, excluding MAT 301	6		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Total credits required	**128**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

Major in Adolescence Education—Concentration in Social Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 The Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
AED 301 Methods and Strategies of Secondary Education	3		
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
AED 420 Special Methods of Secondary Reading Instruction	3	AED 301 ED 402	
AED 425 Special Methods of Secondary Social Studies	3	AED 301 ED 402	
Select **TWO** foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select **TWO** Natural Science courses	6		
PSY 203 Child and Adolescent Psychology	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
HIS 1101 Survey of Western Civilization (to 1500)	3		
HIS 1102 Survey of Western Civilization (since 1500)	3		
HIS 3401 History of the U.S.: The Age of Discovery–1789	3	HIS 1201	
HIS 3402 History of the United States: 1789–1896	3	HIS 1201	
Select **ONE** of the following courses	3		
HIS 3307 American Minorities		HIS 1201	
HIS 3311 African-American History		HIS 1201	
Select **ONE** of the following courses	3		
HIS 2303/PSC 2312 The World in the 20th Century		HIS 1201 or 15 college credits	
HIS 2320-2323/PSC 2320-2323 Current Problems		HIS 1201 or 15 college credits	
HIS 3310 Latin-American History		HIS 1201	
PSC 2317 Government and Politics of Africa		PSC 1202	
PSC 2318 Government and Politics of Asia		PSC 1202	
SOC 2040 Social Anthropology		SOC 1000	
PSC 1202 Introduction to Political Science—Scope and Method	3		
PSC 2304 State and Local Government	3	15 college credits	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	9		
Total credits required	**129**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

Major in Childhood Education—Concentration in Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 107 Algebra and Trigonometry for Science Majors		MAT 105 or placement exam	
MAT 301 Statistics		MAT 104 or higher or placement exam	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
CED 303 Effective Teaching Methods/Strategies	3	ED 201 with a grade of *B* or higher; ED 202 with a grade of *B* or higher; Department approval	
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher; ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
CED 410 Introduction to Reading Instruction	3	CED 303; ED 402; IT 101	
CED 411 Teaching Elementary Reading: Models and Strategies	3	CED 410	
CED 419 Writing Instruction in Elementary Schools	3	CED 303; ED 402	
CED 421 Math and Science Childhood Education	3	CED 303; ED 402; Cumulative index 2.75 or higher	
CED 432 Social Studies and Geography in Childhood Education	3	CED 303; ED 402	
Select **TWO** foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select **ONE** of the following courses	3		
PSY 203 Child and Adolescent Psychology			
WRI 1500 Advanced Composition		WRI 1100	
BIO 103 General Biology I	5		CHE 1201
BIO 104 General Biology II	5	BIO 103	CHE 1202
BIO 204 Ecology	4	BIO 104	
BIO 250 Introduction to Cell Biology	4	BIO 104	CHE 2101
BIO 303 Genetics	4	BIO 104	
CHE 1201 General Chemistry I	4		MAT 107 or exam
CHE 1202 General Chemistry II	4	CHE 1201	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	6		
Total credits required	**129**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

Major in Childhood Education—Concentration in English

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 103 Foundations of Mathematics		MAT 050 or placement exam	
MAT 104 Discrete Mathematics		MAT 050 or placement exam	
➡Select the following course to satisfy the English Literature core requirement			
American Literature Gateway (AML 2100-2199)		WRI 1100	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
CED 303 Effective Teaching Methods/Strategies	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher Department approval	
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
CED 410 Introduction to Reading Instruction	3	CED 303 ED 402 IT 101	
CED 411 Teaching Elementary Reading: Models and Strategies	3	CED 410	
CED 419 Writing Instruction in Elementary Schools	3	CED 303 ED 402	
CED 421 Math and Science Childhood Education	3	CED 303 ED 402 Cumulative index 2.75 or higher	
CED 432 Social Studies and Geography in Childhood Education	3	CED 303 ED 402	
Select **TWO** foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select **TWO** Natural Science courses	6		
Select **ONE** of the following courses	3		
PSY 203 Child and Adolescent Psychology			
WRI 1500 Advanced Composition		WRI 1100	
American Literature Gateway (AML 2200-2299)	3	AML 2100-2199	
British Literature Gateway (BRL 2100-2199)	3	WRI 1100	
British Literature Gateway (BRL 2200-2299)	3	BRL 2100-2199	
Select **TWO** AML, BRL, DRA, or LIT courses 3000 or higher	6	Any AML, BRL, DRA, or LIT course 2000 or higher	
Any ENG course 4000-4399	3	Five AML, BRL, DRA, or LIT courses 2100-2199	
Liberal Arts electives	6		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	6		
Total credits required	**129**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

Major in Childhood Education—Concentration in Mathematics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	44		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
PHY 2001 General Physics I		MAT 202	
PHY 2002 General Physics II		PHY 2001	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
CED 303 Effective Teaching Methods/Strategies	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher Department approval	
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
CED 410 Introduction to Reading Instruction	3	CED 303 ED 402 IT 101	
CED 411 Teaching Elementary Reading: Models and Strategies	3	CED 410	
CED 419 Writing Instruction in Elementary Schools	3	CED 303 ED 402	
CED 421 Math and Science Childhood Education	3	CED 303 ED 402 Cumulative index 2.75 or higher	
CED 432 Social Studies and Geography in Childhood Education	3	CED 303 ED 402	
Select **TWO** foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select **ONE** of the following courses	3		
PSY 203 Child and Adolescent Psychology			
WRI 1500 Advanced Composition		WRI 1100	
MAT 103 Foundations of Mathematics [2]	3	MAT 050 or placement exam	
MAT 104 Discrete Mathematics [2]	3	MAT 050 or placement exam	
MAT 105 College Algebra [2]	3	MAT 070 or placement exam	
MAT 107 Algebra and Trigonometry for Science Majors	4	MAT 105 or placement exam	
MAT 202 Calculus I	4	MAT 107 or placement exam	
MAT 203 Calculus II	4	MAT 202	
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
Select **TWO** of the following courses	6-7		
MAT 309 College Geometry		MAT 107	
MAT 312 Linear Algebra		MAT 203	
MAT 406 Theory of Numbers		MAT 202	
MAT 500 Independent Study in Mathematics [3]		Senior standing Major in Mathematics or Mathematics Education Chairperson's approval	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	3		
Total credits required	**128-129**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

[2] Students who pass the placement test for MAT 105 must select three different MAT courses to replace MAT 103, MAT 104, and MAT 105. Consult the Chairperson of the Education department for guidance.

[3] Students in the Childhood Education program who elect MAT 500 must take this independent study for 3 credits.

Major in Childhood Education—Concentration in Social Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select BOTH of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 103 Foundations of Mathematics		MAT 050 or placement exam	
MAT 104 Discrete Mathematics		MAT 050 or placement exam	
➡Select ONE of the following courses to satisfy the Liberal Arts core requirement			
PSY 203 Child and Adolescent Psychology			
WRI 1500 Advanced Composition		WRI 1100	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
ED 204/PSY 333 Psychology of the Exceptional Child	3	Cumulative index 2.75 or higher	
CED 303 Effective Teaching Methods/Strategies	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher Department approval	
ED 402/PSY 231 Assessment and Evaluation	3	ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher	
ED 404 Supervised Student Teaching	6	Department approval	
ED 405 Extended Field Experience [1]	1-3	Department approval	
CED 410 Introduction to Reading Instruction	3	CED 303 ED 402 IT 101	
CED 411 Teaching Elementary Reading: Models and Strategies	3	CED 410	
CED 419 Writing Instruction in Elementary Schools	3	CED 303 ED 402	
CED 421 Math and Science Childhood Education	3	CED 303 ED 402 Cumulative index 2.75 or higher	
CED 432 Social Studies and Geography in Childhood Education	3	CED 303 ED 402	
Select TWO foreign language courses in sequence	6		
IT 101 Computer Tools	3		
Select TWO Natural Science courses	6		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
HIS 1101 Survey of Western Civilization (to 1500)	3		
HIS 1102 Survey of Western Civilization (since 1500)	3		
HIS 3401 History of the U.S.: The Age of Discovery–1789	3	HIS 1201	
HIS 3402 History of the United States: 1789–1896	3	HIS 1201	
Select ONE of the following courses	3		
HIS 3307 American Minorities		HIS 1201	
HIS 3311 African-American History		HIS 1201	
Select ONE of the following courses	3		
HIS 2303/PSC 2312 The World in the 20th Century		HIS 1201 or 15 college credits	
HIS 2320-2323/PSC 2320-2323 Current Problems		HIS 1201 or 15 college credits	
HIS 3310 Latin-American History		HIS 1201	
PSC 2317 Government and Politics of Africa		PSC 1202	
PSC 2318 Government and Politics of Asia		PSC 1202	
SOC 2040 Social Anthropology		SOC 1000	
PSC 1202 Introduction to Political Science—Scope and Method	3		
PSC 1204 American National Government	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	3		
Total credits required	**129**		

The successful completion of ED 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience and ED 405 at the beginning of this section.

Physical Education—Initial Certificate (Grades K-12)

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	44		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 107 Anatomy and Physiology I			
BIO 108 Anatomy and Physiology II		BIO 107	
ED 201 Foundations of Education: History and Philosophy	3	Cumulative index 2.75 or higher	
ED 202/PSY 230 Educational Psychology	3	Cumulative index 2.75 or higher	
Select **ONE** of the following courses	3		
AED 301 Methods and Strategies of Secondary Education			
CED 303 Effective Teaching Methods/Strategies		ED 201 with a grade of *B* or higher ED 202 with a grade of *B* or higher Department approval	
CHE 1101 Chemistry for Life	4	MAT 050 or placement exam	
Select **TWO** foreign language courses in sequence	6		
HS 206 Safety and First Aid	3		
HS 207 Nutrition	3		
IT 101 Computer Tools	3		
PE IX Fitness Education and Assessment	2		
Select **THREE** of the following courses	6		
PE I Skills Activities I			
PE II Skills Activities II			
PE III Skills Activities III			
PE VI Skills Activities VI			
PE VII Skills Activities VII			
PE X Advanced Skills X			
PE 211 Movement Education and PE in Elementary Schools			
Select **ONE** of the following courses	2		
FIT 121 Beginning Swimming			
FIT 123 Fitness Swimming			
PE 208 Kinesiology	3	BIO 108 CHE 1101	
PE 209 Biomechanics	2	PE 208	
PE 301 History and Principles of Physical Education	2		
PE 302 Adapted Physical Education	3	PE 208 PE 308	
PE 304 Organization and Administration of Physical Education	2	Any Skills Activities course or department approval	
PE 305 Physiology of Exercise	3	BIO 108 CHE 1101	
PE 308 Motor Learning	3		
PE 316 Psychology of Sport	3		
PE 322 Introduction to Legal Issues	3		
PE 401 Curriculum and Methods of Instruction in PE K-12	3	AED 301 or CED 303 Senior standing	
PE 402 Evaluation of Physical Education	3	ED 201 ED 202 Any Skills Activities course	
PE 404 Supervised Student Teaching in Physical Education	6	PE 401 PE 402 Department approval	
PE 450 Field Experience in Physical Education	2	Department approval	
PSY 203 Child and Adolescent Psychology	3		
FIT 102 or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	3		
Total credits required	**129**		

The successful completion of ED 404 or PE 404 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] See note regarding Field Experience, ED 405, and PE 450 at the beginning of this section.

English

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A. Edward Wesley, O.S.F., Ph.D.

Associate Professors
Franklin
Tague
Wesley

Assistant Professors
Devlin
Maloney
Smith

Adjuncts
Albrecht
Aldrich
Barranca
Claro
Hafker
Hyatt
Kustanovich
Levenberg
Lynch-Barricelli
Marino
Masselli
Mescall
Niklaus
O'Brien
Paccione
Quinn
Riedel
Rowley
Sheehan
Tyrell
Williams

Department Mission

The English department recruits, supports, and retains faculty members who are active scholars and accomplished instructors to pursue a study and a discussion of humane ideas as they are found in the literature and culture of societies where English is the dominant or colonizing language. By association and membership in professional organizations, English faculty regularly participate in and contribute to the wider community of scholarship, research, and pedagogical theory in the disciplines of literature, writing, and cultural studies. We seek to serve the larger academic community and the local Brooklyn community through event programming and collaborative projects.

We provide our students with an education of the highest quality in American and British literature and cultural studies. In writing, we integrate breadth with depth, recognizing tradition's place in contemporary expression. We look to have our students become independent, self-motivated learners, confident in their research and synthesizing skills. We attract students from diverse geographical, professional, racial, and ethnic backgrounds; we encourage minority and foreign applicants as well as returning and adult learners.

Goals and Objectives

- *Develop student writing using sound organization, clarity, forceful energetic prose, and critical thinking.*
- *Introduce students to literature and practice through careful, critical reading.*
- *Develop a historical and cultural sense of literature along with literary theory and critical methods necessary in the discipline.*

Program Requirements

Major in English

English majors are provided skills for a variety of positions in business, research, education, publishing, finance, and financial institutions as well as in cultural, entertainment, communications, and the health-care industries. English offers a strong background for pre-law study. English majors may seek careers in publishing, public relations, advertising, media, or teaching. Occupations to be considered are copywriter, columnist, commentator, critic, editor, production assistant, public relations representative, reporter, correspondent, technical writer, or writer/author. English as a major, however, is versatile, and helps develop skills useful anywhere.

The requirements for the English major are designed to provide a sense of the historical, cultural, and aesthetic context of English and American literatures. After taking WRI 1100 Writing in the Public Sphere, the major requires five "gateway" courses. Gateway courses introduce students early to analytical thinking, inquiry, and collaboration; they are writing intensive and concentrate on cultural materials along with literary readings in all genres. The gateway courses are: a two-course sequence in American Literature (AML 2100-2299), a two-course sequence in British Literature (BRL-2100-2299), and one course in international/diaspora literatures (LIT 2100-2199). The course sequence for the English major follows the numbering of courses so prospective majors are advised to complete the 2000-level requirements before moving to the 3000-level courses.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select the following course to satisfy the Philosophy Elective core requirement			
PHI 3310 American Philosophy		PHI 2201 or PHI 2203	
American Literature Gateway (AML 2100-2199)	3	WRI 1100	
American Literature Gateway (AML 2200-2299)	3	AML 2100-2199	
British Literature Gateway (BRL 2100-2199)	3	WRI 1100	
British Literature Gateway (BRL 2200-2299)	3	BRL 2100-2199	
International Literature (LIT 2100-2199)	3	WRI 1100	
Select FOUR AML, BRL, DRA, or LIT courses 3000 or higher [1]	12	Any AML, BRL, DRA, or LIT course 2000 or higher	
Select TWO ENG courses 4000-4399	6	Five AML, BRL, DRA, or LIT courses 2100-2199	
ENG 4997 Senior Thesis	3	Two ENG courses 3000 or higher Department approval	
FA 409 English Art and Architecture	3	FA 402	
FA 420 American Art	3	FA 402	
HIS 3402 History of the United States: 1789–1896	3	HIS 1201	
HIS 3466 History of Britain	3	HIS 1201	
IT 101 Computer Tools	3		
Liberal Arts electives [2]	6		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	27		
Total credits required	**129**		

The successful completion of ENG 4997 satisfies the College's Comprehensive Examination/Thesis Requirement.

[1] Students may select any four AML, BRL, DRA, or LIT courses 3000 or higher, or instead may prefer to follow one of the optional concentrations below.

[2] Majors are encouraged to take at least 6 credits in a foreign language and also to consider a second English concentration.

Concentrations

The department has grouped four courses into discrete 12-credit units. Each unit offers a developed perspective on issues and topics in the field. These concentrations allow students to use their electives to specialize in areas of current interest in English studies. Students electing to take a concentration should consult with their academic advisor. It should be stressed, however, that *taking a concentration is not a requirement for completing the major.* The concentrations available will vary from year to year, though students who declare to follow a concentration will have the opportunity to complete that concentration by the time they graduate. At the present, the department offers concentration opportunities in Modernism and Theory.

Concentration in Modernism

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
LIT 3110 The Emerging Female Voice	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
LIT 3111 Modernity and Truth	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
LIT 3112 Modernism and the American Landscape	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
LIT 3113 Updike, Auster, and Post-Modern Voices	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
Total credits required	**12**		

Concentration in Theory

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
LIT 3120 Feminine/Masculine: Gender in Literature and Literary Theory	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
LIT 3121 From Detective Fiction to Romance Novels: Studies in Genre	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
LIT 3122 Literary Theory and Theorists	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
LIT 3123 Cultural Studies	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
Total credits required	**12**		

Minor in Drama

The minor in Drama enables students to focus on courses in drama along with annual public lectures and events related to performance, dramaturgy, and the current New York theater season. The minor is designed for students who want to learn more about theatrical practice and spectacle.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
DRA 3501 Drama: Literature and Performance	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
DRA 3502 The Tragic Muse	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
DRA 3503 The Comic Vision	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
DRA 3504 American Theater: Broadway and Summer Stock	3	Any AML, BRL, DRA, or LIT course 2000 or higher	
Select TWO of the following	6		
BRL 2512 Medieval Pageant Carts and Renaissance Stages		WRI 1100	
BRL 2530 Restoration Drama		WRI 1100	
BRL 2620 Shakespeare		WRI 1100	
COM 301 Oral Interpretation		COM 203	
COM 404 Acting I		COM 203	
DRA 3601-3699 Special Topics		Any AML, BRL, DRA, or LIT course 2000 or higher	
Total credits required	**18**		

Minor in English

A minor in English enables students with other majors to gain the insights and understanding that a systematic exposure to literature provides. The writing and critical-thinking skills developed in English classes can be profitably applied in any professional area or field.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select EITHER Group A or Group B below	6		
Group A—Select BOTH of the following			
American Literature Gateway (AML 2100-2199)		WRI 1100	
American Literature Gateway (AML 2200-2299)		AML 2100-2199	
Group B—Select BOTH of the following			
British Literature Gateway (BRL 2100-2199)		WRI 1100	
British Literature Gateway (BRL 2200-2299)		BRL 2100-2199	
Select THREE AML, BRL, DRA, or LIT courses 3000 or higher	9	Any AML, BRL, DRA, or LIT course 2000 or higher	
Any ENG course 4000-4399	3	Five AML, BRL, DRA, or LIT courses 2100-2199	
Total credits required	**18**		

Department Courses

American and British Literature Courses

The American Literature [AML] and British Literature [BRL] courses are very consciously focused on offering the student a selection of literary genres under the title of the course. Additionally, the courses favor the aesthetic and cultural background addressed by the time period or focus of the course. Students are expected to reflect their consciousness of the literary, artistic, and cultural boundaries in their discussion and written work. American and British Literature courses are offered in a sequence that repeats every six semesters. Students interested in a particular period of American or British literature will be able to find that period offered each year with a different course available every year for three years.

International Literature and Thematic Courses

The department offers courses in literatures in translation [LIT] for students who are interested in international literature. Drama courses [DRA] are literature classes that are focused on dramatic performance issues and so will discuss dramatic performance as a way of appreciating the genre.

Writing Courses

Writing courses [WRI] are offered to help students develop individual style and voice. The required writing course, *Writing in the Public Sphere*, addresses the need of the student to exercise conscious citizenship in American society by learning to write about issues that daily affect the individual, and, by extension, find a place in a public forum. While all literature classes require written work, writing courses are designed for writing. Reading is essential for writing classes, but literature does not really play a significant role in the introductory writing course. Creative writing courses will use literature for purposes, in many cases, different from literature classes. The student should expect to write in English writing courses.

Tutorial Courses

Tutorials are offered under the subject area of English [ENG] and are numbered between 4200 and 4299. Tutorials are gatherings of a small number of students around a topic announced by one of the professors in the English department. Students interested in pursuing research, discussion, and analysis of a particular idea with a member of the English faculty are invited to speak with the professor to find out what expectations are for students to participate, and how students will be assessed for the work they do. Typically, professors who are working on research or an academic project might offer opportunities for interested students to join them. Tutorials are available on occasion, but are not a regular offering. The individual professor's approval is required for the tutorial.

Cross-Walk of English Course Numbers

Old Course Number Before fall 2005	Current Course Number Fall 2005 and Beyond
ENG 101	WRI 1000
ENG 103	WRI 1100
ENG 105	WRI 1500
ENG 251	BRL 2100-2199
ENG 252	BRL 2200-2299
ENG 254	BRL 2620
ENG 256	BRL 2610
ENG 257	BRL 2630
ENG 261	AML 2100-2199
ENG 262	AML 2200-2299
ENG 450A-D	ENG 4000-4399
ENG 499	ENG 4997
ENG 500	ENG 4995



Foreign Languages, Fine Arts, and International Cultural Studies

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Forsberg
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Greene

Associate Professor
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Holmes
Orti

Adjuncts
Alfonso
Atencio
Davis
DelBusto
DiPietro
D'Italia-Wiener
El-Ayouty
Fontana
Glover
Hand
Kaminski
Louzonis
Rivero
Shea
Skrill

Department Mission

The department's mission is to participate in and contribute to the College's mission by providing, through our various courses, programs, and majors a fundamental and thorough education in the liberal arts and concurrently by correlating the benefits of liberal education with specific major-field studies (e.g., International Cultural Studies).

Through its two courses in the core curriculum (music and art), the department strives to provide a firm anchor for students' education through a core of liberal education, thus providing students with some of the prerequisites for living a truly fulfilling existence. While pursuing their separate major programs, students are also exposed to the humanistic values of liberal education, signified in particular by the core curriculum to which the department contributes.

Given its course offerings in foreign languages, the fine arts, and international cultural studies, the department also endeavors to contribute substantially in providing a mutually supportive curricular framework for the College's overall response to the educational needs of its multiracial, ethnically varied, urban student body.

Goals and Objectives

- *Provide courses in foreign languages, fine arts, and international studies that complement and help complete the College's liberal arts curriculum and which, in the case of art and music, serve as essential elements of the core curriculum.*
- *Help prepare students in ICS and Spanish majors for meaningful careers in a broad range of areas such as business, government service, law, teaching, and social services.*
- *Provide minor concentrations in fine arts, foreign languages, and international studies as a significant supplement to the student's chosen major.*
- *Develop in all students an appreciation of cultural and linguistic diversity and offer in-depth understanding of those cultures the students choose to investigate.*
- *Develop in all students, particularly the ICS and Spanish majors, the knowledge and skills needed for graduate studies.*
- *Enrich students' academic experiences at the College through a wide variety of cultural experiences, concerts on and off campus, museum tours, architectural field trips, and other social events using the city's cultural richness as our extended classroom.*
- *Offer to departmental majors and interested students from other departments opportunities for study abroad and internships in contexts appropriate to their academic interests.*

Program Requirements

Major in International Cultural Studies

The major in International Cultural Studies gives the student an awareness and understanding of the cultures and behavior of peoples in the contemporary world. Majors learn how culture impacts upon the pressing problems and issues of today, such as hunger, environment, and technology. Gaining an appreciation of their own culture through the study of other peoples, majors also understand the role culture plays in various modes of communication. The ICS major prepares the student for graduate study leading to a master's degree in international studies as well as for a wide range of career opportunities in the public and private sectors, including multi-national corporations, internationally oriented firms, banking, various government agencies (including customs), cultural foundations, and institutes as well as courses in foreign affairs. The program includes a study-abroad component as well as an internship experience. Students choose one of the three concentrations in the major: International Business, Latin America and the Caribbean, or Western Europe.

Major in International Cultural Studies—Concentration in International Business

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select the following course to satisfy the Music core requirement FA 401 Music of the Western World			
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
BUS 101 Organization and Management	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
Select **ONE** of the following courses	3		
ECO 2202 Principles of Microeconomics		ECO 1201	
ECO 2306 Money and Banking		ECO 1201	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
ECO 4403 International Economics, Trade, and Finance	3	ECO 2306 Junior standing	
FA 403 Music of Many Cultures	3		
Select **FOUR** foreign language courses in sequence [1]	12	Department approval	
HR 201 Management Theory and Practice	3	BUS 101	
ICS 240 Peoples/Cultures of the Contemporary World I	3		
ICS 241 Peoples/Cultures of the Contemporary World II	3		
ICS 380/PSY 380 Cross-Cultural Psychology/Communications	3	ICS 241 or PSY 203 or higher	
ICS 450 Study Abroad	3	ICS 240 ICS 241	
ICS 500 Internship in International Cultural Studies	1-3	ICS 240 ICS 241	
ICS 501 Senior Thesis	3	ICS 240 ICS 241	
IT 101 Computer Tools	3		
MKT 201 Marketing	3	BUS 101	
MKT 330 International Marketing	3	MKT 201	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	21		
Total credits required	**128-130**		

The successful completion of ICS 501 and a comprehensive examination satisfies the College's Comprehensive Examination/Thesis requirement.

[1] The 12 credits must all be in the same language. CLEP or other proficiency credit does not satisfy this requirement.

Major in International Cultural Studies—Concentration in Latin American and Caribbean Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select the following course to satisfy the Music core requirement FA 401 Music of the Western World			
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 3304 Economics of Less Developed Countries	3	ECO 1201	
FA 403 Music of Many Cultures	3		
Select FOUR foreign language courses in sequence [1]	12	Department approval	
ICS 240 Peoples/Cultures of the Contemporary World I	3		
ICS 241 Peoples/Cultures of the Contemporary World II	3		
ICS 307/SOC 3050 Caribbean Culture and Society	3	SOC 1000	
ICS 311 Contemporary Latin American Authors	3	ICS 240 ICS 241	
ICS 312 Hispanic Caribbean Cultures and Literature	3	ICS 240 ICS 241	
ICS 313 Origins/Development of Liberation in Latin America	3	ICS 240 ICS 241	
ICS 314 Puerto Rican Culture and Civilization	3	ICS 240 ICS 241	
ICS 315/SPA 402 Spanish Civilization and Culture	3	ICS 240 ICS 241	
ICS 370 Cultural Anthropology	3		
ICS 380/PSY 380 Cross-Cultural Psychology/Communications	3	ICS 241 or PSY 203 or higher	
ICS 450 Study Abroad	3	ICS 240 ICS 241	
ICS 500 Internship in International Cultural Studies	1-3	ICS 240 ICS 241	
ICS 501 Senior Thesis	3	ICS 240 ICS 241	
IT 101 Computer Tools	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	18		
Total credits required	**127-129**		

The successful completion of ICS 501 and a comprehensive examination satisfies the College's Comprehensive Examination/Thesis requirement.

[1] The 12 credits must all be in the same language. CLEP or other proficiency credit does not satisfy this requirement.

Major in International Cultural Studies—Concentration in Western European Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select the following course to satisfy the Music core requirement FA 401 Music of the Western World			
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 3305/ICS 305 European Economies	3	ECO 1201	
FA 403 Music of Many Cultures	3		
FA 408 Italian Fine Arts	3	FA 402	
FA 409 Art and Architecture in England	3	FA 402	
FRE 405 French Civilization and Culture	3	FA 402	
Select **FOUR** foreign language courses in sequence [1]	12	Department approval	
ICS 240 Peoples/Cultures of the Contemporary World I	3		
ICS 241 Peoples/Cultures of the Contemporary World II	3		
Any ICS course 300 or higher [2]	3		
ICS 315/SPA 402 Spanish Civilization and Culture	3	ICS 240 ICS 241	
Select **ONE** of the following courses	3		
ICS 370 Cultural Anthropology			
PHI 3432 Medieval Philosophy		PHI 2201 or PHI 2203	
ICS 380/PSY 380 Cross-Cultural Psychology/Communications	3	ICS 241 or PSY 203 or higher	
ICS 450 Study Abroad	3	ICS 240 ICS 241	
ICS 500 Internship in International Cultural Studies	1-3	ICS 240 ICS 241	
ICS 501 Senior Thesis	3	ICS 240 ICS 241	
IT 101 Computer Tools	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	21		
Total credits required	**127-129**		

The successful completion of ICS 501 and a comprehensive examination satisfies the College's Comprehensive Examination/Thesis requirement.

[1] The 12 credits must all be in the same language. CLEP or other proficiency credit does not satisfy this requirement.

[2] ICS 306 is recommended.

Major in Spanish

A major in Spanish is an in-depth study and analysis of the Spanish language, its written form, and the knowledge of the literature and culture of the people of Hispanic descent. This major introduces the student to the Spanish-speaking world from global and multicultural perspectives. Students are expected to have command of the Spanish language and to understand the culture or cultures the language reflects.

A major in Spanish prepares students for various career opportunities in the fields of teaching, bilingual education, interpreting, translation, business, mass media communication, journalism, science and technology, and global economy. Students can also pursue master's and Ph.D. degrees in Spanish.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
Select **FOUR** foreign language courses in sequence [1]	12	Department approval	
Select **EITHER** Group A or Group B below [2]	6		
Group A—Select **BOTH** of the following courses			
SPA 101 Beginning Spanish I			
SPA 102 Beginning Spanish II		SPA 101	
Group B—Select **BOTH** of the following courses			
SPA 105 Spanish for Bilingual Students			
SPA 115 Conversation in Spanish		SPA 104 or SPA 105	
SPA 103 Second-Year Spanish I [2]	3	SPA 102 or placement exam	
SPA 104 Second-Year Spanish II [2]	3	SPA 103	
SPA 201 Contemporary Readings of Spain/Latin America I	3	SPA 104	
SPA 202 Contemporary Readings of Spain/Latin America II	3	SPA 201	
Select **ONE** of the following courses	3		
ICS 315/SPA 402 Spanish Civilization and Culture		ICS 240 ICS 241	
SPA 302 Contemporary Spanish Literature: 1898 to Present		SPA 202	
SPA 305 History of Spanish-American Literature I	3	SPA 104	
SPA 306 History of Spanish-American Literature II	3	SPA 305	
SPA 308 Advanced Spanish Conversation	3	SPA 202	
SPA 407 Cervantes	3	SPA 202	
SPA 411 Latin American Nobel Laureates in Literature	3		
SPA 414 Hispanic Caribbean	3		
SPA 415 Puerto Rican Literature: Ethnicity and National Identity in Poetry, Fiction, and Essays	3		
SPA 501 Senior Thesis	4	Senior standing	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	25		
Total credits required	**128**		

The successful completion of SPA 501 and a comprehensive examination satisfies the College's Comprehensive Examination/Thesis requirement.

[1] Choose from French, Italian, or Latin. Students may take all 12 credits in one language or 6 credits in one and 6 in another. No CLEP, NYU, Advanced Placement or other examinations may replace this requirement.

[2] If these course requirements are waived, the credits must be completed as free electives. Please speak with the department Chairperson for appropriate language placement.

Minor in Fine Arts

This minor provides the student with a sound grounding in the visual arts of painting, sculpture, and architecture.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select **FIVE** of the following courses	15		
FA 402 Orientation in Art			
FA 404 Introduction to Studio Art		FA 402	
FA 405 Introduction to Studio Art		FA 402	
FA 408 Italian Fine Arts		FA 402	
FA 409 Art and Architecture in England		FA 402	
FA 414 Art in New York City (Honors)		FA 402	
FA 440 Studies in Architecture:			
The Building Is the Book (Honors)		FA 402	
FRE 405 French Civilization and Culture		FA 402	
ICS 306 German Culture and Fine Arts (Honors)			
Total credits required	**15**		

Minor in Foreign Languages

Foreign languages give students skills (speaking, understanding, reading, and writing) that serve as an excellent supplement to the student's general education and increase the student's academic credibility when he or she applies for positions in a chosen career.

Minor in French

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
FRE 101 Beginning Year French I [1]	3		
FRE 102 Beginning Year French II [1]	3	FRE 101	
FRE 103 Second Year French I [1]	3	FRE 102	
FRE 104 Second Year French II [1]	3	FRE 103	
FRE 405 French Civilization and Culture	3	FA 402	
Total credits required	**15**		

[1] Students with advanced standing in French may substitute more advanced courses for French 101, 102, 103, or 104 as approved by the department Chairperson. A maximum of 6 CLEP credits will be accepted toward the minor in French.

Minor in Italian

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ITA 101 Beginning Year Italian I [1]	3		
ITA 102 Beginning Year Italian II [1]	3	ITA 101	
ITA 103 Second Year Italian I	3	ITA 102	
ITA 104 Second Year Italian II	3	ITA 103	
FA 408 Italian Fine Arts	3	FA 402	
Total credits required	**15**		

[1] A maximum of 6 CLEP credits will be accepted toward the minor in Italian.

Minor in Spanish

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
SPA 101 Beginning Year Spanish I [1]	3		
SPA 102 Beginning Year Spanish II [1]	3	SPA 101	
SPA 103 Second Year Spanish I [1]	3	SPA 102 or placement exam	
SPA 104 Second Year Spanish II [1]	3	SPA 103	
Select ONE of the following courses	3		
SPA 201 Contemporary Readings of Spain/Latin America I		SPA 104	
SPA 202 Contemporary Readings of Spain/Latin America II		SPA 104	
Total credits required	**15**		

[1] Students with advanced standing in Spanish may substitute more advanced courses from SPA 105 through SPA 419 as offered and as approved by the department Chairperson. A maximum of 6 CLEP credits will be accepted toward the minor in Spanish.

Minor in International Cultural Studies

This minor adds an international dimension to the academic preparation of students seeking employment in an increasingly global economy.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ICS 240 Peoples/Cultures of the Contemporary World I	3		
ICS 241 Peoples/Cultures of the Contemporary World II	3		
ICS 380/PSY 380 Cross-Cultural Psychology/Communications	3	ICS 241 or PSY 203 or higher	
Select ONE of the following courses	3		
ICS 311 Contemporary Latin American Authors		ICS 240 ICS 241	
ICS 312 Hispanic Caribbean Cultures and Literature		ICS 240 ICS 241	
ICS 314 Puerto Rican Culture and Civilization		ICS 240 ICS 241	
ICS 370 Cultural Anthropology			
Select ONE of the following courses	3		
FA 409 Art and Architecture in England		FA 402	
FRE 405 French Civilization and Culture		FA 402	
Select ONE of the following courses	3		
FA 408 Italian Fine Arts		FA 402	
ICS 306 German Culture and Fine Arts (Honors)			
ICS 315/SPA 402 Spanish Civilization and Culture		ICS 240 ICS 241	
Total credits required	**18**		

History, Political Science, and Social Studies

Office: Room 7004
Phone: (718) 489-5232

Chairperson
Sr. Marianne Sennick, C.S.J., Ph.D.

Professors
Hughes
Macchiarola
Sorrentino
Sparr

Associate Professors
Houlihan
Sennick

Adjuncts
Alexander
Bogart
Capano
Clement
Humins
Kaczynski
LeVeness

Department Mission

The department of History, Political Science, and Social Studies houses three courses of study, each with a unique and complementary approach to liberal learning. History is an encompassing discipline that integrates the liberal arts by drawing upon both the humanities and the social sciences to reach understandings about historical causation and the institutional and cultural forces that have shaped our increasingly complex and inter-connected modern world. Political science takes a traditional and behavioral approach to liberal learning. It is a social science chiefly concerned with the description and analysis of political and governmental institutions and processes. Social studies provide an interdisciplinary approach to the humanities and the social sciences. Resting upon four disciplines (economics, history, political science, and sociology), it directs student learning across the College's entire humanities and social sciences curriculum. In addition, the department actively engages with the division of education in the preparation of elementary and secondary social studies teachers.

Together the department of History, Political Science, and Social Studies provides its majors with a foundational education grounded in the liberal arts tradition of St. Francis College. At the same time, the department interfaces with the general education objectives of the College as it prepares its majors in the necessary cognitive and communication skills essential to their post-collegiate careers and for intelligent participation in our American democratic society. The skills encouraged within the department—articulating significant questions, framing hypotheses, gathering evidence, looking for patterns and relationships, weighing alternative methods and interpretations, and, finally, articulating substantive arguments and conclusions with clarity and persuasion—are proficiencies in high demand in a wide variety of professions.

Goals and Objectives

- *Require a capstone senior project of history, political science, and social studies majors where they demonstrate research and critical thinking skills through the successful completion of a substantive senior thesis.*
- *Provide courses in history and political science and interdisciplinary courses in social studies as significant components of the liberal arts and the core curriculum.*
- *Provide students with the preparation necessary for careers in teaching, business, law, government, public administration, and archival and museum work.*
- *Prepare students with the skills necessary for success in graduate and professional schools, including law school.*
- *Offer departmental majors and minors as well as other students on the campus the opportunity to explore the historical roots of contemporary civilization, and to develop in students the analytical skills necessary to live in a complex political society.*
- *Complement course offerings with a full range of off-campus activities, including foreign tours, internships, field trips, museum and cultural visits, and study abroad.*

Program Requirements

The department strongly urges all majors to attain competency in a foreign language at the advanced level, especially if graduate school is anticipated.

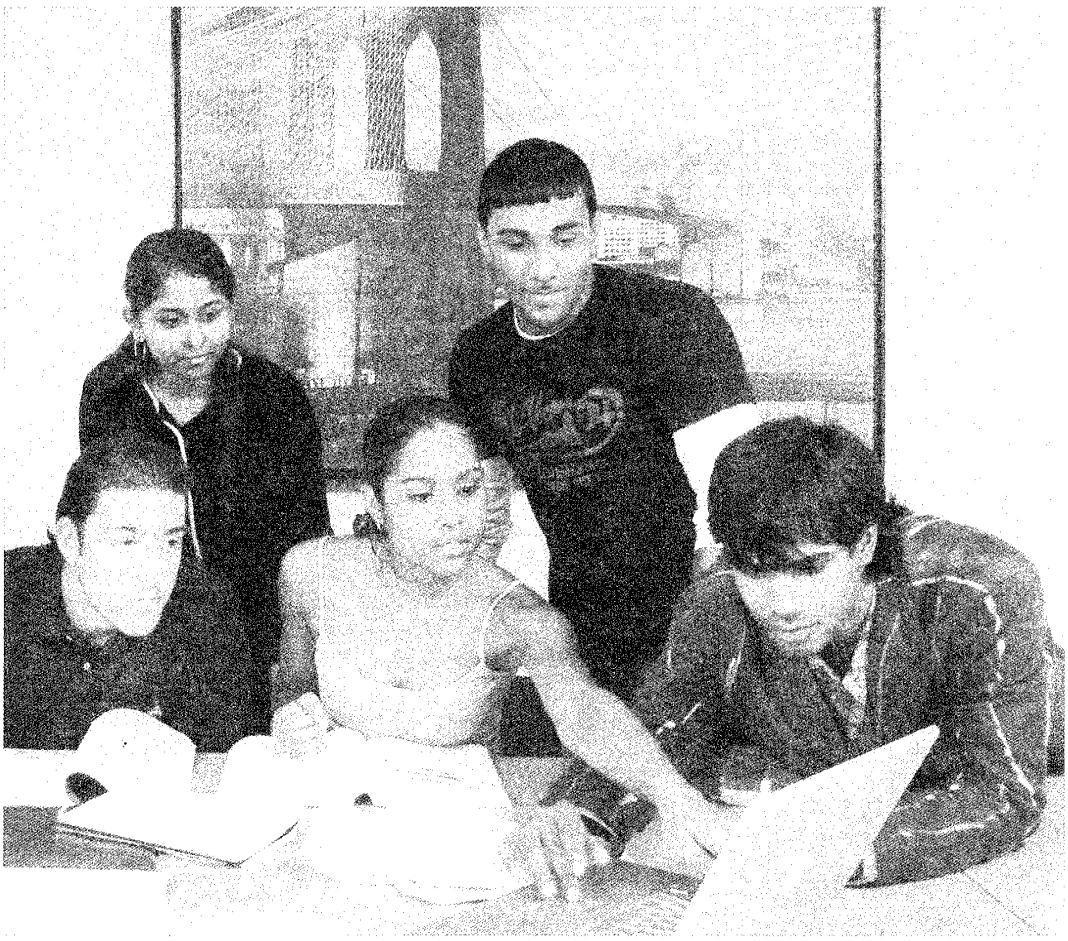
Major in History

The History major is an important component of the liberal arts curriculum. Historical inquiry provides broad understandings of the institutional and cultural foundations of contemporary civilizations. In its attention to research, writing, and critical analysis, the history major prepares the student in the lifelong habits of a self-educating person. History graduates pursue a variety of careers in both the public and private sectors: teaching, business, government, public administration, and archival and museum work. History is also an excellent preparation for a career in law. Successful completion of a senior thesis is a requirement for graduation.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
Any COM course 300 or higher	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
Select **ANY 12-CREDIT COMBINATION** of the following	12		
Foreign language courses in sequence			
Information Technology [IT] courses in sequence			
MAT 301 Statistics		MAT 104 or higher or placement exam	
PSC 3450 Empirical Research Methods		PSC 1202 or PSC 1204	
Select **ONE** of the following courses	3		
HIS 3202 Ancient History		HIS 1201	
HIS 3301 Medieval History		HIS 1201	
Select **ONE** of the following courses	3		
HIS 3312 Renaissance and Reformation		HIS 1201	
HIS 3403 Modern European History: 1600–1763		HIS 1201	
HIS 3404 Modern European History: 1763–1900		HIS 1201	
HIS 3401 History of the U.S.: The Age of Discovery–1789	3	HIS 1201	
HIS 3402 History of the United States: 1789–1896	3	HIS 1201	
HIS 4998 Historical Seminar	3	Five HIS courses 3000 or higher Senior standing	
Select **FIVE** HIS courses 2000 or higher	15		
Select **TWO** Natural Science or Mathematics courses [1]	6		
PSC 1204 American National Government	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	24		
Total credits required	**129**		

The successful completion of HIS 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.



Major in Political Science

Political science prepares the student to critically analyze the problems of society on the local, national, and international levels. Through study of the major fields of the discipline—international relations, comparative politics, and American government—the contemporary issues are defined, developing in the student the analytical skills necessary to live in a complex political society. The political science major also provides the opportunity to study various areas of public policy, including foreign policy, urban policy, transportation policy, and one of the major subdivisions of the discipline, public administration.

Political Science graduates pursue a variety of careers in both the public and private sectors: teaching, business, government, and public administration. While law schools do not require a specific major, Political Science is a natural pre-law major because of its emphasis on the study of law and institutions. The department offers courses in law, the judicial system, constitutional law, and various other areas that are directly related to legal practice. Successful completion of a senior thesis is a requirement for graduation.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
Any COM course 300 or higher	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
Select **ANY 12-CREDIT COMBINATION** of the following	12		
Foreign language courses in sequence			
Information Technology [IT] courses in sequence			
MAT 301 Statistics		MAT 104 or higher or placement exam	
PSC 3450 Empirical Research Methods		PSC 1202 or PSC 1204	
HIS 1101 Survey of Western Civilization (to 1500)	3		
HIS 1102 Survey of Western Civilization (since 1500)	3		
HIS 3402 History of the United States: 1789–1896	3	HIS 1201	
Select **TWO** Natural Science or Mathematics courses [1]	6		
PSC 1202 Introduction to Political Science—Scope and Method	3		
PSC 1204 American National Government	3		
PSC 3301 Comparative Government	3	PSC 1202	
PSC 3406 International Relations	3	PSC 1202	
PSC 4998 Political Science Seminar	3	PSC 1204 PSC 3301 PSC 3406	
Select **FIVE** PSC courses 2000 or higher	15		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	18		
Total credits required	**129**		

The successful completion of PSC 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.

Major in Social Studies

Social Studies is an integrated major that permits students to enter into association with four disciplines: economics, history, political science, and sociology. Social Studies majors enter law, government service, banking, and other professions. Successful completion of a senior thesis is a requirement for graduation.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
Any COM course 300 or higher	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
HIS 1101 Survey of Western Civilization (to 1500)	3		
HIS 1102 Survey of Western Civilization (since 1500)	3		
Select **TWO** HIS courses 2000 or higher	6		
IT 101 Computer Tools	3		
PSC 1204 American National Government	3		
PSC 2304 State and Local Government	3	15 college credits	
SOC 2000 Social Problems	3	SOC 1000	
SS 4998 Social Studies Seminar	3	ECO 1201 HIS 1201 PSC 1204 SOC 1000	
Select **SIX** SS courses [1]	18		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	30		
Total credits required	**129**		

The successful completion of SS 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] ECO, HIS, PSC, and SOC courses may be selected with the approval of the advisor.

Minor in History

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
HIS 1101 Survey of Western Civilization (to 1500)	3		
HIS 1102 Survey of Western Civilization (since 1500)	3		
HIS 1201 History of the United States: 1896 to Present	3		
Select **TWO** HIS courses 2000 or higher	6		
Total credits required	**15**		

Minor in Political Science

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
PSC 1202 Introduction to Political Science—Scope and Method	3		
PSC 1204 American National Government	3		
Select **THREE** PSC courses 2000 or higher	9		
Total credits required	**15**		

Department Courses

History [HIS], Political Science [PSC], and Social Studies [SS] courses are sequenced at the introductory (1000), intermediate (2000/3000), and advanced (4000) levels.

1000-level courses are foundational in nature. They are designed for students who have little general background in the disciplines of history or political science or with the specific content areas that these courses address. While content driven, these courses also train students in basic critical thinking and communication skills essential for continued success in the major. Thus, HIS 1201, PSC 1202, and PSC 1204 often act as prerequisites for many of the intermediate and advanced courses which follow.

2000- and 3000-level intermediate courses build upon the knowledge and skills found within the introductory courses and/or within the general College curriculum. Adequate background knowledge is assumed but not necessarily in the same field.

4000-level advanced courses include departmental research seminars, independent study and field experience. The capstone of the History, Political Science, and Social Studies majors is the research seminar where students complete a research paper that integrates prior learning and analytical and communication skills developed earlier in the major. Independent study and directed internships involve extensive and focused engagement in a topic and/or field experience not usually found in the regular curriculum. Both usually involve the production of a major end-of-term paper or project report

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Honors

Office: Room 6001
Phone: (718) 489-5223

Director
Virginia A. Franklin, Ph.D.

Program Mission

The Honors program seeks to form a community of scholars among its students and faculty. Aware of the complexities of the global community, we hold interdisciplinary liberal studies to serve as the focus of the program's seminar conversations. Drawing on the wealth of the Franciscan tradition, we look spiritually to strengthen our students' sense of values, intellectually to enlarge their ground of academic concern and inquiry, and individually to build character, thus contributing to the larger academic, business, and service communities where the students will carry on the goal of lifelong learning.

Goals and Objectives

- *Read and analyze primary sources.*
- *Engage in active seminar discussions.*
- *Conduct original research or offer a fresh view to traditional ideas.*
- *Take advantage of cultural resources in the metropolitan area.*
- *Become aware of the interconnectedness of knowledge.*
- *Gain experience in oral presentation.*
- *Develop written essays and reports that are controlled, elegant, and imaginative.*

The Honors program offers students the opportunity to study and research topics of interdisciplinary concern and personal interest while earning an Honors Program Scholar diploma upon graduation. The Program requires the student to enroll in a three-credit Honors course for each of six semesters beginning the first year of study. In addition to the 18 credit hours of seminar work, an Honors student must enroll in an advanced research techniques seminar during the sixth semester. The seminar will assist the student in preparing a proposal and an annotated bibliography for the honors thesis he/she will write in the seventh and eighth semesters.

Independent research and self-motivated study are combined in the Program seminars. Brief essays, oral presentations, and longer research projects form the basis for grades in the seminars. Formal testing is not used, nor allowed, in the Program so that students might engage more thoroughly in seminar conversations. Required field trips, cultural and social activities are integrated into seminars and the general structure of the Honors program.

A course description booklet for the next two years of seminar offerings is available so students might sketch out a proposed program of study in consultation with a faculty member of the Honors Council. Students may obtain a copy in the Honors program Director's office.

Membership in the Honors program is limited. Qualified freshmen are invited to apply for admission into the Program upon acceptance to the College according to the calendar established annually.

Transfer students and upperclassmen who did not join the program in freshman year, but who subsequently meet the qualifying criteria for acceptance after a year of study at the College, will be contacted by the Director of the Honors program and will be invited to apply for admission into the Program on a space-available basis.

Students interested on additional information about the Honors program may contact the Director of the Honors program to obtain a copy of the current *Honors Program Student Handbook.*

Program Requirements

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
HON 5101 Honors Freshman Seminar I	3	Acceptance into the Honors program	
HON 5102 Honors Freshman Seminar II	3	HON 5101 or Honors Director's approval	
Select FOUR Honors courses [1]	12	Various—see course listings	
HON 5997 Honors Thesis	3	Honors Director's approval	
Total credits required	**21**		

[1] Honors courses are identified by course numbers 5000 through 5989 or by the notation of Honors (or "HON") in the course title. Students interested in completing the Honors curriculum are encouraged to meet with the Honors Director regularly for assistance in identifying appropriate courses.

Information Technology

Office: Room 4318
Phone: (718) 489-5324

Chairperson
Dr. Allen Burdowski

Professor
Burdowski

Instructors
Edington
Westcott

Adjuncts
Aikins
Catalano
D'Esposito
Hemway
Keller
MacNamee
Merhige
Singer
Smolizza
Valcin
Vaughn

Department Mission

The mission of the department is to prepare students for careers in the rapidly changing field of information technology. We provide and offer state-of-the-art information technology courses for majors as well as students studying other disciplines. The department offers a B.S. degree in information technology and four bridge courses for qualified students leading to a M.S. degree in computer science from Polytechnic University. The department also offers a full spectrum of courses for all qualified students from the basic computer tools through web design and database management in support of the respective majors in the College. Most organizations use information technology to achieve competitive advantages in the market place. Students may study decision support systems, telecommunications, system design, educational technology, medical informatics, and related topics to show how information technology is used to identify and resolve issues related to an organization's IT-related opportunities. The department offers courses in cooperation with the Management department that prepare students for careers in business and e-commerce.

Goals and Objectives

- *Prepare knowledge workers for a variety of roles in society and industry.*
- *Provide all students with technical and analytical skills.*
- *Prepare IT majors for the competitive world of graduate school.*

Alliance with Polytechnic University

St. Francis College has joined Polytechnic University in a collaborative educational effort. The program is designed to produce highly qualified personnel who will complete a bachelor's degree from St. Francis College and the Master of Science degree in Computer Science from Polytechnic University in a five-year period.

Students in the program will study IT courses that will serve as bridge courses to Polytechnic University. Courses include: IT 103, IT 104, IT 105, IT 340, IT 380, IT 404, MAT 202, MAT 203, and one year of a laboratory science (physics, biology, or chemistry). These courses are either in addition to or part of the students' courses in their major. Students who have finished the bridge courses and have an index of at least 3.6 are eligible to take graduate courses at Polytechnic University in computer science. Contact the department Chairperson for further information.

Program Requirements

The Information Technology major prepares future managers and analysts to use information technology to help people and organizations perform more efficiently and effectively. As information technology spreads throughout an organization's structure, information managers interact with all the components of an organization. The IT major prepares students with the skills needed to analyze a range of organizational problems and provides them with knowledge of applications of computer and information technology. In consultation with their advisors, students are encouraged to use their elective courses to select an application track in a discipline that relies heavily on information technology. These tracks include business and management, biology, health care management, education, and nursing.

Major in Information Technology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	43		
➡Select the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 105 College Algebra		MAT 070 or placement exam	
➡Select ONE of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 107 Algebra and Trigonometry for Science Majors		MAT 105 or placement exam	
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
IT 101 Computer Tools	3		
IT 103 Computer-Based Information Systems	3	IT 101 (may be taken as pre- or co-requisite)	
IT 104 Programming I	3	IT 101	
IT 201 Telecommunications and Networking	3	IT 103	
IT 203 Web Design	3	IT 101	
IT 210 Database Management Systems	3	IT 103	
IT 301 Project Management	3	IT 101	
IT 303 E-Commerce Integration	3	IT 203 or MKT 340	
IT 305 Information Technology Law and Ethics	3	IT 103	
IT 310 Systems Analysis and Design	3	IT 210	
IT 500 Capstone Project	3	Senior standing	
Select FOUR IT courses	12		
ORM 301 Empirical Methods for Business Research	3	MAT 105	
Liberal Arts electives	24		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	9		
Total credits required	**130**		

The successful completion of IT 500 satisfies the College's Comprehensive Examination/Thesis requirement.

Minor in Information Technology

The minor in Information Technology provides students with basic skills necessary to function productively in today's computerized office and workplace environments. The focus is on microcomputers and their applications to real-world problems. Students study programming, hardware, systems software, and applications designed for personal productivity, data communications, database management, and other tasks.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
IT 101 Computer Tools	3		
IT 103 Computer-Based Information Systems	3	IT 101 (may be taken as pre- or co-requisite)	
IT 104 Programming I	3	IT 101	
Select THREE IT courses 200 or higher	9		
Total credits required	**18**		

Liberal Arts

Office: Room 3006
Phone: (718) 489-5312

Program Mission

This flexible 64-credit program allows students to explore a wide variety of liberal arts disciplines. Students who complete the Associate of Arts degree are welcome to continue at the College in one of its Bachelor of Arts or Bachelor of Science programs. For more information, please see an advisor in the Freshman Studies Office.

Goals and Objectives

- *Prepare students for more advanced study through a solid grounding in the basic skills of reading, critical thinking, writing, and quantitative methods.*
- *Provide students with an introduction to a variety of liberal arts disciplines.*
- *Help students broaden their understanding of themselves and to clarify their thinking and their goals.*

Program Requirements

Associate of Arts in Liberal Arts

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	30		
Select ONE of the following two courses	3		
HIS 1101 Survey of Western Civilization (to 1500)			
HIS 1102 Survey of Western Civilization (since 1500)			
IT 101 Computer Tools	3		
PSY 100 General Psychology	3		
Liberal Arts electives	12		
SFC 1001	1		
Free electives	12		
Total credits required	**64**		

Management

Office: Room 5009
Phone: (718) 489-5347

Chairperson
Dr. John R. Dilyard

Professor
Gomori

Associate Professor
Dilyard

Professors Emeriti
Barcun
Goldberg

Special Lecturer
Ende

Adjuncts
Baretta
Daly
Diodato
Fazio
Honig
Jordan
Kirrane
Lee
Macchiarola
McCabe
Melhem
Mulligan
Paguaga
Sloane
Tamparo
Williams

Department Mission

The College offers a B.S. degree in Management, an Associate of Applied Science in Business Administration, and a minor in Business. Students in the B.S. program are encouraged to select a concentration in one of the following areas: E-Commerce, Finance, General Business, Human Resources, International Business, Marketing, or Operations Research. Management majors may also obtain minors in Accounting, Information Technology, or Travel and Tourism.

The department's mission is to develop, refine, and present professional courses that create a foundation in the areas of finance, human resources, international business, marketing, and operations research from which students can further develop their career and educational goals.

Goals and Objectives

- *Graduate students of integrity who can build from a foundation in the liberal arts and management to seek careers in finance, government service, human resources, international business, management, marketing, or operations.*
- *Prepare students to seek entrepreneurial opportunities or graduate study.*

Program Requirements

Major in Management

The Management department provides an academic environment in which students study current techniques for the management and operation of small and large business organizations, international companies, government agencies, and non-profit institutions. Graduates are prepared to enter public administration, M.B.A. programs, and law schools. Emphasis is placed on the acquisition of skills as well as the integration of marketing, domestic and international business, finance, and human resource management disciplines. Students develop the ability to interpret data and apply quantitative, statistical, and logical solutions to business problems. Students are encouraged to find internship opportunities that complement their classroom studies. Seniors are required to pass a comprehensive examination that measures their general business knowledge, quantitative analysis skills, and writing and reasoning abilities. The department partners with the Career Development Center to help students identify and secure career opportunities.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement [1]			
MAT 105 College Algebra		MAT 070 or placement exam	
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
BL 2101 Business Law I	3	BUS 101	
BL 2102 Business Law II	3	BL 2101	
BUS 101 Organization and Management	3		
BUS 490 Business Policies	3	ECO 3331/FIN 301 MKT 201 ORM 301 or MAT 301 Senior standing	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics	3	ECO 1201	
ECO 2306 Money and Banking	3	ECO 1201	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
Any FIN course except ECO 3331/FIN 301	3		
Select **TWO** ECO, HIS, PSC, PSY, or SOC courses [2]	6		
HR 201 Management Theory and Practice	3	BUS 101	
Any HR course	3		
IT 101 Computer Tools	3		
MKT 201 Marketing	3	BUS 101	
Any MKT course	3		
ORM 301 Empirical Methods for Business Research	3	MAT 105	
Any ORM course	3		
PSC 2404 Government and Business: 1865–Present	3	24 college credits	
Liberal Arts elective	3		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	15		
Total credits required	**128**		

The passing of a senior-year comprehensive examination satisfies the College's Comprehensive Examination/Thesis requirement.

[1] For transfer students or for those entering the major from the sciences, equivalent MAT courses will satisfy the Mathematics core requirement.

[2] Except ECO 3331/FIN 301, ECO 3332/FIN 302, ECO 3333/FIN 312, and ECO 4433/FIN 412.

Concentrations

A student may elect to concentrate in E-Commerce, Finance, General Business, Human Resources, International Business, Marketing, or Operations Management in addition to a major in Management. This requires the student to select courses from the following groups in addition to the required groups in management. There is a sufficient number of free electives in the program to allow for this.

Students are advised that degree requirements include the minimum completion of 128 credits. Students who pursue one or more of the following concentrations may be required to take additional free elective courses if their credits total fewer than 128.

E-Commerce

The advent of the World Wide Web has revolutionized the process of domestic and international commerce in business-to-business and business-to-consumer relationships. The E-Commerce concentration is a multidiscipline program that integrates courses from Information Technology, Marketing, and intellectual property law.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select **FIVE** of the following courses	15		
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
IT 101 Computer Tools			
IT 203 Web Design		IT 101	
IT 210 Database Management Systems		IT 103	
IT 303 E-Commerce Integration		IT 203 or MKT 340	
IT 305 Information Technology Law and Ethics		IT 103	
MKT 340 Direct Marketing		MKT 201	
MKT 440 Internet Marketing		MKT 201	
Total credits required	**15**		

Finance

The Finance concentration introduces students to several areas within the finance field. After successfully completing ECO 3331/FIN 301 Principles of Finance, students can select from several courses that provide exposure to various professions such as investment analysis, managerial finance, personal finance, and international finance.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
Select FOUR of the following courses	12		
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
ECO 3332/FIN 302 Managerial Finance [1]		ECO 3331/FIN 301 MAT 109	
ECO 3333/FIN 312 Security Analysis [1]		ECO 3331/FIN 301 MAT 109	
ECO 3334/FIN 334 Government Finance [1]		ECO 3331/FIN 301 MAT 109	
ECO 4433/FIN 412 Portfolio Management [1]		ECO 3331/FIN 301 MAT 109	
FIN 316 Personal Finance		ECO 3331/FIN 301 (may be taken as pre- or co-requisite)	
FIN 340 Insurance and Risk Management		ECO 3331/FIN 301 MAT 109	
FIN 420 International Finance		ECO 3331/FIN 301 MAT 109	
FIN 422 Financial Institutions Management		ECO 3331/FIN 301 MAT 109	
MAT 110 Mathematics for Managerial Science II		MAT 109	
Total credits required	**15**		

[1] May be taken as a Liberal Arts/Economics elective

General Business

The General Business concentration is particularly suited to students interested in acquiring knowledge and skills on a broader array of management disciplines.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select FIVE of the following courses	15		
BUS 201 Global Business			
BUS 204 Business and Society			
BUS 205 Management of a Small Business			
BUS 250 Business Communication			
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
BUS 496 Business Research		Junior standing Department approval	
BUS 497 Internship		Department approval	
FIN 340 Insurance and Risk Management		ECO 3331/FIN 301 MAT 109	
MKT 316 Merchandising		MKT 201	
MKT 340 Direct Marketing		MKT 201	
Total credits required	**15**		

Human Resources Management

Human Resources Management introduces students to the full spectrum of personnel management, including employee motivation, organizational structure, compensation and benefit plans, appraisals, and labor relations.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
HR 201 Management Theory and Practice	3	BUS 101	
Select **FOUR** of the following courses	12		
BUS 201 Global Business			
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
HR 304 Human Resources Management		HR 201	
HR 310 Organizational Behavior		HR 201	
HR 409 Industrial Relations and Collective Bargaining		HR 201	
HR 410 Compensation		HR 201	
SOC 2000 Social Problems		SOC 1000	
SOC 2080 Conflict Resolution		SOC 1000	
Total credits required	**15**		

International Business

The International Business concentration is a highly interdisciplinary program that takes elements from economics, finance, human resources, information technology, marketing, political science, and strategic planning and shows how they combine to affect the way in which firms operate and compete in a global environment. The program prepares students for international careers in business firms, financial institutions, or government agencies that require flexible thinking, strong analytical skills, and refined communication skills.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select **FIVE** of the following courses	15		
BUS 201 Global Business			
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
ECO 3305/ICS 305 European Economies		ECO 1201	
ECO 4403 International Economics, Trade, and Finance		ECO 2306 Junior standing	
FIN 420 International Finance		ECO 3331/FIN 301 MAT 109	
ICS 240 Peoples/Cultures of the Contemporary World I			
ICS 241 Peoples/Cultures of the Contemporary World II			
IT 303 E-Commerce Integration		IT 203 or MKT 340	
MKT 330 International Marketing		MKT 201	
Total credits required	**15**		

Marketing

The study of Marketing provides the qualitative and quantitative skills to be successful in careers throughout the business spectrum. This concentration introduces students to areas of customer relationship. Marketing integrates advertising, sales promotion, pricing, distribution and product strategies, public relations, merchandising, international marketing, direct marketing, and Internet marketing/e-commerce.

Students are encouraged to explore the professional marketing community by participating in opportunities such as marketing internships, advanced marketing projects, and student membership in marketing organizations.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
MKT 201 Marketing	3	BUS 101	
Select **FOUR** of the following courses	12		
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
COM 307 Advertising		COM 302 or COM 304	
MKT 202 Marketing Management		MKT 201	
MKT 307 Advertising and Sales Promotion		MKT 201	
MKT 309 The Sales Function		MKT 201	
MKT 315 Public Relations		MKT 201	
MKT 316 Merchandising		MKT 201	
MKT 330 International Marketing		MKT 201	
MKT 340 Direct Marketing		MKT 201	
MKT 440 Internet Marketing		MKT 201	
Total credits required	**15**		

Operations Research and Management

The Operations Management concentration applies mathematical and analytical concepts to solve business problems and acquire skills in such areas as forecasting, probability, quality control, production scheduling, transportation and logistics, project management, and inventory control.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ORM 301 Empirical Methods for Business Research	3	MAT 105	
Select FOUR of the following courses	12		
BUS 342/PHI 3342 Business Ethics		PHI 2201 or PHI 2203	
IT 103 Computer-Based Information Systems		IT 101 (may be taken as pre- or co-requisite)	
MAT 110 Mathematics for Managerial Science II		MAT 109	
ORM 308 Quantitative Methods in Business I		MAT 301 or ORM 301	
ORM 309 Business Forecasting		MAT 109 ORM 301	
ORM 310 Production and Operations Management		ORM 301	
ORM 311 Quantitative Methods in Business II		MAT 109 ORM 301	
Total credits required	**15**		

Minor in Business

The minor in Business introduces non-business majors to the various professions within the field of business and to the interrelationships that exist among them. It allows students, independently of their majors, to appreciate the dynamics of the workplace. The minor enhances the student's ability to understand business systems and their function in the workplace.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select ONE of the following courses	3-4		
ACC 1001 Introduction to Accounting		MAT 050 or placement exam	
ACC 1101 Elementary Accounting I		MAT 050 or placement exam	BUS 101
BUS 101 Organization and Management	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
HR 201 Management Theory and Practice	3	BUS 101	
IT 101 Computer Tools	3		
MKT 201 Marketing	3	BUS 101	
Total credits required	**21-22**		

Minor in Travel and Tourism

The minor is intended to provide the student with a basic knowledge of travel and tourism and the hospitality industries. It is particularly suited to students interested in sales, marketing, international cultural studies, and who have a keen interest in national and international tourism.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select FIVE of the following courses	15		
AV 103 Introduction to Travel and Tourism			
AV 204 Travel and Economic Geography			
AV 370 Tourism and Travel Management			
AV 415 Tourism Development			
BUS 201 Global Business			
BUS 205 Management of a Small Business			
Total credits required	**15**		

Associate in Applied Science—Business Administration

This degree program permits adults with work experience and others who do not expect to be able to complete a B.S. degree program to gain a broad understanding of the business environment in which they are employed or expect to be employed. The program also provides an introduction to the liberal arts.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	30		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 109 Mathematics for Managerial Science I		MAT 105 or placement exam	
MAT 301 Statistics		MAT 070 or placement exam	
ACC 1101 Elementary Accounting I	4	MAT 050 or placement exam	BUS 101
ACC 1102 Elementary Accounting II	4	ACC 1101	
BL 2101 Business Law I	3	BUS 101	
BL 2102 Business Law II	3	BL 2101	
BUS 101 Organization and Management	3		
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
Select **ONE** of the following courses	3		
ECO 2202 Principles of Microeconomics		ECO 1201	
ECO 2306 Money and Banking		ECO 1201	
ECO 3331/FIN 301 Principles of Finance	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 105 or placement exam	
HR 201 Management Theory and Practice	3	BUS 101	
IT 101 Computer Tools	3		
MKT 201 Marketing	3	BUS 101	
SFC 1001 Freshman Seminar	1		
Total credits required	**66**		



Mathematics

Office: Room 3204
Phone: (718) 489-5396

Chairperson
Dr. Fotios Paliogiannis

Professor
Guaraldo

Associate Professor
Paliogiannis

Assistant Professor
Gaynor

Professor Emeritus
Andres

Instructor
Shochat

Adjuncts
Ahmed
Brewster
Burke
Camilien
DiClementi
Jones
Margulis
Okobi
Salts
Schaefer

Department Mission

Mathematics belongs both to the sciences and to the liberal arts. Not only is it the language of science, but it is also studied for its own beauty. Its basic elements are logic and intuition, analysis and construction, and generality and individuality.

The department of Mathematics offers a wide spectrum of mathematics courses ranging from first-year courses to upper-level advanced courses that cover the full undergraduate curriculum in mathematics, leading to a B.S. in Mathematics. The challenging B.S. degree program is excellent preparation for graduate study at any university.

The Mathematics major and minor prepare students for careers in business, government, industry, teaching, and research. The rapid advances of science and technology have multiplied the domains in which mathematics is a prerequisite for a variety of applications in modern technologies. In today's technology-oriented climate, the department's graduates have new opportunities for employment and professional advancement.

Goals and Objectives

- *Introduce students to the fundamental areas of mathematics and train students in the analytical thinking characteristics of pure and applied mathematics.*
- *Teach students abstract mathematical reasoning and provide familiarity with rigorous methods of mathematical proof.*
- *Prepare mathematics majors for the competitive world of graduate studies in mathematics and related sciences.*

Program Requirements

Major in Mathematics

Students considering the Mathematics major should consult an advisor during their first or second semester to plan the proper course sequence and continue to consult the Chairperson of the Mathematics department at least once each semester. Students entering the major should have demonstrated knowledge of MAT 107 Pre-Calculus and MAT 202 Calculus I.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	44		
➡Select **BOTH** of the following courses to satisfy the Natural Science/Mathematics core requirement			
PHY 2001 General Physics I		MAT 202	
PHY 2002 General Physics II		PHY 2001	
Select **EITHER** Group A or Group B below [1]	6		
Group A—Select **TWO** foreign language courses in sequence			
Group B—Select **TWO** IT courses in sequence			
MAT 202 Calculus I	4	MAT 107 or placement exam	
MAT 203 Calculus II	4	MAT 202	
MAT 304 Calculus III	4	MAT 203	
MAT 312 Linear Algebra	4	MAT 203	
MAT 401 Differential Equations I	3	MAT 203	
MAT 403 Advanced Calculus I	4	MAT 304	
MAT 404 Advanced Calculus II	4	MAT 403	
MAT 409 Modern Algebra	3	MAT 304	
MAT 415 Probability Theory	3	MAT 304	
Select **THREE** MAT courses, excluding MAT 301	9		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	33		
Total credits required	**128**		

The successful completion of a set of comprehensive problems to be administered early in the senior year is a graduation requirement for a baccalaureate degree in Mathematics. This examination satisfies the College's Comprehensive Examination/Thesis requirement.

[1] Two courses in the same foreign language or two courses in Information Technology, at least one of which is a high-level computer language.

Minor in Mathematics

The purpose of the Mathematics minor is to provide the student with an introduction to some of the topics of higher mathematics. This minor would be especially useful to those students who intend to pursue graduate programs in the sciences, economics, and various areas of business, since knowledge of some higher mathematics is necessary for successful study in these fields.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
MAT 202 Calculus I	4	MAT 107 or placement exam	
MAT 203 Calculus II	4	MAT 202	
MAT 304 Calculus III	4	MAT 203	
MAT 312 Linear Algebra	4	MAT 203	
Select **TWO** of the following courses	6		
MAT 309 College Geometry		MAT 107	
MAT 401 Differential Equations I		MAT 203	
MAT 403 Advanced Calculus I		MAT 304	
MAT 406 Theory of Numbers		MAT 202	
MAT 408 Numerical Analysis		MAT 304 or MAT 401	
MAT 409 Modern Algebra		MAT 304	
MAT 413 Advanced Linear Algebra		MAT 312	
MAT 415 Probability Theory		MAT 304	
Total credits required	**22**		

Nursing

Office: Room 4311
Phone: (718) 489-5267

Chairperson
Dr. Susan Saladino

Associate Professors
Martin
Saladino

Note: Program is open only to qualified transfer students with a valid R.N. license.

Department Mission

The mission of the department of Nursing is consistent with the overall mission of the College—to promote the development of the whole person by integrating a liberal arts education with pre-professional programs. The department's mission encompasses the Franciscan tradition of service, equality, aesthetics, freedom, honor, dignity, justice, and truth within the context of professional nursing standards at the baccalaureate level (ANA Standards of Clinical Nursing Practice) to build a foundation of knowledge that will contribute to the development of the nursing profession as well as society as a whole.

Goals and Objectives

The student who successfully completes the Nursing program is able to:

- *Integrate knowledge from bio/psycho/social/spiritual dimensions in caring for individuals, families, groups, and communities.*
- *Apply the nursing process in the delivery of culturally competent nursing care.*
- *Apply principles of leadership and management in caring for individuals, families, groups, and communities.*
- *Demonstrate accountability and responsibility for individual nursing actions.*
- *Collaborate as a member of a multidisciplinary health care team.*
- *Analyze research findings and technological advances for their applicability to clinical practice.*
- *Analyze national and international health policy initiatives for their impact on service, equality, aesthetics, freedom, human dignity, justice, and health of populations.*
- *Critically analyze the rationale for the nursing care provided.*
- *Incorporate the Franciscan tradition of service, equality, aesthetics, freedom, honor, dignity, justice, and truth into daily nursing practice.*
- *Recognize the legal and ethical health policy ramifications central to the delivery of health care.*

Program Requirements

Major in Nursing

The Nursing program is registered with the New York State Education department and is accredited by the Commission on Collegiate Nursing Education (CCNE), the accrediting arm of the American Association of Colleges of Nursing. The Nursing major offers a Bachelor of Science degree to registered nurse candidates who complete the requirements listed below. The program requires that students demonstrate knowledge and skills in the liberal arts and sciences including mathematics, natural sciences, social sciences, history, the arts, and basic communication. Students may also receive college credit for proficiency in a foreign language.

Flexible scheduling permits full- or part-time study. Please note that the program is designed for nurses who wish to remain employed while continuing their education. Therefore, courses will be offered during the evening whenever possible. Students without sufficient liberal arts courses or students who wish to attend during the day may do so. Students interested in completing the Nursing program on a part-time basis are advised that they must complete a minimum of 12 credits per year, which may include credits taking during the summer sessions. In this way, the 62-credit program may be completed on a part-time basis in a five-year period.

When accepted into the program, student transcripts will be evaluated for transfer credits. A total of up to 98 credits completed with grades of *C* or higher may be transferred, including 30 credits in nursing. Students from diploma programs may make arrangements to earn up to 30 credits in nursing by successfully completing the NLN ACE Test II. Students proficient in a foreign language or native speakers of a foreign language may earn up to 16 credits by exam. All students must complete a minimum of 30 credits in residence at St. Francis College.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Nursing credits transferred	30		
BIO 140 Anatomy and Physiology for Health Science I	4		
BIO 141 Anatomy and Physiology for Health Science II	4	BIO 140	
BIO 300 Microbiology for Health-Related Sciences	4	BIO 141	
CHE 1101 Chemistry and Life I	4	MAT 050 or placement exam	
COM 203 Fundamentals of Speech	3		
IT 101 Computer Tools	3		
IT 250 Medical Informatics	3	IT 101	
Any MAT course 104 or higher	3	MAT 050 or placement exam	
MAT 301 Statistics	3	MAT 104 or higher or placement exam	
NUR 321 Physical Assessment	3		
NUR 322 Nursing Issues	3		
NUR 323 Professional Nursing Bridge (Clinical)	4	IT 101 NUR 321 NUR 322	NUR 324
NUR 324 Professional Nursing Bridge (Lecture)	3		NUR 323
NUR 421 Community/Public Health (Clinical)	4	COM 203 NUR 324	NUR 422
NUR 422 Community/Public Health (Lecture)	3		NUR 421
NUR 423 Nursing Leadership and Management	3	Department approval	
NUR 501 Nursing Seminar I	1		
NUR 502 Nursing Seminar II	1	Department approval	
NUR 600 Nursing Research	3	WRI 1500 MAT 301	
PSY 100 General Psychology	3		
Any 100- or 200-level REL course [1]	3		
WRI 1100 Writing in the Public Sphere	3	Placement by exam	
WRI 1500 Advanced Composition	3	WRI 1100	
Liberal Arts and Science electives	27		
Total credits required	**128**		

The successful completion of NUR 501 and NUR 502 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] REL 205 is recommended.

Philosophy

Office: Room 6009
Phone: (718) 489-5229

Chairperson
Dr. Sophie Berman

Professors
Galgan
Macchiarola
Udoff

Associate Professor
Berman

Assistant Professors
Bolan
Sadlier

Professors Emeriti
Langiulli
Slade

Adjuncts
Auerbach
Farley
Foley
Hurst
Nannery
Perricone

Department Mission

This program provides a sound foundation for graduate study in philosophy and for training in any field that demands developed analytical skills such as law, medicine, or theology. Its purpose is to make available to students conceptual instruments and sources with which to begin to effect for themselves the structuring of their intellectual experiences. Only insofar as the student achieves this has the College succeeded in attaining its primary goal as a liberal arts college: the formation of minds capable of responsible self-determination.

Goals and Objectives

- *Develop in students an understanding of the nature, purpose, and importance of the philosophical enterprise and invite them to engage personally in the activity of philosophizing. Fostering a spirit of wonder and questioning is an essential aspect of this goal.*
- *Develop in students a respect for reason as the main human characteristic as well as a respect for truth and its pursuit. In this spirit, students will sharpen their abilities to think critically, to consider issues in depth, to relate parts to wholes. They will learn to apply these abilities to examine and argue positions, understand their world, and formulate principles for action. The program will emphasize the value of critical thinking as a means to distinguish what is worth pursuing from what must be rejected.*
- *Address some of the major philosophical questions (which are none other than the fundamental questions confronting human beings as such) through a study of the views of philosophers belonging to a variety of traditions. Learning to read a primary text of the history of philosophy, and derive nourishment from it for one's own thought, constitutes an essential goal of the program.*

Program Requirements

Major in Philosophy

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select the following course to satisfy the Philosophy Elective core requirement			
PHI 3327 Metaphysics		PHI 2201 or PHI 2203	
Select TWO foreign language courses in sequence	6		
HIS 1101 Survey of Western Civilization (to 1500)	3		
HIS 1102 Survey of Western Civilization (since 1500)	3		
Select TWO Natural Science or Mathematics courses [1]	6		
PHI 3333 Philosophical Theology	3	PHI 2201 or PHI 2203	
PHI 3403 Moral Philosophy	3	PHI 2201 or PHI 2203	
PHI 3404 Political Philosophy	3	PHI 2201 or PHI 2203	
PHI 3431 Greek Philosophy	3	PHI 2201 or PHI 2203	
PHI 3432 Medieval Philosophy	3	PHI 2201 or PHI 2203	
PHI 3441 Modern Philosophy	3	PHI 2201 or PHI 2203	
PHI 3442 Twentieth-Century Philosophy	3	PHI 2201 or PHI 2203	
Select THREE PHI courses	9		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	36		
Total credits required	**129**		

To satisfy the College's Comprehensive Examination/Thesis requirement, Philosophy majors will be given an oral comprehensive examination in their last semester before graduation. Two weeks prior to the examination, the student will submit to the department, in writing, a list of all Philosophy courses taken at St. Francis College, along with a designation of a particular area, course, or philosopher that he/she would like examination questions to emphasize. However, students must also expect to be questioned on their philosophic education as a whole. Full-time professors, as well as any adjunct professor who wishes, will take part in administering this examination.

[1] If mathematics is used to satisfy the core curriculum requirement, then natural science must be selected, and vice versa.

Minor in Philosophy

The minor in Philosophy is intended for students who have the desire to increase their familiarity with and command of the issues and literature of Philosophy. The required courses for the minor are scheduled so as to be available to all students, whether attending classes primarily in the day or in the evening. The minor consists of 12 credits in Philosophy in addition to the nine credits taken to satisfy the core requirement in Philosophy for a total of 21 credits. These 12 credits are to be distributed in the following manner:

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select TWO of the following courses	6		
PHI 3431 Greek Philosophy		PHI 2201 or PHI 2203	
PHI 3432 Medieval Philosophy		PHI 2201 or PHI 2203	
PHI 3441 Modern Philosophy		PHI 2201 or PHI 2203	
PHI 3442 Twentieth-Century Philosophy		PHI 2201 or PHI 2203	
Select TWO of the following courses	6		
PHI 3310 American Philosophy		PHI 2201 or PHI 2203	
PHI 3312 Women in Philosophy		PHI 2201 or PHI 2203	
PHI 3315 Philosophy of History		PHI 2201 or PHI 2203	
PHI 3316 Philosophy of Art		PHI 2201 or PHI 2203	
PHI 3326 Philosophy of Science		PHI 2201 or PHI 2203	
PHI 3327 Metaphysics		PHI 2201 or PHI 2203	
PHI 3333 Philosophical Theology		PHI 2201 or PHI 2203	
PHI 3340 Special Problems in Ethics		PHI 2201 or PHI 2203	
PHI 3403 Moral Philosophy		PHI 2201 or PHI 2203	
PHI 3404 Political Philosophy		PHI 2201 or PHI 2203	
Total credits required	**12**		

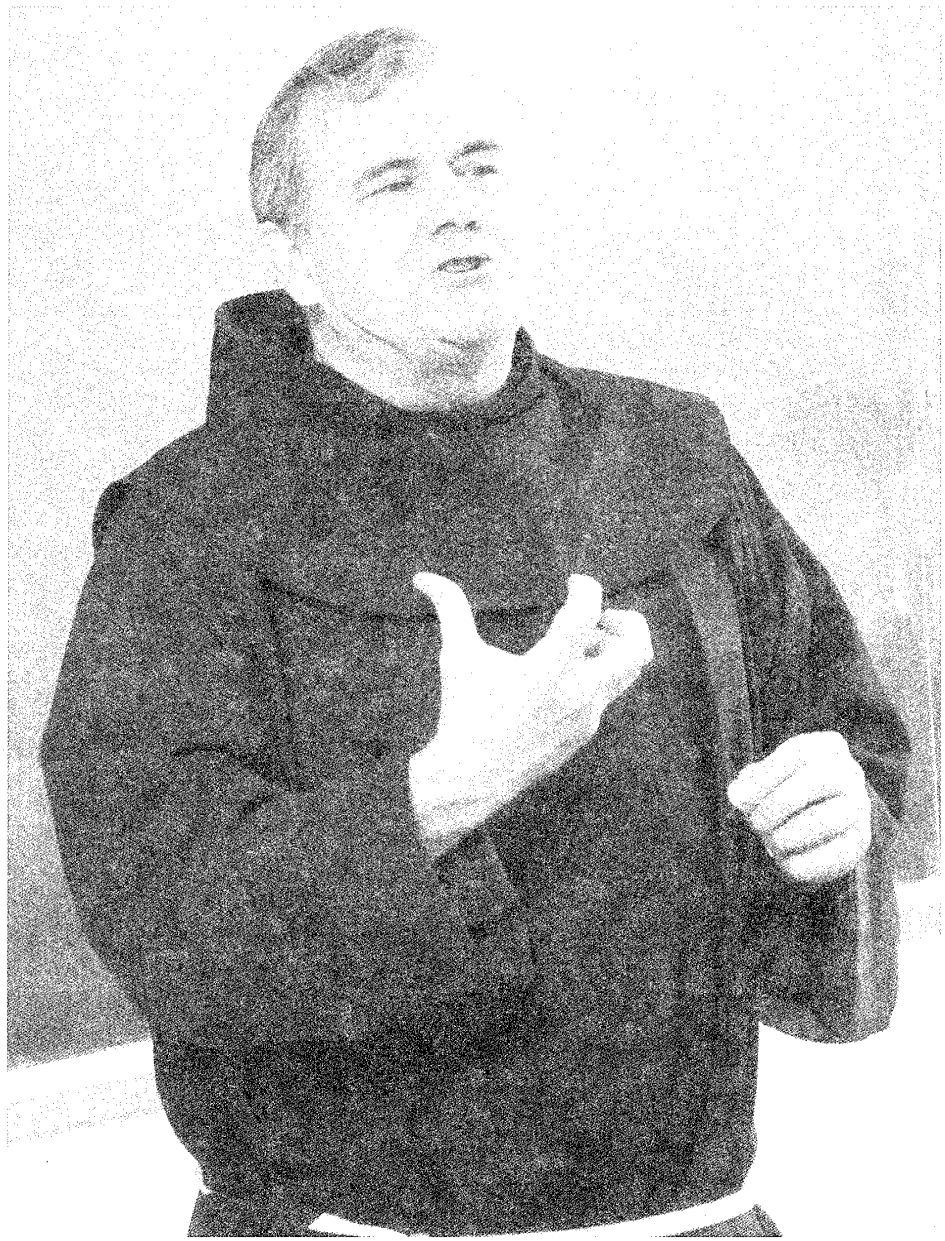
Department Courses

Nine credits in Philosophy are part of the core curriculum. Philosophy courses are sequenced in the following order:

Courses numbered between 1000 and 1999 are entry-level courses, introducing students to the activity of philosophy in its initial phases. One of these courses must be taken to fulfill the Core requirement in Philosophy at St. Francis College. These classes have no prerequisite.

Courses numbered between 2000 and 2999 are intermediate-level courses, giving theoretical expression to the matter introduced at the previous level. One of these courses must be taken to fulfill the Core requirement in Philosophy at St. Francis College. The prerequisite for these courses is any PHI course carrying a number between 1000 and 1999.

Courses numbered between 3000 and 4999 are advanced courses, taking students to the stage where they can address specific themes in philosophy as well as the history of philosophy and contemporary applications. One of these courses must be taken to fulfill the Core requirement in Philosophy at St. Francis College. The prerequisite for these courses is any PHI course carrying a number between 2000 and 2999. There are no prerequisites for persons who are not matriculated for a degree at St. Francis College.



Pre-Health Professions Programs

Office: Room 5200
Phone: (718) 489-5459

The pre-health professions programs prepare students to pursue further studies in professional schools for medicine, dentistry, podiatry, and veterinary medicine as well as allied health programs including medical technology, radiologic sciences, physician assistant, and diagnostic medical imaging. They also prepare students for entry into master's-level programs in occupational therapy, physical therapy, and midwifery. The major (degree) depends on the specific program selected (see catalogue descriptions).

St. Francis College offers several programs in cooperation with St. Vincent's Catholic Medical Centers, SUNY Downstate, Methodist Hospital of Brooklyn, NYU School of Dentistry, and the New York College of Podiatric Medicine.

Further specific information is available as listed below:

Program	Page
Health Promotion and Science	35
Medical Technology	40
Nursing	93
Physician Assistant	43, 44
Pre-Dental	39
Pre-Podiatry	40
Radiologic Sciences	41

Requirements for Medical, Dentistry, and Veterinary Schools

Students are advised that these programs do not require them to major in Biology or Chemistry, but do require the successful completion of certain science and Mathematics courses in sequence. Moreover, this sequence often must be completed prior to standardized entrance exams (e.g., MCAT or DAT) or application to specific programs. For this reason, students should begin the required courses in the freshman year and follow the sequence carefully.

Regardless of academic major, most health professions schools require:

Any AMI., BRI., DRA, or LIT course 2100 or higher
BIO 103 General Biology I
BIO 104 General Biology II
CHE 1201 General Chemistry I
CHE 1202 General Chemistry II
CHE 2101 Organic Chemistry I
CHE 2102 Organic Chemistry II
CHE 3001 Biochemistry
MAT 202 Calculus I
PHY 2001 General Physics I
PHY 2002 General Physics II
WRI 1100 Writing in the Public Sphere

The College strongly recommends that students interested in medicine or dentistry take at least three of the following courses:

BIO 206 Histology
BIO 250 Introduction to Cell Biology
BIO 301 Microbiology
BIO 303 Genetics
BIO 320 Molecular Biology
BIO 350 Physiology

Students should be aware that Advanced Placement courses from high school may not satisfy the science requirements for some advanced programs (consult the specific school's catalogue). While courses may be designated as required or recommended, students planning to enter highly competitive fields should take as many highly recommended courses as possible.

Finally, understanding that the pre-health professions programs are highly competitive, students are advised to plan alternative pathways. For instance, one's grades may not meet the standards, one may discover new career interests, or priorities may change. Planning an alternate route to further study or career may help direct the student's undergraduate work.

Advisement

As soon as possible upon admission to the College, interested students should consult the Liaison for Health Science Programs regarding an appropriate major. All students must declare a suitable major by the end of the fourth semester at the College. To be eligible for some forms of financial aid, transfer students may need to declare an academic major immediately. These students should nonetheless consult with an academic advisor before selecting their major.

Students should begin taking the required programs in the first year of college, especially those interested in one of the affiliated programs. Current information about requirements may be found in the most recent catalogue and supplement, from the Liaison for Health Science Programs, and from affiliated institutions.

It is important to note that acceptance to the College does not constitute formal admission into any of the majors offered by the College. Further, acceptance into any of these pre-health professions programs does not automatically guarantee placement in the clinical facilities of the professional phase of the program. Continued registration in these programs will require a minimum quality-point index, participation in colloquia and other presentations by the program, regular consultation with academic advisors, and participation in volunteer activity leading to familiarity with the health field.



Psychology

Office: Room 7204
Phone: (718) 489-5286

Chairperson
Dr. Steven A. Anolik

Professors
Anolik
Gielen

Associate Professors
Goodstein
Hirsch

Assistant Professor
Lancaster

Adjuncts
Alicea
Bourgeois
Broman
Kartanos
Magdaleno
Pagan
Perrone
Polnariev
Toussaint
Walsh

Department Mission

The Psychology department offers programs combining methodological and theoretical courses with fieldwork and the development of applied skills. Students learn about the origins and foundations of psychology through a wide array of courses and activities, including statistics, developmental psychology, the psychology of learning, social psychology, history and systems of psychology, experimental psychology, theories of personality, abnormal psychology, brain and behavior, seminar in cross-cultural psychology, seminar in identity and multiculturalism, seminar in health psychology, and seminar in clinical and counseling psychology. The department prepares students for the applied fields in psychology through courses in tests and measurements, group dynamics, industrial and organizational psychology, addictions, the psychology of the exceptional child, applied psychology, and field experience in psychology.

Goals and Objectives

- *Develop in students the knowledge of the scientific foundations in psychology and how research is conducted in the field.*
- *Require all students to demonstrate their understanding of research by conducting their own experimental study through an undergraduate thesis.*
- *Strengthen students' awareness of careers in psychology through applied courses, including field experience and advisement by faculty.*
- *Provide students with extracurricular activities to enhance their knowledge and appreciation of psychology through club activities, symposia, and field trips.*
- *Encourage faculty in psychology to support and carry out departmental goals through an atmosphere of mutual respect for both colleagues and students.*

Institute for International and Cross-Cultural Psychology

The Institute for International and Cross-Cultural Psychology (IICCP) was founded on March 6, 1998, by its current executive director Dr. Uwe P. Gielen. Its mission, to foster the internationalization of the science of psychology, translates into objectives at international and local levels: to sponsor research and publications in international and cross-cultural psychology; to promote, develop, and implement workshops, symposia, courses, and conferences at St. Francis College; to involve students in cross-cultural research; to foster a sense of involvement in and appreciation of the cultural richness of the St. Francis College community; and to create a network of ties with other interested psychological institutions in the USA and abroad.

One important objective of IICCP is to help internationalize the curriculum of St. Francis College. In achieving this goal, members are currently involved in teaching cross-culturally oriented courses in the department of Psychology, the International Studies Program, and the College-wide Honors program. In addition, IICCP sponsors SFC's annual Community Day. It is an international festival of prayer, music, dance, poetry, art, and cuisine.

Students, including members of the Psi Chi Chapter and the Psychology Club, have played an important role in the activities of the Institute. In addition, several interns from local high schools and colleges have served as assistants for various research projects.

The Institute has sponsored and supported the writing and editing of numerous articles and books. Recent volumes have focused on topics such as international migration, healing and therapy across cultures, global family and family therapy research, cross-cultural childhood research, and psychology in the Arab world. Additional volumes and research projects are in preparation.

A more detailed progress report of the Institute for the years 1998–2004 may be found at www.iiccp.freeservers.com.

Program Requirements

Major in Psychology

A major in Psychology, when combined with a broad program of other courses, prepares the student for future careers in mental health, social service, experimental research, business, and law. The program provides a solid foundation for future graduate studies in areas such as clinical, forensic, developmental, school,

counseling, and experimental and industrial-organizational psychology. There are opportunities for supervised field placement and independent research.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select **SIX CREDITS** of natural science to satisfy the Natural Science/Mathematics core requirement			
Select **TWO** foreign language courses in sequence	6		
Any MAT course	3		
PSY 100 General Psychology	3		
PSY 101 Introduction to Psychological Research	4	PSY 100	
PSY 203 Developmental Psychology I: Child and Adolescent Psychology	3		
PSY 205 Psychology of Learning	3	PSY 101	
PSY 207 Tests and Measurements	3	PSY 101	
PSY 300 Statistical Methods in Psychology	4	MAT 070 or placement exam PSY 101	
PSY 411 History and Systems of Psychology	3	PSY 101 Two PSY electives	
PSY 416 Experimental Psychology I	4	PSY 300	
PSY 417 Experimental Psychology II	4	PSY 416	
PSY 420 Applied Psychology	4	Psychology major Junior or senior standing	
PSY 460 Brain and Behavior	3	PSY 101 Two PSY electives	
PSY 470 Seminar in Psychology	3	Four PSY courses	
Select **TWO** of the following courses	6		
PSY 307 Theories of Personality		Three PSY courses	
PSY 312 Social Psychology		PSY 101	
PSY 313 Group Dynamics			
PSY 409 Abnormal Psychology		PSY 101 PSY 203	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	27		
Total credits required	**128**		

The successful completion of PSY 416 and PSY 417 satisfies the College's Comprehensive Examination/Thesis requirement.

Minor in Psychology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
PSY 100 General Psychology	3		
PSY 101 Introduction to Psychological Research	4	PSY 100	
PSY 203 Developmental Psychology I: Child and Adolescent Psychology	3		
PSY 411 History and Systems of Psychology	3	PSY 101 Two PSY electives	
Select **TWO** of the following courses	6		
PSY 307 Theories of Personality		Three PSY courses	
PSY 312 Social Psychology		PSY 101	
PSY 313 Group Dynamics			
PSY 409 Abnormal Psychology		PSY 101 PSY 203	
Total credits required	**19**		

Religious Studies

Office: Room 6008
Phone: (718) 489-5235

Chairperson
Dr. K. Priscilla Pedersen

Professors
Largo
Udoff

Associate Professor
Pedersen

Adjuncts
Carrano
Danzi
Egler
Hartling
Tyrrell

Department Mission

The academic field of Religious Studies takes as its object of study all aspects of the different religions of humanity. It is a multidisciplinary field using a variety of methods and approaches. Religious Studies is an excellent preparation not only for graduate work in religious studies, theology, or religious ministry, but also for graduate studies and professional work in history, literature, philosophy, art, and social science as well as political science, international affairs, and law.

At St. Francis College, Religious Studies aims to enable students to understand and appreciate the religious beliefs and practices of all peoples in cultural and historical perspectives and to offer to each student the means to a disciplined reflection on the life of religious faith. This is done through the core curriculum course required of all students, electives open to all students, and the major and minor in Religious Studies.

Goals and Objectives

- *Provide courses in Religious Studies as a significant contribution to a liberal arts education and the core curriculum.*
- *Collaborate with other departments on interdisciplinary courses and programs.*
- *Provide departmental majors and minors with a knowledge of one or more religious traditions and a grasp of the methods of the study of religion.*
- *Provide all students with the ability to deal comparatively with the basic themes of religion and to look at issues of religion in the light of evidence and reasonable reflection.*
- *Foster among students a spirit of positive engagement with religions other than their own through class work and site visits, and to conduct all affairs of the department in the same spirit of engagement and respect.*

Program Requirements

Major in Religious Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
➡Select the following course to satisfy the Religious Studies core requirement			
REL 101 Survey of the World's Religions			
Select **FOUR** foreign language courses in sequence [1]	12		
Select **ONE** of the following courses	3		
REL 202 Central Themes of the Old Testament			
REL 203 Central Themes of the New Testament			
Select **ONE** of the following courses	3		
REL 204 Contemporary Moral Issues		Sophomore standing	
REL 205 Moral Values and Health Issues			
Select **TWO** of the following courses	6		
REL 212 The Christian Tradition			
REL 245 Judaism			
REL 251 Religions of Africa and the African Diaspora			
REL 252 Religions of Asia			
Select **THREE** REL courses	9		
Select **FOUR** REL courses 300 or higher	12		
Select **FOUR** HIS, ICS, PSC, PSY, or SOC courses	12		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	27		
Total credits required	**129**		

The successful completion of a comprehensive examination or project satisfies the College's Comprehensive Examination/Thesis requirement. Students who elect to complete a project must obtain prior approval from the department Chairperson.

[1] Student must elect 12 credits or demonstrate the equivalent ability in one language.

Minor in Religious Studies

The minor consists of three required courses and three elective religious studies courses for a total of 18 credits.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
REL 101 Survey of the World's Religions	3		
Select **ONE** of the following courses	3		
REL 202 Central Themes of the Old Testament			
REL 203 Central Themes of the New Testament			
Select **ONE** of the following courses	3		
REL 204 Contemporary Moral Issues		Sophomore standing	
REL 205 Moral Values and Health Issues			
Select **THREE** REL courses	9		
Total credits required	**18**		

Sociology and Criminal Justice

Office: Room 3201
Phone: (718) 489-5435

Chairperson
Dr. Michael Kaune

Associate Professor
Kaune

Assistant Professors
Horowitz
Mathur

Adjuncts
Boian
Bruno
Capela
Ford-Anderson
Fox
Gjelaj
Grady
Kimmel
Long
Lynn
Pollini

Department Mission

The mission of the department of Sociology and Criminal Justice is to motivate students to think deeply about social issues, ask questions, continue to question, and understand that there are many justifiable ways of examining situations. We seek to foster a temperament in which objectivity, application of the scientific method, and critical thinking is central. Our department intends to equip the student with a basic understanding of a field of study through which they should become better citizens, more tolerant individuals, and intellectually prepared for participation in the work force.

Goals and Objectives

- *Raise the awareness of our students about social issues and the social context.*
- *Develop critical thinking and objectivity in our students.*
- *Convey the interconnectedness of learning and knowledge to our students.*
- *Equip students with tolerance, understanding, and the confidence to participate in the real world with all its personal and professional challenges.*



Program Requirements

Major in Criminal Justice

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
CJ 1020/SOC 1020 Introduction to Criminal Justice	3		
CJ 2010/SOC 2010 Criminology	3	SOC 1000	
CJ 2030 Police Practices and Procedures	3	CJ 1020/SOC 1020	
CJ 2040 Probation and Parole	3	CJ 1020/SOC 1020	
CJ 2050 The Sociology of Correctional Institutions	3	CJ 1020/SOC 1020	
CJ 2070/SOC 2070 Sociology of Minority Groups	3	CJ 1020/SOC 1020 SOC 1000	
CJ 2080 Rights of the Accused	3	CJ 1020/SOC 1020	
CJ 3000 Criminal Law	3	CJ 1020/SOC 1020	
CJ 4990 Internship	1-3	24 CJ credits Junior or senior standing	
CJ 4998 Criminal Justice Senior Seminar	3	30 CJ credits Senior standing	
Select **FOUR** CJ courses	12		
Select **EITHER** Group A or Group B below [1]	6		
Group A—Select **TWO** foreign language courses in sequence			
Group B—Select **TWO** IT courses in sequence except IT 101			
IT 101 Computer Tools	3		
PSY 100 General Psychology	3		
SOC 2000 Social Problems	3	SOC 1000	
SOC 4210 Social Research Methods	3	SOC 1000	
SOC 4220 Quantitative Methods for Sociology	3	SOC 4210	
Liberal Arts electives	9		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	12		
Total credits required	**127-129**		

The successful completion of CJ 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] Two courses in the same foreign language or two courses in Information Technology, at least one of which is a high-level computer language.

Major in Sociology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
CJ 2070/SOC 2070 Sociology of Minority Groups	3	CJ 1020/SOC 1020 SOC 1000	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 3308 Urban Economics	3	ECO 1201	
Select **EITHER** Group A or Group B below [1]	6		
Group A—Select **TWO** foreign language courses in sequence			
Group B—Select **TWO** IT courses in sequence			
Mathematics or Science [2]	6		
Select **ONE** of the following courses	3		
PSC 2304 State and Local Government		15 college credits	
PSC 2306 Metropolitan Government and Politics		15 college credits	
PSY 100 General Psychology	3		
Select **ONE** of the following courses	3		
PSY 312 Social Psychology		PSY 101	
PSY 313 Group Dynamics			
Select **EITHER** Group A or Group B below	6		
Group A—Select **BOTH** of the following courses			
CJ 1020/SOC 1020 Introduction to Criminal Justice			
CJ 2010/SOC 2010 Criminology		SOC 1000	
Group B—Select **BOTH** of the following courses			
SOC 2030 Introduction to Social Work		SOC 1000	
SOC 4991 Social Work Practicum I		SOC 2030 Junior or senior standing	
SOC 2000 Social Problems	3	SOC 1000	
Select **ONE** of the following courses	3		
SOC 3010 Sociology of the Family		SOC 1000	
SOC 3030 Sociology of Religion		SOC 1000	
SOC 3020 Theory and History of Sociology	3	SOC 1000 Junior or senior standing	
SOC 4210 Social Research Methods	3	SOC 1000	
SOC 4220 Quantitative Methods for Sociology	3	SOC 4210	
SOC 4990 Internship	1-3	SOC 4210 Junior or senior standing	
SOC 4998 Sociology Senior Seminar	3	SOC 4220 Senior standing	
Select **THREE** SOC courses	9		
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	18		
Total credits required	**127-129**		

The successful completion of SOC 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] Two courses in the same foreign language or two courses in Information Technology, at least one of which is a high-level computer language.

[2] If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.

Major in Sociology—Concentration in Social Work

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	42		
CJ 2060/SOC 2060 Child Welfare	3	SOC 1000	
CJ 2070/SOC 2070 Sociology of Minority Groups	3	CJ 1020/SOC 1020 SOC 1000	
CJ 3060/SOC 3060 Law and Society	3	SOC 1000	
ECO 1201 Principles of Macroeconomics	3	MAT 050 or placement exam (pre- or co-requisite)	
ECO 3308 Urban Economics	3	ECO 1201	
IT 101 Computer Tools	3		
Select **EITHER** Group A or Group B below [1]	6		
Group A—Select **TWO** foreign language courses in sequence			
Group B—Select **TWO** IT courses in sequence except IT 101			
Select **TWO** Natural Science or Mathematics courses [2]	6-8		
PSY 100 General Psychology	3		
PSY 203 Developmental Psychology I: Child and Adolescent Psychology	3		
PSY 204 Developmental Psychology II: Adulthood and Aging	3		
Select **ONE** of the following courses	3		
PSY 312 Social Psychology		PSY 101	
PSY 313 Group Dynamics			
SOC 2000 Social Problems	3	SOC 1000	
SOC 2030 Introduction to Social Work	3	SOC 1000	
SOC 3010 Sociology of the Family	3	SOC 1000	
SOC 3020 Theory and History of Sociology	3	SOC 1000 Junior or senior standing	
SOC 4210 Social Research Methods	3	SOC 1000	
SOC 4220 Quantitative Methods for Sociology	3	SOC 4210	
SOC 4991 Social Work Practicum I	3	SOC 2030 Junior or senior standing	
SOC 4992 Social Work Practicum II	3	SOC 4991 (may be taken as pre- or co-requisite	
SOC 4998 Sociology Seminar	3	SOC 4220 Senior standing	
Any FIT course or HS 100A	2		
SFC 1001 Freshman Seminar	1		
Free electives	15		
Total credits required	**129-131**		

The successful completion of SOC 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

[1] Two courses in the same foreign language or two courses in Information Technology, at least one of which is a high-level computer language.

[2] If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.

Minor in Forensic Science

The minor in Forensic Science (sometimes called criminalistics) introduces students to the process of crime-scene investigation and evidence collection along with standard procedures in the crime lab and sub-disciplines of forensic science such as forensic biology, forensic chemistry, and toxicology.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
BIO 150 Forensic Biology	3		
CHE 1101 Chemistry and Life	4		
CJ 1020 Introduction to Criminal Justice	3		
Select **TWO** of the following courses	6		
CJ 3010 Forensic Science		CJ 1020/SOC 1020	
CJ 3012 Criminal Investigation		CJ 1020/SOC 1020	
CJ 4000 Special Topics in Criminal Justice [1]		Chairperson approval	
IT 270 Computer Forensics		IT 101	
Total credits required	**16**		

[1] Some CJ topics courses will satisfy this requirement. Consult with department Chairperson before enrolling in any CJ topics course to determine if it may be used in this minor.

Minor in Sociology

Sociology has relevance for almost every academic major. In the fields of business and accounting, graduates are expected to have some sociological sophistication. The other social and behavioral sciences—economics, political science, and psychology—require basic sociological knowledge. Students aspiring to the world of communications also need more than a passing understanding of today's society. This minor aims to provide students with a complement to their chosen major field.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
SOC 1000 Principles of Sociology	3		
SOC 2000 Social Problems	3	SOC 1000	
Select ONE of the following courses	3		
SOC 3020 Theory and History of Sociology		SOC 1000	
SOC 4210 Social Research Methods		SOC 1000	
Two elective courses chosen with advisor's consent	6		
Total credits required	**15**		

Associate of Applied Science in Criminal Justice

Students applying for Criminal Justice associate's degrees must take at least 9 credit hours in Criminal Justice courses at St. Francis College, including CJ 1020/SOC 1020 and CJ 2010.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	30		
CJ 1020/SOC 1020 Introduction to Criminal Justice	3		
CJ 2010/SOC 2010 Criminology	3	SOC 1000	
Select THREE CJ courses	9		
Select ONE of the following courses	3		
PSC 2304 State and Local Government		15 college credits	
PSC 2306 Metropolitan Government and Politics		15 college credits	
PSC 3405 Intro to Law and the American Judicial Process		PSC 1204	
PSY 100 General Psychology	3		
Select ONE of the following courses	3		
PSY 312 Social Psychology		PSY 101	
PSY 313 Group Dynamics			
SOC 2000 Social Problems	3	SOC 1000	
SFC 1001 Freshman Orientation	1		
Free electives	6		
Total credits required	**64**		

Special Studies

Office: Room 3006
Phone: (718) 489-5312

Note: Program is open only to qualified transfer students.

Program Mission

The Bachelor of Science degree in Special Studies is designed for the student seeking a flexible program of study tailored to individual needs. Students who are planning a career change or who are seeking to enhance previously acquired skills with academic attainment will find the opportunity to tailor make a curriculum especially beneficial.

Goals and Objectives

- *Provide non-traditional students the opportunity to complete a meaningful college education.*
- *Allow students to combine classroom learning with lifetime experience in a comprehensive course of study.*
- *Enrich students with the skills, discipline, and perspective of a liberal education.*

Program Requirements

At least half of the total 128 credits must be in the liberal arts and sciences. This requirement can be met through transfer credit, credit for experiential learning, or study at St. Francis College. Each student develops, with the help of an educational advisor, an individualized interdisciplinary program drawn from various academic departments with no more than 21 credits in any one department.

Candidates for admission should submit approximately two years, or 60 academic credits, of post-secondary education taken at another institution. Transfer credit will be awarded in accordance with College policy as approved by faculty. Students who have substantial experience through professional, community, and personal endeavors may apply to participate in the Experiential Learning program. This program requires students to challenge the credits for specific college courses through the preparation of an extensive portfolio documenting the student's expertise and experience in any academic discipline.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum	21		
IT Computer Tools	3		
Liberal Arts electives	42		
Any FIT course or HS 100A	2		
Free electives	60		
Total credits required	**128**		

Women's Studies

Office: Room 5202A
Phone: (718) 489-5455

Coordinators
Dr. Michele Hirsch (for administrative affairs)
Dr. Suzanne Forsberg (for interdisciplinary curricula and cultural events)

Program Mission

The minor in Women's Studies is an interdisciplinary program of study to promote pedagogical understanding and communication of the role of women and their contributions to society. By focusing on the biological, psychological, and social aspects of women within their unique cultures and areas of expertise, the minor endeavors to highlight their contributions to literature, the arts, and the sciences. An integration of coursework and cultural events will deepen an appreciation for women and their struggle for independence and equality.

Goals and Objectives

- *Endorse critical thinking and writing about women/gender issues as they are reflected in various disciplines.*
- *Develop a historical perspective of women and their struggles for independence and equality.*
- *Examine gender roles and balance of power differentials across different settings.*
- *Promote cultural events that support an appreciation for women and their roles in cultures, societies, and institutions.*

Program Requirements

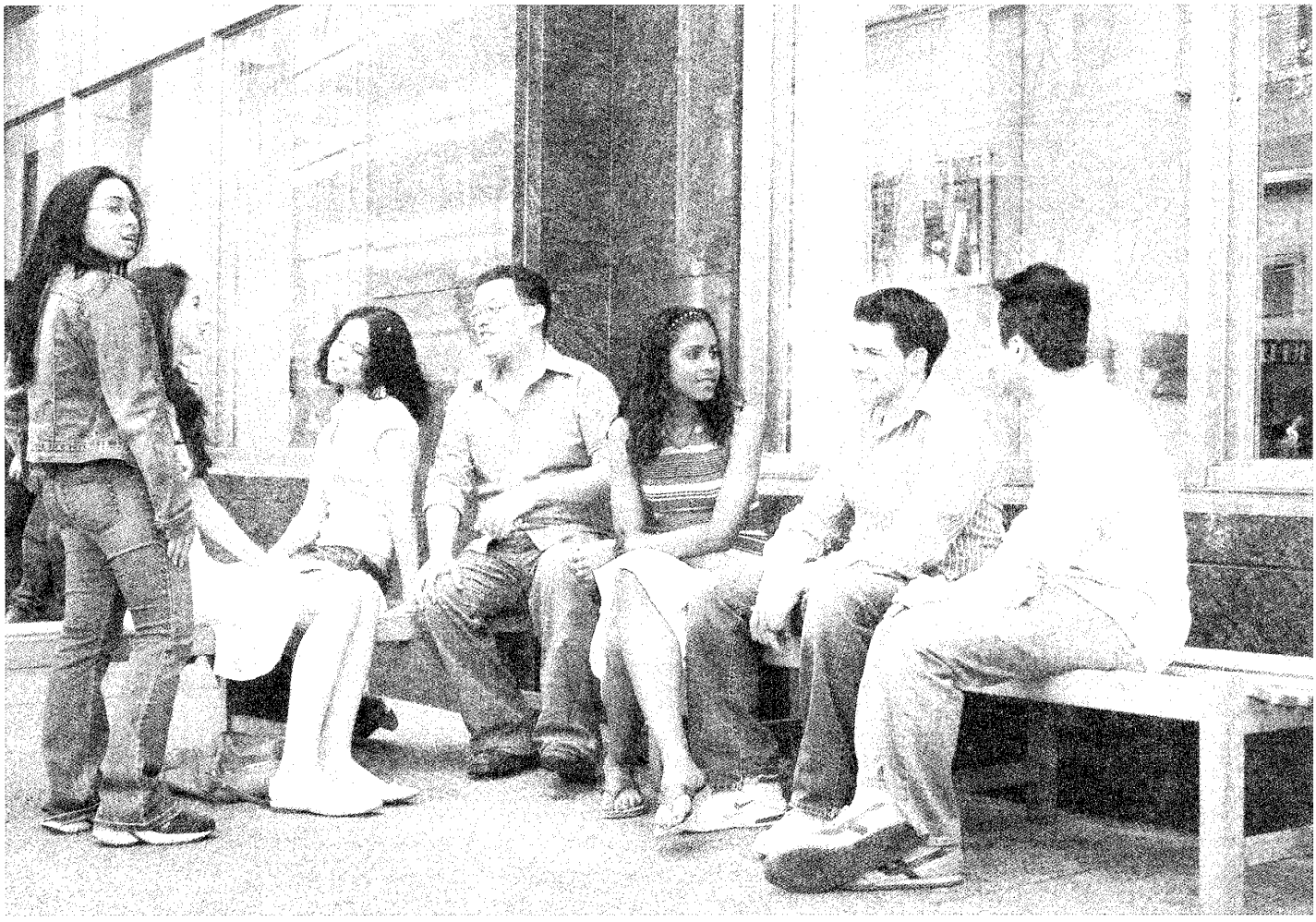
Minor in Women's Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
HS 403 Women's Health Issues	3		
PSY 329 Psychology of Women	3		
PSY 370/SOC 3370 Gender Roles in Cross-Cultural Perspectives	3	PSY 100 SOC 1000	
Select THREE of the following courses	9		
ECO 3340 Gender and the Economy		ECO 1201	
FA 410 Women in the Arts and Sciences (Honors)		FA 402	
PHI 3312 Women in Philosophy		PHI 2201 or PHI 2203	
PSC 2325 Women and Politics		15 college credits	
SOC 3010 Sociology of the Family		SOC 1000	
Total credits required	**18**		

Suspended Programs

The following programs, although registered with the State of New York, will not be offered during the life of this catalogue.

Program	Associate's Degree	Bachelor's Degree	Master's Degree	Certificate	Teaching Certification	HEGIS Code	NYS Inventory	CIP Code
Accounting Business and Practice Teacher Training		B.S.			7-12	0838.00	09513	13.1303
Airway Science		B.S.				0599.00	90157	49.0101
Aviation Administration		B.S.				0599.00	82279	49.0104
Aviation Business Studies		B.S.				0599.00	82280	49.0104
Corporate Accounting				Pre-Bacc		5002.00	84281	52.0302
Electronic Data Processing	A.S.					5101.00	80133	11.0301
Electronic Data Processing				Pre-Bacc		5101.00	84282	11.0301
Finance				Pre-Bacc		5003.00	84283	52.0803
French		B.A.				1102.00	09514	16.0901
French Teacher Training		B.A.			7-12	1102.01	09515	13.1325
General Business				Pre-Bacc		5001.00	84284	52.0101
Health Care Management				Pre-Bacc		5218.00	78362	51.0703
Health Care Management		B.S.				1202.00	78363	51.0701
Health Services Administration		B.S.				1202.00	09518	51.0701
Human Resources				Pre-Bacc		5004.00	84285	52.0201
Marketing				Pre-Bacc		5004.00	84286	52.0201
Paralegal Studies				Pre-Bacc		5099.00	88276	22.0302
Spanish Teacher Training		B.A.			7-12	1105.01	09516	13.1330



COURSES OF INSTRUCTION

Accounting [ACC] Courses

For specific course information, contact the Accounting department in room 5003 or call (718) 489-5283.

Undergraduate Courses

ACC 1001 Introduction to Accounting

Intended for non-business majors. An introduction to accounting as the universal language of business. A study of the postulates and concepts underlying the preparation of basic corporate financial statements. The preparation of such statements is considered; analysis and interpretation of the statements are strongly emphasized. Prerequisite: MAT 050 or a passing grade on the math placement test. 3 credits. Offered as needed.

ACC 1101 Elementary Accounting I

An introduction to the basic principles of accounting including the accounting cycle, classified financial statements and the measurement and valuation of current assets, current liabilities and non-current assets. Prerequisite: MAT 050 or a passing grade on the math placement test. Co-requisite: BUS 101. 4 credits. Every semester; day and evening.

ACC 1102 Elementary Accounting II

A continuation of the basic accounting principles learned in ACC 1101. Specific topics include accounting for partnerships, corporate owners' equity, long-term liabilities, statement of cash flows, financial statement analysis, and aspects of managerial accounting. Prerequisite: ACC 1101. 4 credits. Every semester; day and evening.

ACC 2101 Intermediate Accounting I

An in-depth analysis of accounting theory and financial reporting, combining theory and problems. Emphasizes asset and liability valuation and the corresponding measurement of revenues and expenses. Specific topics include the accounting process and adjustments, classified financial statements, conceptual framework underlying financial accounting, and recognition and measurement of current and non-current assets. Several assignments using EXCEL are required during the semester. Prerequisites: IT 101 (may be taken concurrently) and ACC 1102. 4 credits. Fall semester; day and evening.

ACC 2102 Intermediate Accounting II

A continuation of ACC 2101. Specific topics include recognition and measurement of current and non-current liabilities, stockholders' equity, dilutive securities, investments, revenue recognition problems, accounting for income taxes, accounting changes and errors, and statement of cash flow. Several assignments using EXCEL are required during the semester. Prerequisite: ACC 2101. 4 credits. Spring semester; day and evening.

ACC 2201 Accounting Information Systems

This course is designed to introduce the student to computer applications in accounting. Students learn about the design and development of accounting systems. In addition, students learn how to computerize a manual system of accounting using a general ledger package. A variety of accounting problems are demonstrated. Students have hands-on experience completing various computer projects. Prerequisites: ACC 1101 and IT 101. Lab fee. 3 credits. Spring semester; day.

ACC 3301 Cost Accounting

The managerial use of cost data for routine planning, budgeting and control, and for long-range planning; product costing using job order, process, and standard costs. Prerequisites: IT 101 (may be taken concurrently) and either ACC 1001 or ACC 1102. 3 credits. Fall semester; day and evening.

ACC 4101 Advanced Accounting Problems

The course provides a comprehensive study in the areas of business combinations, consolidated financial statements, foreign currency transactions, segment reporting, fund accounting, and governmental accounting. A detailed analysis is conducted on the use of the purchase method of accounting for investments in subsidiaries. The underlying concepts behind accounting for nonprofit and governmental entities are also examined. Prerequisite: ACC 2102. 3 credits. Fall semester; day and evening.

ACC 4112 Current Issues in Accounting

This course is required for all graduating seniors *not* pursuing C.P.A. certification. The course provides a comprehensive study in the areas of pensions, leases, accounting changes, revenue recognition, and income tax allocation. Relevant recent pronouncements of the Financial Accounting Standards Board (FASB), Securities Exchange Commission (SEC), Auditing Standards Board (ASB), and so on are also discussed. A term paper is required. Prerequisite: ACC 4101. 3 credits. Offered as needed.

ACC 4401 Auditing Principles

Principles, standards, procedures, and techniques of auditing. Emphasis on the analytical approach, including electronic data processing, statistical sampling, and risk assessment; types of audit examinations with appropriate reports; and evaluation of assets and substantiation of liability and equity accounts. Prerequisite: ACC 2101. 3 credits. Spring semester; day and evening.

ACC 4402 Advanced Auditing

This course is a continuation and expansion of ACC 4401. The auditor's use of programs to audit information systems through computer applications, including evaluation and testing of internal control while being cognizant of fraud, is a major focus. The integration of integrity and ethics to both financial and internal audits through professional and legislative rules are stressed throughout the course. Prerequisites: ACC 2201 and ACC 4401. 3 credits. Offered as needed.

ACC 4411 Management Auditing

This course is directed to students pursuing careers outside public accounting, namely private industry and not-for-profit organizations. The course purpose is to introduce the student to internal auditing of accounting records and to focus on reporting to corporate and governing boards of organizations in accordance with ethical standards. Course objectives include understanding of internal auditing principles with emphasis on elec-

tronic data processing, statistical sampling and risk assessment; collection of evidence relating to internal control, and the flow of accounting information through an organization including ethical financial standards and compliance. The ability to write operational audit reports is emphasized. All the tools for accumulating evidential documentation regarding management evaluation are included. Topics are covered through lectures, case studies, class interaction, and report writing. Prerequisite: ACC 2101. 3 credits. Offered as needed.

ACC 4421 Internal Auditing

This course provides the tools and techniques needed to enter the corporate internal audit department. Included are the standards and components of internal auditing, report writing, computer control and audit, operational auditing, and the major differences between external and internal auditing. Prerequisites: BUS 101 and either ACC 1001 or ACC 1102. 3 credits. Offered as needed.

ACC 4501 Taxation for Individuals

A study of the basic principles of federal income taxation as applied to individuals. Prerequisite: ACC 1001 or ACC 1102. 3 credits. Fall semester; day and evening.

ACC 4502 Taxation for Business Organizations

A study of the basic principles of federal taxation emphasizing corporations, individuals, partnerships, estates, trusts, and gift taxes. Special emphasis is given to the differences between federal income tax principles and financial reporting according to GAAP. Review and application of individual tax returns using computer software packages. Prerequisite: ACC 4501. 3 credits. Spring semester; day and evening.

ACC 4512 New York State and City Taxation

A study of the basic principles of New York State and City taxation emphasizing corporations, individuals, partnerships, estate trusts, and sales taxes. Special emphasis is given to the difference between federal and state taxes. Prerequisite: ACC 4501. 2 credits. Offered as needed.

ACC 4611 Accounting for Not-for-Profit Organizations

To develop an understanding of not-for-profit accounting principles, auditing issues, and tax-filing requirements. The integration of integrity and ethics to financial statement presentation and tax return preparation are emphasized. Prerequisite: ACC 1102. 3 credits. Offered as needed.

ACC 4990 Accounting Internship

Supervised work experience in various fields of accounting—including submission of a written report. Maximum two semesters. Prerequisites: Prior application and approval of the department Chairperson. 1-3 credits. Every semester.

ACC 4995 Independent Study in Accounting

Individual research and study—including submission of a written report. Maximum two semesters. Prerequisites: Prior application and approval of the department Chairperson. 1-3 credits. Every semester.

ACC 4998 Senior Seminar in Accounting

A study of current literature, current accounting topics, and recent professional pronouncements through active participation, oral presentations, and a research paper. Maximum enrollment of 15 students. Prerequisite: ACC 4101. 3 credits. Spring semester; day and evening.

Graduate Courses

ACC 6201 Advanced Accounting Information Systems

This course is designed to provide a detailed study of integrated components within an accounting information system. A thorough investigation of current issues that pertain to information technology is conducted. Students utilize the database approach to design and develop a complex system of storing and retrieving data. Students use Microsoft Access to query data to write analysis reports for various case assignments. Prerequisites: ACC 2201 and ACC 4101. 3 credits. Offered as needed.

ACC 6402 Advanced Auditing

This course is a continuation and expansion of ACC 4401. The auditor's use of programs to audit information systems through computer applications, including evaluation and testing of internal control while being cognizant of fraud, is a major focus. The integration of integrity and ethics to both financial and internal audits through professional and legislative rules is stressed throughout the course. Prerequisites: ACC 2201 and ACC 4401. 4 credits. Offered as needed.

ACC 6502 Taxation for Business Organizations

A study of the basic principles of federal income taxation emphasizing corporations, individuals, partnerships, estates, trusts, and gift taxes. Special emphasis is given to the differences between federal income tax principles and financial reporting according to GAAP. Review and application of individual tax returns using computer software packages. Prerequisite: ACC 4501. 4 credits. Offered as needed.

ACC 7998 Graduate Seminar in Accounting

A study of current accounting topics and recent professional pronouncements through active participation, oral presentations, and a research paper. Prerequisite: ACC 4101. 4 credits. Offered as needed.

Adolescence Education [AED] Courses

Effective fall 2005, the Education department modified its curriculum. Education courses appear as Adolescent Education [AED], Childhood Education [CED], Education [ED], Fitness [FIT], and Physical Education [PE]. PE courses will *not* satisfy the College's Fitness requirement. Students interested in physical activities, fitness, or exercise should refer to Fitness [FIT] courses. *For further information, please refer to the Education department in the yellow section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

AED 301 Methods and Strategies of Secondary Education

An analysis of methodology and procedures used for organizing and implementing instruction in the junior and senior high school classroom. Focus on adolescent psychology and various aspects of the learning process, including motivation, learning styles, individual needs, and group process. 3 credits. Offered as needed; day.

AED 420 Special Methods of Secondary Reading Instruction

Special methods, aims, and objectives in teaching reading across the curriculum on the secondary level, including developmental and remedial techniques and the use of instructional technology are covered during the semester. Additionally, this course addresses commencement literacy standards. Planning, supervision, and guidance are provided jointly by the English and Education departments. This course includes 15 hours of field experience. Prerequisites: AED 301 and ED 402. 3 credits. Spring; day and evening.

AED 422 Special Methods of Secondary English

Teaching various forms of writing, literature, and spelling at the secondary level; the general aims and purposes of these forms; audio-visual aids, projects, library materials, and bibliographical references for the adolescent; and the impact of mass media on the secondary school curriculum. Incorporates instructional technology and addresses commencement standards. Offered in conjunction with the English department. Planning, supervision, and guidance are provided jointly by the English and Education departments. Prerequisites: AED 301 and ED 402 and English department approval. 3 credits. Spring semester; day.

AED 423 Special Methods of Secondary Mathematics

The teaching of mathematics in grades 7 through 12; procedures, techniques, and materials; opportunities for student presentations; and discussion of diagnostic instruction. Use of instructional technology. Addresses commencement standards. Offered in conjunction with the Mathematics department. Planning, supervision, and guidance are provided jointly by the Mathematics and Education departments. Includes 15 hours of field experience. Prerequisites: AED 301 and ED 402 and Mathematics department approval. 3 credits. Spring semester; day.

AED 425 Special Methods of Secondary Social Studies

Specific methods and techniques for the secondary-level social studies teacher. Teaching aids, use of library, use of instructional technology, focus on current events, and bibliographical references. Meeting the needs of exceptional, disadvantaged, and average students. Developing units of study and model lessons. Addresses commencement standards. Technology assisted. Offered in conjunction with the department of History, Political Science, and Social Studies. Planning, supervision, and guidance are provided jointly by the History and Education departments. Prerequisites: AED 301 and ED 402. 3 credits. Spring semester; day.

AED 426 Special Methods of Secondary Biology

A study of basic principles, classroom practices, and curriculum trends in secondary school biology. Evaluating, selecting, and preparing materials for teaching biology. Laboratory methods for individual and group experiments and the organization of materials for classroom use. Technology assisted. Offered in conjunction with the Biology department. Planning, supervision, and guidance are provided jointly by the Biology and Education departments. Prerequisites: AED 301 and ED 402. 3 credits. Spring semester; day.

AED 427 Special Methods of Secondary Chemistry

Study of basic principles, classroom practices, and curriculum trends in secondary school chemistry. Evaluating, selecting, and preparing materials for teaching chemistry. Laboratory methods for individual and group experiments, and the organization of materials for classroom use. Technology assisted. Offered in conjunction with the Chemistry department. Planning, supervision, and guidance are provided jointly by the Chemistry and Education departments. Prerequisites: AED 301 and ED 402. 3 credits. Spring semester; day.

American Literature [AML] Courses

Effective fall 2005, the English department modified its curriculum. English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], International Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the yellow section of this book. For specific course information, contact the English department in room 6005 or call (718) 489-5217.

Gateway Courses

AML 2110 The Promise of Equality: Race in American Literature and Culture

This course begins with the declaration from the U.S. Constitution that: "All men are created equal." The struggle to live up to this ideal has been a major preoccupation of American literature. In this course, we explore a wide variety of texts that focus on the experiences of racism, diversity, and the struggle for equality. Prerequisite: WRI 1100. 3 credits. Spring 2006.

AML 2120 Cowboys, Debutants, and Cyborgs: Gender in American Literature and Culture

This course explores how male and female identity is constructed and represented in a wide variety of American texts. We explore the changing ideals of manhood and femininity in an attempt to uncover how these texts present both "acceptable" and marginalized gender roles. Prerequisite: WRI 1100. 3 credits. Spring 2007.

AML 2130 Myth of Prosperity: Class in American Lit and Culture

Is the American Dream a myth? From the optimism of Benjamin Franklin to present-day corporate greed, this course investigates various manifestations of the American search for freedom from poverty, self-sufficiency, and social mobility. Prerequisite: WRI 1100. 3 credits. Spring 2008.

AML 2210 Manifest Destiny and Its Literature

While the term "Manifest Destiny" was not officially coined until 1845, the idea surrounding it has driven and haunted the American imagination from the early settlement days. This course surveys texts which exhibit the American Manifest Destiny tendency to see the nation's progress and development as ordained by God's providence. We also pay close attention to voices marginalized by the push of exploration, expansion, and exploitation. Prerequisite: WRI 1100 and AML 2100 or higher. 3 credits. Fall 2006.

AML 2220 War and Writing in American Letters

This course surveys war literature from the colonial battles of King Philip's War to recent conflicts such as Vietnam. Special attention is paid to the writings of the Civil War in shaping the American Identity. Prerequisites: WRI 1100 and AML 2100 or higher. 3 credits. Fall 2007.

AML 2230 The Urban and Pastoral in American Literature

Perhaps nothing so typifies the American sense of identity as the love of nature and wide open spaces. Yet the U.S. is also undeniably a nation of go-getters, captivated by the fast pace of urban life and the promises of industrial capitalism. This course looks at the different constructions of the urban and rural experiences in American Literature and the ways both have defined our ideas of American identity. Prerequisites: WRI 1100 and AML 2100 or higher. 3 credits. Fall 2008.

Literature Electives

AML 2510 Literature of the Early Republic

The course surveys literature of the early republic, from the American Revolution in the late 18th century to the American Renaissance. Poems, pamphlets, novels, slave narratives, autobiographies, domestic fiction, travel narratives, and short stories are selected. Key writers may include Jefferson, Brockden Brown, Franklin, Lewis and Clark, Rowson, Foster, Equiano, Wheatley, Crevecouer, Audobon, Bartram, Apess, Child, Cooper, and Irving. Prerequisite: WRI 1100. 3 credits. Fall 2005.

AML 2520 American Renaissance

This course surveys arguably the richest period in American literary history, the American Renaissance (1830–65), which features Emerson, Thoreau, Hawthorne, Melville, Poe, Whitman, Douglass, Fuller, Stowe, and Jacobs. Key topics include slavery and race, gender, capitalist economy, literary treatments of religion, and the development of a distinctly American style. Prerequisite: WRI 1100. 3 credits. Fall 2006.

AML 2530 Antebellum and Reconstruction

This course focuses on the nation's literary development during and after the Civil War. Among the issues to be explored are nationhood; construction of American, Southern, and racial identities; and social advances that were stripped away by the Jim Crow laws that marked the end of the Reconstruction era. The roots of feminism in the abolitionist movement are also examined. Readings may include Douglass, Whitman, Crane, Dubois, Washington, Garrison, and Stanton. Prerequisite: WRI 1100. 3 credits. Fall 2007.

AML 2540 Realism and Naturalism

This course focuses on the literature of late 19th- and early 20th-century America. Both literary traditions, known for their commitment to presenting contemporary life, offer rich accounts of the turn-of-the-century world—from the birth of the department store and the alluring promises of urban life to the class warfare, gender roles, and racial politics of a newly industrialized culture. Authors include Edith Wharton, W.D. Howells, Sarah Orne Jewett, Frank Norris, Henry James, Charles Chesnutt, Mark Twain, and Abraham Cahan. Prerequisite: WRI 1100. 3 credits. Fall 2005.

AML 2550 American Modernism

This course examines the profound changes in American society between the two world wars. Key writers may include Hemingway, Fitzgerald, Faulkner, Larsen, Hughes, Stevens, Williams, Hurston, and Steinbeck. Prerequisite: WRI 1100. 3 credits. Fall 2006.

AML 2560 The Beat Generation

This course studies the poetry and fiction of the Beat Generation. Rejecting the culturally conservative mood of America in the 1950s, the beat movement expressed a literature of raw intensity which tested the boundaries of creative freedom. This was a generation of artists who rebelled against received forms and opened literature to a range of experiences repressed as marginal or dangerous: madness, ecstasy, addiction, homosexuality, suicide, and religious dread. Writers may include Ginsberg, Kerouac, Ferlinghetti, Kesey, Burroughs, DiPrima, Snyder, Bukowski, McClure, Waldman, and Cassady. Prerequisite: WRI 1100. 3 credits. Fall 2007.

AML 2570 Literature in the 21st Century

Undeniably, we live today in a visual culture. Film and television have become the dominant creative modes. How do today's writers compete in a world dominated by image? What are their concerns? How have they experimented with and challenged traditional narrative forms and genres? This course surveys some of the most dynamic contemporary poets, novelists, and dramatists who are making a name for themselves today. Prerequisite: WRI 1100. 3 credits. Fall 2005.

AML 2580 Readings in American Literature: 1950–2001

Cold War politics, Civil Rights and the Women's Movement, the Vietnam War, the "Me" Generation, Wall Street, Cyberspace. How did U.S. writers and artists respond to all this? This course investigates how poets, fiction writers, and playwrights dealt with some of the major questions of their generation. Works may include poets Allen Ginsberg, Anne Sexton, W.S. Merwin, and Rita Dove; fiction writers James Dickey, Bernard Malamud, James Baldwin, Flannery O'Connor, Raymond Carver, Toni Morrison, and Octavia Butler; and playwrights Arthur Miller, Amiri Baraka, Edward Albee, and Anna Deveare Smith. Prerequisite: WRI 1100. 3 credits. Fall 2006.

AML 2590 Literature of New York City

No other city in America (or perhaps the world) has fired the literary imagination more than New York. We look at the incredible diversity of this literature, from immigrant narratives and migration tales to essays, comic strips, and short stories. We also investigate what it is about New York that provokes such interest among writers. What is New York a metaphor for—power, prestige, poverty, diversity, American exceptionalism? Why does the rest of the country continue to care about New York stories? Prerequisite: WRI 1100. 3 credits. Fall 2007.

AML 2600 Dickinson, Whitman, and Company

Arguably, modern American poetry stems from two mid-19th-century master poets: Emily Dickinson and Walt Whitman. This course closely analyzes the canon of both poets and may also provide an overview of subsequent poets influenced by the lady from Amherst and gray man from Camden. Prerequisite: WRI 1100. 3 credits. Spring 2006.

AML 2710 American West

The American West has fostered some of our most important and lasting national myths of success, progress, and conquest. This course looks at European-American ideas about nature and civilization, gender and race, and violence and individualism within the context of these mythic narratives. We also investigate more contemporary narratives which offer a corrective in their commitment to representing the diversity of the West. We look at novels, stories, films, and other cultural artifacts as we investigate how this space has and continues to shape our understanding of the unique promises of American life. Prerequisite: WRI 1100. 3 credits. Spring 2006.

AML 2720 Southern Writers

This course focuses on the writers of the American South. Possible authors include Twain, Faulkner, Flannery O'Connor, Welty, Lee, Tennessee Williams, Percy, Wolfe, Hurston, Wright, Ellison, Capote, and Mason. Prerequisite: WRI 1100. 3 credits. Spring 2007.

AML 2810 American Multicultural Literature

This course looks at the long neglected fields of Native American, African-American, Asian-American, and Hispanic-/Latino-American literature. Possible authors include: Momaday, Morrison, Lahiri, Silko, Erdrich, Anaya, Cisneros, Alexie, Hijuelos, Kingston, Tan, Ng, and Kogawa. Prerequisite: 1100. 3 credits. Spring 2007.

Advanced Electives

AML 3140 Hawthorne, Melville, Poe

A close analysis of three master writers from the American Renaissance period. Close attention is paid to topics such as memory, nationhood, identity, religion and the unknown, race, class, and gender. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2006.

AML 3150 Hemingway, Wright, Fitzgerald

Hemingway's *Sun Also Rises*, Wright's *Native Son*, and Fitzgerald's *Great Gatsby* are a core of the readings for this course which turn to the influence these writers have had on 20th-century literature and thought. Other selections of representative poetry, fiction, and prose are included. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2007.

AML 3210 Sports and American Culture

This course takes an interdisciplinary look at American sports writing and film as cultural expression. Possible focuses include but are not limited to: baseball, football, basketball, and the Olympic Games. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2008.

AML 3501 Major American Authors

A special topics course designed to offer a focus on a single major author or on particular groupings or schools of authors from the American tradition. A particular title is announced in the course offerings for a specific semester. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. as needed.

AML 3601-3699 Special Topics: American Literature

The study of a theme, movement, image, iconography, theory, or similar focus as it emerges in American literature. The title is announced in the course offerings for a specific semester. Check with the instructor for a course description. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Offered as needed.

Aviation [AV] Courses

For specific course information, contact the Management department in room 5009 or call (718) 489-5347.

AV 103 Introduction to Travel and Tourism

This course provides the student with a basic knowledge of travel and its various purposes: business, educational, cultural, therapeutic, recreational, and family activities. The factors affecting demand and supply are studied in detail. The course concludes with the major elements of tourism: foundations of transportation/accommodations, business, and special activities that lure people to travel. 3 credits. Offered as needed.

AV 204 Travel and Economic Geography

This course provides the vital geographical information required as a successful travel and tourist manager. Comprehensive discussions of the elements of geography including population, physical landforms, climate, and cultural setting. Cartographical understanding of desirable regions and places. An in-depth examination of the relationship between geography, travel, and tourism. 3 credits. Offered as needed.

AV 370 Tourism and Travel Management

The course provides students with an opportunity to explore the relationship between marketing and the tourism industry. It emphasizes the collaborative efforts that exist between airlines, hotels, restaurants, and travel agents. Topics covered include research analysis, strategies, market segmentation, product development, packaging, services, sales, advertising, distribution, mix, etc. Students work as part of a team to develop a marketing plan for a destination that follows the hospitality and travel marketing system model and includes advertising and collateral support materials. 3 credits. Offered as needed.

AV 415 Tourism Development

The impact of tourism on the economic development and social structure of destination countries is explored. The course critically examines the disruption of traditional society by tourism, maximum desirable tourist density, and potential incompatibility between tourists and the environment. 3 credits. Offered as needed.

AV 450 Special Topics in Aviation

In-depth study of an area of special interest to the student. Requires Management department approval. 3 credits. Offered as needed.

AV 500 Independent Study in Aviation

Individual research and study in aviation. Topic to be determined jointly by the student and advisor. Requires Management department approval. 1-3 credits. Offered as needed.

Biology [BIO] Courses

For specific course information, contact the Biology department in room 4318 or call (718) 489-5324.

BIO 100 Ecology and the Environment

An introduction to basic concepts in ecology and population dynamics, their relationships to resources, and pollution. This course is designed for non-science majors. Three lecture hours per week. 3 credits. Every semester; day.

BIO 102 Introduction to Human Biology

Introduces the student to the organization and function of the human body from cells to systems. Included are selected topics in the contemporary study of the human organism. This course is designed for non-science majors and fulfills one of the science prerequisites in the Childhood Education curriculum. Three lecture hours per week. 3 credits. Every semester; day and evening.

BIO 103 General Biology I

Introduction to biology for majors—covers basic principles in cellular and molecular biology, genetics, development, ecology, and evolution. The organization of plants and animals from cells to integrated systems is discussed and a comparison made between plant and animal phyla. Considerable class time is devoted to a study of the chemistry of living organisms, including the origin of life, the organic constituents of organisms, the chemistry of heredity, cellular respiration, and photosynthesis. Co-requisite: CHE 1201. Three lecture and four lab hours per week. Lab fee. 5 credits. Fall semester; day.

BIO 103A General Biology I

Offered exclusively at St. Francis Prep for Bridge Program students. Examines basic principles in cellular and molecular biology, genetics, development, ecology, and evolution. The organization of plants and animals from cells to integrated systems is discussed and a comparison made between plant and animal phyla. Experiments and dissections are designed to accomplish these objectives. Integrated lecture and lab for three hours each week. 4 credits. Fall semester; day.

BIO 104 General Biology II

Continuation of BIO 103 with an emphasis on the organization of animals and integration of biological systems. Prerequisite: BIO 103. Co-requisite: CHE 1202. Three lecture and three lab hours per week. Lab fee. 5 credits. Spring semester; day.

BIO 104A General Biology II

Offered at St. Francis Prep for Bridge Program students. A continuation of BIO 103A. Integrated lecture and lab for three hours each week. 4 credits. Spring semester; day.

BIO 107 Anatomy and Physiology

Fundamental life processes as exemplified in the functioning of the human organism. Integration of structure and function in the light of homeostasis is emphasized. A systems approach is utilized with the focus on normal physiology and an introduction to pathology. Systems addressed in the first semester include cells,

tissues, integument, skeletal, muscle, and nervous systems. Laboratory experiments and dissections are designed to achieve this objective. This course is designed to fulfill program requirements for non-majors and the physical education major. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

BIO 108 Anatomy and Physiology II

A continuation of BIO 107 with an emphasis on cardiovascular, respiratory, digestive, urinary, endocrine, and reproductive systems. Three lectures and three lab hours per week. Prerequisite: BIO 107. Lab fee. 4 credits. Spring semester; day.

BIO 120 Contemporary Topics in Biology

Introduction to biology issues in modern society. Studies of genetic issues, pollution and energy problems, ecology, effective drugs on the individual, and contemporary issues facing today's individual. Three lecture hours per week. 3 credits. Every semester

BIO 140 Anatomy and Physiology for Health Science I

This course is for Nursing, occupational therapy, Physical Therapy, and physician assistant majors. Lecture topics include animal cell structure and function, tissues, and a survey of human physiological systems. Course emphasizes cells, tissues, genetics, integument, and the musco-skeletal and nervous systems. Labs are correlated with lectures. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

BIO 141 Anatomy and Physiology for Health Science II

Continuation of BIO 140. Intended for Nursing, occupational therapy, Physical Therapy, and physician assistant majors. Topics include: cardiovascular physiology, respiratory system, lymphatic system, respiratory physiology, and the digestive, urinary, endocrine, and reproductive systems. Prerequisite: BIO 140. Three lectures and three lab hours per week. Lab fee. 4 credits. Spring semester; day.

BIO 150 Forensic Biology

This lecture/laboratory is open to all students, but especially geared to Criminal Justice majors. This course focuses on the biological evidence and techniques used in forensic science. Topics include the study of evidence found at crime scenes such as blood, hair, DNA, and debris such as soil and sand, microbes, plants, insects, and other cells and tissues. Students learn about the knowledge gained from performing an autopsy with a focus on change in tissues following trauma and the sequential changes that occur in a body after death. Integrated lecture and lab for three hours each week. Biology majors may not use this course toward their major. Lab fee. 3 credits. Offered as needed.

BIO 202 Comparative Anatomy

A comparative lecture and laboratory study of the macroscopic anatomy of typical representatives of the classes of vertebrates. Prerequisite: BIO 104. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

BIO 203 Invertebrate Zoology

Major invertebrate phyla with emphasis on taxonomy, structure, physiology, and ecology; field trips to selected local areas for the collection and study of representative invertebrate forms. Laboratory dissection of representative types. Prerequisite: BIO 104. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

BIO 204 Ecology

An introduction to ecological principles and their application to the environment, environmental problems, numerous field trips to representative systems. Prerequisite: BIO 104. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

BIO 206 Histology

A study of the light and electron microscopic anatomy of the vertebrate animal. General study of cell morphology and basic tissues is followed by a systematic examination of the body's organs. Prerequisite: BIO 104. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

BIO 210 Developmental Biology

A study of the process of development at the cellular molecular level as a description of the stages through which an organism attains increasing complexity. In addition to lecture, students become actively involved through discussion of primary literature and laboratory. The laboratory features vertebrate and invertebrate examples of developmental processes. Prerequisite: BIO 104. Three lectures and three lab hours per week. 4 credits. Spring semester; day.

BIO 250 Introduction to Cell Biology

Nature of biological molecules, the structure of cells and organelles, principles of bioenergetics and their application to metabolism, and the cellular information transfer system. Laboratory work in cell biology, molecular biology, and biochemistry. Prerequisite: BIO 104. Co-requisite CHE 2101. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

BIO 280 Biological Evolution

Introduction to the principles of organic and molecular evolution. Topics include genetic variation, natural selection, speciation, adaptation, diversification, biogeography, and molecular evolution. Prerequisite: BIO 104. Three lectures and three lab hours per week. 4 credits. Offered as needed; day.

BIO 300 Microbiology for Health-Related Sciences

An introduction to the field of microbiology with an emphasis on areas related to the medical sciences including pathogenesis, immune responses, chemotherapy, pathogenic organisms, epidemiology, sterilization, disinfection, and the responsibilities of health care professionals in preventing infection. Three lectures and three lab hours per week. Biology majors may not use this course toward their major. Prerequisite: BIO 141. Lab fee. 4 credits. Offered as needed.

BIO 301 Microbiology

A survey of the principal groups of microorganisms (bacteria, fungi, algae, protozoa, viruses, and rickettsiae) with emphasis on taxonomy, morphology, physiology, and their industrial and medical applications. Includes an intensive study of bacterial, rickettsial, chlamydial, algae, fungal, viral, and protozoan organisms of significance in the propagation of diseases. Prerequisite:

BIO 104. Three lectures and three lab hours per week. Lab fee. 4 credits. Spring semester.

BIO 302 Botany

A survey of the principal groups of plants from the standpoint of their structure and development with intensive studies on the morphology and physiology of the angiospermae. Prerequisite: BIO 104. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

BIO 303 Genetics

An introduction to variation and heredity, the theory of the gene as developed in classical genetics, and biochemical and molecular genetics. Prerequisite: BIO 104. Three lectures and three lab hours per week. Lab fee. 4 credits. Spring semester; day.

BIO 310 Cell Biology

Biochemical and morphological evidence underlying current models of cell structure and function. Roles of membranes in cell compartmentation, organelle structure and biogenesis, vesicle transport, secretion, cytoskeleton, motility, signaling, mitosis, and cell cycle regulation. Distinctive characteristics of differentiated mammalian cells. Laboratory experiences introduce classical and contemporary methods of cell study. Prerequisites: BIO 250 and CHE 2102. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

BIO 320 Molecular Biology

A survey of nucleic acid structure, function, and regulation in prokaryotic and eukaryotic organisms, emphasizing modern techniques and their uses in answering questions at the molecular level. Laboratory exercises allow students to gain experience in molecular biological research. Prerequisites: BIO 104 and CHE 2102. Three lectures and three lab hours per week. Lab fee. 4 credits. Spring semester; day.

BIO 350 Physiology

A study of the functions of vertebrate organs and organ systems and the homeostatic mechanisms that underlie them. Included are discussions of the cellular and physiochemical bases of homeostasis. Prerequisites: BIO 104 and CHE 2102. Three lectures and three lab hours per week. 4 credits. Offered as needed; day.

BIO 403 Endocrinology

A survey of cells and organs of internal secretion and their products. The endocrine secretions and their interactions are considered as are mechanisms of target signaling. Prerequisites: BIO 350. Three lecture hours per week. 3 credits. Offered as needed; day.

BIO 405 Immunology

This course is a study of the cell biology, biochemistry, molecular biology, and histology of the human and mouse immune systems. Prerequisite: BIO 310. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

BIO 409 Neurobiology

A study of nervous system organization, function, and development. Major concepts in neurobiology including impulse conduction, synaptic transmission, sensory processing, motor function, and memory. Prerequisite: BIO 310. Three lectures and three lab hours per week. 4 credits. Offered as needed; day.

BIO 410 Special Topics in Biology

Discussion and analysis of problems in biology that are not covered in regular course work. The specific content of the course remains flexible in response to student and departmental interest. Prerequisites: BIO 250 and CHE 2102. 3 credits. Offered as needed; day.

BIO 420 Virology

Provides an introduction to bacterial, animal, and plant virology. General methodology of virus research, virus structure, biochemistry of viral replication, and general features of virus-host cell interaction. Laboratory work includes basic experimental techniques applied to selected bacteriophages and animal viruses. Prerequisites: BIO 301 and CHE 2102. Two lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

BIO 450 Pharmacology

A study of drugs and drug actions, including pharmacokinetics and pharmacodynamics. This course reviews the mechanism of action of various classes of drugs. Prerequisite: BIO 350. Three lectures per week. 3 credits. Offered as needed; day.

BIO 480 Bioinformatics

An introduction to the theory, strategies, and practice of data management and analysis in molecular biology, including DNA and protein sequence analysis, biological databases, genomic mapping, and analysis of gene expression. Prerequisites: BIO 250, CHE 2102, and IT 104. Three lectures and three lab hours per week. 4 credits. Offered as needed; day.

BIO 500 Independent Study

Independent study under the direction of a faculty member. Prerequisites: Senior standing and departmental approval. Majors only. 1-3 credits. Every semester; day.

BIO 503 Biology Seminar

Discussion of topics reflecting research and current problems in the biological sciences in a seminar format. Specific areas of discussion vary from semester to semester. Topics are announced in advance. A written paper and oral presentation are required. Prerequisite: Majors with senior standing. 1 credit. Fall semester; day.

Business Law [BL] Courses

For specific course information, contact the Accounting department in room 5003 or call (718) 489-5283.

BL 2101 Business Law I

An introduction to law; the court system and legal process; the law of torts, business crimes, contracts, and sales; and Article 2 of the Uniform Commercial Code. Prerequisite: BUS 101. 3 credits. Every semester; day and evening.

BL 2102 Business Law II

The law of commercial paper; Articles 3 and 4 of the Uniform Commercial Code; the law of property, bankruptcy, and business organizations: sole proprietorships, partnerships, and corporations. Prerequisite: BL 2101. 3 credits. Every semester; day and evening.

British Literature [BRL] Courses

Effective fall 2005, the English department modified its curriculum. English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], International Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the yellow section of this book. For specific course information, contact the English department in room 6005 or call (718) 489-5217.

Gateway Courses

BRL 2110 Songs: Cyfarwydds to Elton John

Historical, cultural, and aesthetic study of lyric poetry, ballads, songs, and stories from the ancient Welsh tradition through the Renaissance and Romantic periods to contemporary pop with attention to nuance and development of the English language through the centuries. Prerequisite: WRI 1100. 3 credits. Fall 2005.

BRL 2120 Heroes, Villains, Cowards

From the Old English epic heroes Beowulf and Judith to more complex figures, personalities, and subjects in the poetic and narrative voice such as Christopher Marlowe, Samuel Johnson, William Wordsworth, Robert Browning, Emily and Charlotte Brontë, and Charles Dickens examined from historical, cultural, and aesthetic perspectives. Prerequisite: WRI 1100. 3 credits. Fall 2006.

BRL 2130 King Arthur: Then and Now

Arthurian Romance from the early period of Marie De France, *Sir Gawain and the Green Knight*, and Sir Thomas Malory, for example, to Alfred Tennyson and T.H. White and more contemporary cinematic interpretations of a richly historical as well as cultural figure in search of the Holy Grail. Prerequisite: WRI 1100. 3 credits. Fall 2007.

BRL 2210 Authority, Love, and Lust

Thematic study of the human tendency to triumph in love, to succumb to lust, and a consideration of what authorizes such tendencies. Poets and writers such as Julian of Norwich and Margery Kempe, through the great sonneteers of the Renaissance, to John Keats, Elizabeth Barrett Browning, Jane Austen to A.S. Byatt, for instance, and more contemporary men and women, with a cultural as well as aesthetic reading. Prerequisite: WRI 1100 and BRL 2100 or higher. 3 credits. Spring 2006.

BRL 2220 Masters and Slaves

Figurative bondage from the middle ages represented in work such as *The Dream of the Rood*, to the more literal bondage examined in, for example, Edmund Burke, Mary Wollstonecraft (*A Vindication of the Rights of Woman*), Thomas Paine, William Blake (*Songs of Innocence and of Experience*), and selected slave narratives from the likes of Olaudah Equiano and Mary Prince, paying close attention to the historical and cultural significance of the readings. Prerequisite: WRI 1100 and BRL 2100 or higher. 3 credits. Spring 2007.

BRL 2230 City and Country Living

From rural England seen in William Langland (Piers Plowman) to the London of writers such as John Donne, John Dryden, Samuel Pepys, and Jonathan Swift, to the Romantic world of, for example, Robert Burns, William and Dorothy Wordsworth, novelists such as the Brontës and George Eliot, to the post-Romantics of W.B. Yeats and Thomas Hardy, up to and beyond moderns such as T.S. Eliot. The eminent critic Raymond Williams wrote a book, *The Country and the City*, devoted to these important themes, focusing on the aesthetics of poetry and prose as well as the historical and cultural importance of the city and country in English literature. Prerequisite: WRI 1100 and BRL 2100 or higher. 3 credits. Spring 2008.

Literature Electives

BRL 2510 Anglo-Saxon and Middle English Journeys

The journey of life, the journey into our interior self, the quest of the Grail, the pilgrimage to a saint's shrine are themes and motifs that guide the readings in poetry, prose, and drama from Anglo-Saxon through medieval England. Attention is paid to the cultural elements that move the journey from religious to secular focus. Prerequisite: WRI 1100. 3 credits. Fall 2005.

BRL 2511 Arthur, Guinevere, Lancelot, and the Roundtable

The triangular relationship of Guinevere, King Arthur, and Lancelot forged an idyllic kingdom in medieval England. Camelot and its knights and its roundtable offered hope and sacred purpose. The same triangular relationship destroyed the kingdom. The course looks at Arthurian material from France and Britain about Arthur's court. Ancient, medieval, and modern readings are used. Prerequisite: WRI 1100. 3 credits. Fall 2006.

BRL 2512 Medieval Pageant Carts and Renaissance Stages

An overview of medieval and Renaissance plays and theater practices, including the societal developments that gave rise to them. Prerequisite: WRI 1100. 3 credits. Fall 2007.

BRL 2520 Elizabethan and Metaphysical Imagery

The microcosmic world of the Elizabethan stage and the poetic world of devotion and love are looked at through the works of playwrights such as Marlowe, Jonson, Ford, and Massinger and poets such as Southwell, Shakespeare, Donne, Crashaw, and Herbert. Particular attention is placed on symbol and structure in the literary discussions. Prerequisite: WRI 1100. 3 credits. Spring 2006.

BRL 2530 Restoration Drama

From 1642–60 the theaters of England were closed by the ruling Puritan Protectorate. When the monarchy was restored in 1660, so was English drama performance. This course explores major plays of the Restoration Period as well as the sociopolitical context that gave rise to it, and the English theater's most dramatic innovation: the introduction of women actors. Prerequisite: WRI 1100. 3 credits. Fall 2006.

BRL 2540 Augustans and the 18th Century

The course looks at the political and religious changes brought about from 1660 to 1700 with the Restoration and Charles II, and then turn to the major writers of the 18th century. Works of Dryden, Etherege, Fielding, Pope, Defoe, Johnson, and Swift highlight the poetry, prose, and fiction of the period. Prerequisite: WRI 1100. 3 credits. Fall 2005.

BRL 2541 Tristram Shandy's England

The joy and wit of Laurence Sterne's *Life and Opinions of Tristram Shandy* form the framework in which we investigate the poetry, prose, fiction, lives, and opinions of 18th-century England. Selections are made from the works of Alexander Pope, Daniel Defoe, Henry Fielding, Thomas Gray, Samuel Johnson, Jonathan Swift, and Oliver Goldsmith. Prerequisite: WRI 1100. 3 credits. Fall 2007.

BRL 2610 Chaucer

Close reading of the major works of Geoffrey Chaucer, including *The Canterbury Tales*. Medieval culture and thought formulate essential background for an understanding of Chaucer's works. Prerequisite: WRI 1100. 3 credits. Fall; day.

BRL 2620 Shakespeare

An examination of William Shakespeare's life and works with readings selected from poems, sonnets, and plays. Included is a study of important cultural history of Tudor and Stuart England. Prerequisite: WRI 1100. 3 credits. Spring; day.

BRL 2630 Milton

An examination of John Milton's life and works with a focus on *Paradise Lost* but including his sonnets, elegies, and selections from his prose and dramatic works. Prerequisite: WRI 1100. 3 credits. Spring; day.

Advanced Electives

BRL 3140 Xanadu and Other Romantic Kingdoms

A cultural, historical, and aesthetic study of, for instance, the prophetic and profound visions of William Blake and Samuel Taylor Coleridge to, for example, Lord Byron's *Don Juan*, with an examination of poetry and letters by writers such as P.B. Shelley, John Keats, and Edward Fitzgerald (*The Rubáiyát of Omar Khayyám*). Readings could also include prose by William Hazlitt, Thomas De Quincey, and Mary Wollstonecraft Shelley (*Frankenstein*). Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2006.

BRL 3150 Victorian Sages and Prophets

Thomas Carlyle, John Stuart Mill, John Henry Cardinal Newman, Matthew Arnold, John Ruskin, Walter Pater, George Eliot, Thomas Henry Huxley on the pains and joys of human life, love, and marriage at home and in society, the role of men and women, liberty, arts and letters, and science, where particular attention to historical and cultural considerations prevail. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2007.

BRL 3160 The 19th-Century New Woman

The 19th century saw the first wave of American and English feminism. The middle class "new woman" was no longer the "angel of the house," the feminine ideal. She became educated, worked, lived independently; she took control of her sexuality. Readings in various genres of literature as well as 19th- and 20th-century social criticism such as Fuller's *Woman in the Nineteenth Century*, Wollstonecraft's *Vindication of the Rights of Woman*, and Gilman's *Women and Economics*. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2008.

BRL 3210 Major Caribbean Writers

This course provides a broad introduction to some of the seminal texts of Caribbean literature. It is an engagement with the ways in which Caribbean fiction has "developed" over the decades. The condition of coloniality, and its problematic successor, postcolonialism, form the critical axis of this course. Writers may include Kamau Braithwaite, CLR James, Jean Rhys, Merle Hodge, Jamaica Kincaid, and George Lamming. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2005.

BRL 3220 England in Asia

This course examines the contexts—literary, cultural, political—of Asian literature in English (and in the translation) by considering the work of several of the continent's major contemporary writers, including Hattori Busho, Okakura Kakuzo, Chiang Yee, and Bei Dao. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2006.

BRL 3230 Postcolonial British Literature

This course explores the literatures and cultures that arose as a result of English colonial domination. The postcolonial issues of hybridity, unhomedness, indigenous essentialism, contestedness of the English language, among others, are explored. Literature and theoretical readings may include works by Naipaul, Hulme, Mukherjee, Ondaatje, Achebe, Friel, Rushdie, Bhabha, Said.

Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2007.

BRL 3240 England in Africa

This course examines the contexts—literary, cultural, political—of African literature in English (and in the translation) by considering the work of several of the continent's major contemporary writers, including Chinua Achebe, Wole Soyinka, Ngugi Wa-Thiong'o, Bessie Head, and Buchi Emecheta. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2008.

BRL 3501 Major British Authors

A special topics course designed to offer a focus on a single major author or on particular groupings or schools of authors from the British tradition. A particular title is announced in the course offerings for a specific semester. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Offered as needed.

BRL 3601-3699 Special Topics: British Literature

The study of a theme, movement, image, iconography, theory, or similar focus as it emerges in British literature. The title is announced in the course offerings for a specific semester. Check with the instructor for a course description. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Offered as needed.

Business [BUS] Courses

For specific course information, contact the Management department in room 5009 or call (718) 489-5347.

Undergraduate Courses

BUS 101 Organization and Management

Introduces the major areas of concern to business and not-for-profit enterprises today. The business environment, economic issues, international affairs, and rising importance of ethical conduct are discussed. The roles of marketing, finance, and management theory are introduced and the roles of such diverse components within the firm as human resources, the law, accounting, and computers are considered. Includes Business Advisory Council-sponsored guest lecturers, role-play exercises, and videos. 3 credits. Every semester; day and evening.

BUS 201 Global Business

Businesses of any size are now able to engage in some aspect of international business and the shape and pattern of international business is constantly evolving. In this course, students learn what forces have shaped and continue to shape international business, how the firms engaged in international business influence its evolution, and what decisions a firm goes through to decide when, where, and how it engages in international business. Emphasis is placed on how the study of international businesses crosses different disciplines within and without the management field. 3 credits. Offered as needed.

BUS 204 Business and Society

Provides the student with an understanding of the many organizations with which a business maintains a relationship. The student gains an awareness of the strategies and tactics businesses use to manage the diversity of demands of such groups as stockholders, workers, consumers, community groups, and government regulators. 3 credits. Offered as needed.

BUS 205 Management of a Small Business

Emphasis is placed on the individual responsibilities involved in operating a family business or in starting up a business such as a retail store, a distribution warehouse, a sales organization, a contracting firm, or any other type of small business. Students study the legal aspects, financial processes, marketing methods, managerial techniques, and general operating procedures that increases their abilities to achieve and maintain a profitable business entity. 3 credits. Offered as needed.

BUS 250 Business Communication

Intended to increase the student's ability to write effective communications through memos and letters. Students learn the proper way to write sales letters, good news announcements, collection and adjustment letters, long and short business reports, and the general routine correspondence typical for business executives in the average organization. Special consideration is given to employment-seeking letters and the resumes that must accompany them. 3 credits. Offered as needed.

BUS 342/PHI 3342 Business Ethics

An introduction to the philosophical questions and theories associated with business ethics, with discussions based on the study of sample actual business cases. Topics include applying moral philosophy to business ethics, social responsibility, organizational culture and ethical decision making, development of an effective ethics program, and business ethics in a global economy. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed.

BUS 490 Business Policies

The focus of this capstone course is a dynamic, competitive business simulation in which students run a company, filling the roles of managers in such areas as strategic planning, production, operations, marketing, and finance. Students learn about planning, time management, and team building in a business environment. Prerequisite: senior standing, ECO 3331/FIN 301, MKT 201, and either ORM 301 or MAT 301. 3 credits. Every semester; day and evening.

BUS 496 Business Research

An interdisciplinary approach to the study of recognizing and isolating business problems while demonstrating the use of research as a management tool in guiding executive thinking and decision making. The scope and breadth of the research is guided by the student's interests in collaboration with the instructor Prerequisite: junior or senior standing and instructor approval. 3 credits. Offered as needed.



BUS 497 Internship

Supervised work experience in various fields of business. Requires the submission of a written report. May be taken twice for credit. Prerequisites: prior application and approval of the Chairperson. 1-3 credits. Every semester.

BUS 498 Independent Study

Individual research and study with the approval of the Management department. Prerequisite: prior application and approval of the department Chairperson. 1-3 credits. Every semester.

Graduate Course

BUS 7999 Business Policies Capstone

The focus of this capstone course is a dynamic, competitive business simulation in which students run a company, filling the roles of managers in such areas as strategic planning, production, operations, marketing, and finance. Students first learn about the role of strategic planning through case analysis and then apply their skills in the simulation. As managers, students handle labor negotiations, address total quality management issues, analyze and determine financing options, and address "boards of directors." Prerequisite: final semester of graduate program. 3 credits. Offered as needed.

Childhood Education [CED] Courses

Effective fall 2005, the Education department modified its curriculum. Education courses appear as Adolescent Education [AED], Childhood Education [CED], Education [ED], Fitness [FIT], and Physical Education [PE]. PE courses will *not* satisfy the College's Fitness requirement. Students interested in physical activities, fitness, or exercise should refer to Fitness [FIT] courses. *For further information, please refer to the Education department in the yellow section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

CED 303 Effective Teaching Methods/Strategies

First course in the professional sequence. Focuses on the learning process and the application of strategies that promote students' active involvement in learning, addressing NY State and NY City standards across the curriculum. Knowledge of computer applications required. This course includes 15 hours of field experience. Prerequisite: A grade of *B* or higher in ED 201 and ED 202 and department approval. 3 credits. Every semester; day and evening.

CED 410 Introduction to Reading Instruction

The basic principles of teaching reading and literacy in elementary school to meet NY State and NY City standards. Utilization of formal and informal diagnostic tools to appraise reading status, balanced literacy, grouping for instruction, guided reading, selection of instructional texts, teaching specific reading skills, evaluating reading progress, and appropriateness of reading programs. Individualizing reading instruction. This course includes 15 hours of field experience. Prerequisites: CED 303, ED 402, and IT 101. 3 credits. Fall semester; day and evening.

CED 411 Teaching Elementary Reading: Models and Strategies

An analysis of alternative approaches to reading and literacy instruction that address NY State and NY City standards. Includes an examination of techniques to detect and remedy reading problems in the classroom. Each student is required to collect, construct, and evaluate materials for use in a classroom situation, a small-group situation, and individual instruction. This course includes 15 hours of field experience. Prerequisite: CED 410. 3 credits. Spring semester; day and evening.

CED 419 Writing Instruction in Elementary Schools

The course examines the teaching of writing in elementary schools. The focus is on using the writing process model of instruction. This course includes 15 hours of field experience. Prerequisites: CED 303 and ED 402. 3 credits. Offered as needed.

CED 421 Integrated Mathematics and Science Childhood Education

This course is designed to examine the current mathematics standards (NCTM), current science standards (NTSA), and the elementary school curriculum. Hands-on experience is emphasized. Integration of mathematics and science with other curriculum areas is introduced. This course includes 15 hours of fields experience. Prerequisites: CED 303 and ED 402, passing score on LAST, overall index of 2.75, and education index of 3.0. 3 credits. Offered as needed.

CED 432 Social Studies and Geography Childhood Education

This course is designed to present pre-service teachers with strategies to effectively teach social studies and geography in the elementary school classroom. There is a focus on methods to connect social studies and geography to other subjects in the classroom. This course includes 15 hours of field experience. Prerequisites: CED 303 and ED 402. 3 credits. Offered as needed.

Chemistry [CHE] Courses

For specific course information, contact the Chemistry and Physics department in room 7202 or call (718) 489-5295.

CHE 1000 Chemistry in Society

Designed for non-science majors. Chemical principles are developed and applied to a series of major societal-technological issues such as global warming, water quality, acid rain, food additives, alternate energy sources, etc. Three lecture hours per week. 3 credits. Every year; day and evening.

CHE 1001 Introduction to College Chemistry

An introductory course for students with little or no background in chemistry, but who wish to continue in science. A study of some of the basic concepts, with an emphasis on chemical stoichiometry and the relationship between the periodic table and the chemical and physical properties of elements and their compounds. CHE 1001 may not be used to satisfy major or minor requirements in Chemistry or Biology. Two lecture hours and one recitation hour per week. 3 credits. Offered as needed; day.

CHE 1101 Chemistry and Life I

Intended for non-science majors. Introduction to basic principles of chemistry; emphasis on application of these principles to living systems and their impact on present-day living. Two lecture, one recitation and three lab hours per week. Prerequisite: MAT 050 or placement by examination. Lab fee. 4 credits. Fall; day.

CHE 1102 Chemistry and Life II

Continuation of CHE 1101. Prerequisite: CHE 1101. Lab fee. 4 credits. Spring; day or evening.

CHE 1201 General Chemistry I

Intended for science majors. Emphasis on quantitative aspects of chemistry at a more specialized level than in CHE 1101/CHE 1102. Three lecture, one recitation, and three lab hours per week. Co-requisite: MAT 107 or placement by examination. Lab fee. 4 credits. Every fall; day.

CHE 1202 General Chemistry II

Continuation of CHE 1201. Prerequisite: CHE 1201. Lab fee. 4 credits. Every spring; day.

CHE 2001 Biochemical Science

For Physician Assistant majors only. This course surveys the basic principles of organic chemistry and biochemistry. The organic chemistry section emphasizes the behavior of organic polymers, setting a foundation for the understanding of proteins and nucleic acids. The biochemical principles covered in this course are selected to provide a background for the study of some of the more common and/or significant diseases. Prerequisite: CHE 1202. Three lecture, one recitation, and two lab hours per week. Lab fee. 4 credits. Fall semester; day.

CHE 2050 Analytical Chemistry

Quantitative study of gravimetric and volumetric analysis; solubility product, acid-base, oxidation-reduction, and complex-formation phenomena considered with emphasis upon precision, resourcefulness, and chemical calculations. Prerequisite: CHE 1202. Two lecture, one recitation, and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

CHE 2101 Organic Chemistry I

Aromatic and aliphatic compounds, reaction mechanisms based on electronic theory, preparation of representative compounds, and quantitative analysis. Prerequisite: CHE 1202. Three lecture, one recitation, and four lab hours per week. Lab fee. 5 credits. Every fall; day.

CHE 2102 Organic Chemistry II

Continuation of CHE 2101. Prerequisite: CHE 2101. Lab fee. 5 credits. Every spring; day.

CHE 2301 Inorganic Chemistry

The study of bonding, structure, and reactions of inorganic compounds based on modern physical chemical concepts, coordination compounds, and organometallic compounds. Three lecture hours per week. Prerequisite: CHE 1202 and department approval. 3 credits. Offered as needed.

CHE 3001 Biochemistry

Physiochemical approach, amino acids, proteins, carbohydrates, lipids, enzymes, intermediate metabolisms, modern techniques for isolation, identification, and determination of biochemical significance. Prerequisite: CHE 2102. Three lecture and four lab hours per week. Lab fee. 4 credits. Spring semester; day.

CHE 3002 Bio-Analytical Chemistry

For Biology majors only. Theoretical and practical knowledge of modern analytical chemistry including statistics, volumetric and gravimetric analysis, chemical and electro-chemical equilibrium, acid-base, and chemistry. Introduction to instrumental methods of analysis including spectrophotometry, FT-IR, and Chromatography (HPLC, GC-MS, GC). Prerequisites: CHE 2102 and PHY 2002. Two lecture and five lab hours per week. Lab fee. 4 credits. Fall semester; day.

CHE 4001 Physical Chemistry I

Atomic, molecular, and crystal structure; thermodynamics; solution properties; chemical kinetics; and electrochemistry. Prerequisites: CHE 2102, MAT 203, and PHY 2002. Three lecture and four lab hours per week. Lab fee. 4 credits. Offered as needed; day.

CHE 4002 Physical Chemistry II

Continuation of CHE 4001. Prerequisite: CHE 4001. Lab fee. 4 credits. Offered as needed; day.

CHE 4050 Instrumental Methods of Analysis

Theory and laboratory work in spectroscopy, absorption, and emission; electroanalytical chemistry and chromatography as they apply to analytical chemistry. Prerequisite: CHE 4001. Two lecture and five lab hours per week. Lab fee. 4 credits. Fall semester; day.

CHE 4101 Advanced Organic Chemistry

Physical organic chemistry, emphasis on structure and reaction mechanisms; free radical chemistry. Prerequisite: CHE 2102. Three lecture hours per week. 3 credits. Offered as needed; day.

CHE 4990 Internship in Chemistry

Students may intern during the summer at approved research and development organizations. The student must maintain a comprehensive daily log of work activities signed by their supervisor to be reported to the Chairperson when requested. Internships must be approved by the department Chairperson. Prerequisite: CHE 2102 and CHE 2050. 1-2 credits. Offered as needed.

CHE 4993 Chemical Research I

Independent laboratory research under faculty guidance. Prerequisite: Department approval. 3 credits. Every year.

CHE 4994 Chemical Research II

Continuation of CHE 4993. Prerequisite: CHE 4993. 3 credits. Every year.

CHE 4995 Independent Study in Chemistry

Individual research in an approved area. Library research, conferences, report, or special project. Approval of the department Chairperson is required. Prerequisite: CHE 4002 and senior standing. 1-3 credits. Offered as needed.

Criminal Justice [CJ] Courses

For specific course information, contact the Sociology and Criminal Justice department in room 3201 or call (718) 489-5435.

CJ 1020/SOC 1020 Introduction to Criminal Justice

This course introduces the student to the structure, operations, and philosophy of the American system of criminal justice. Required course for the Criminal Justice major. 3 credits. Every semester.

CJ 2010/SOC 2010 Criminology

The course explores the study of crime causation primarily from a sociological perspective. The student is introduced to theories that explain the patterns of criminal and delinquent behavior in contemporary society. Prerequisite: SOC 1000. Required course for the Criminal Justice major. 3 credits. Every semester.

CJ 2030 Police Practices and Procedures

This course provides the student with a comprehensive review of current police practices and procedures. Particular attention is paid to the development of police ethics, control of corruption, and the administration of a large police agency. Prerequisite: CJ 1020/SOC 1020. Required course for the Criminal Justice major. 3 credits. Spring semester.

CJ 2040 Probation and Parole

The historical and legal foundations of the modern practices of probation and parole in America are studied. The course emphasizes the administration and organization of the probation and parole system. Prerequisite: CJ 1020/SOC 1020. Required course for the Criminal Justice major. 3 credits. Spring semester.

CJ 2050 The Sociology of Correctional Institutions

This course addresses many issues concerning correctional institutions—for example, the organization and function of the prison system, the role of the corrections officer in the rehabilitative process, modern thought concerning prison reform, the character of the modern prisoner, and prisoners' and officers' rights. Prerequisite: CJ 1020/SOC 1020. Required course for the Criminal Justice major. 3 credits. Spring semester.

CJ 2060/SOC 2060 Child Welfare

This course traces the development of rights of the child in relation to parental rights; explores the methods of care of dependent and neglected children in their own homes, foster homes, and institutions; and reviews the adoption process and the social trends toward integration in family and child care. Prerequisite: SOC 1000. This course is a Criminal Justice elective. 3 credits. Spring semester.

CJ 2070/SOC 2070 Sociology of Minority Groups

The course analyzes interactions among racial, ethnic, and religious groups in the U.S., including the structure, dynamics, and problems in this topic. Prerequisites: SOC 1000 and CJ 1020/SOC 1020. Required course for the Criminal Justice major. 3 credits. Every semester.

CJ 2080 Rights of the Accused

This course presents a legal review of the constitutional, statutory, and procedural rights of the accused in the matters of lawful arrest, fair trial, and just sentence. Prerequisite: CJ 1020/SOC 1020. Required course for the Criminal Justice major. 3 credits. Spring semester.

CJ 3000 Criminal Law

This course provides a survey of the basic elements of American criminal law and provides an analysis of current legal issues. Particular attention is given to state laws in New York. Prerequisite: CJ 1020/SOC 1020. Required course for Criminal Justice majors. 3 credits. Fall semester.

CJ 3010 Forensic Science

This course introduces criminal investigation techniques with emphasis on the value of various scientific aids to the officer, detective, or field investigator. This course examines techniques used in investigating major criminal cases such as kidnapping, arson, bombings, and organized crime. Prerequisite: CJ 1020/SOC 1020. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 3012 Criminal Investigations

This course introduces students to the actors and basic stages in the process of investigating a major crime scene. The student becomes familiar with the techniques of interview and interrogation, evidence collection and chain of custody issues. The course also introduces students to the roles and duties of the responding

officer, the detective, the evidence collection officer, and the supervising officer. Prerequisite: CJ 1020/SOC 1020. 3 credits. Spring semester.

CJ 3020 Security and the Private Sector

This is an introduction to the field of private security. An overview of security organizations, policies, and personnel is presented. Prerequisite: CJ 1020/SOC 1020. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 3030 Aviation Security

The course analyzes security procedures, programs, systems, and equipment in the aviation industry. Pertinent legislation concerning aviation security is reviewed from a historical and modern perspective. Prerequisite: CJ 1020/SOC 1020. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 3040 Organized Crime

The course traces the history and development of organized crime in this country. Investigative techniques for penetrating organized criminal activities and prosecution strategies are discussed. Prerequisite: CJ 1020/SOC 1020. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 3050 White-Collar Crime

The course studies the history and prevalence of occupational, corporate, and computer crimes in a modern setting. Investigative and prosecution strategies are also addressed. Prerequisite: CJ 1020/SOC 1020. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 3060/SOC 3060 Law and Society

The course explores the socio-historical roots of law in a comparative manner. Law is examined from a variety of theoretical perspectives. The organization of law, its role in conflict resolution, social control, and social change are examined. Prerequisite: SOC 1000. This course is a Criminal Justice elective. 3 credits. Fall semester.

CJ 3070/PSY 330 Addictions I

Review of research and theories concerning all forms of addictive behavior, including drug, alcohol, gambling, and sex addictions. Prerequisite: SOC 1000. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 3075/PSY 331 Addictions II

Review of therapeutic techniques for all forms of addictive behavior. Outside sources are used to supplement class materials. Prerequisite: CJ 3070/PSY 330. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 3080 Juvenile Justice

The nature, prevalence, and causality of juvenile delinquency are studied in this course. The criminal justice system's response to delinquency is also discussed in detail. Prerequisite: CJ 1020/SOC 1020. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 3090 Problems of Urban Law Enforcement

The role of the law enforcement officer in the modern urban setting are studied. Particular attention is paid to the use of community policing and the operation of law enforcement in a multicultural setting. Prerequisite: CJ 1020/SOC 1020. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ 4000-4199 Special Topics in Criminal Justice

This course explores specific, identified topics in the discipline of criminal justice. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. 3 credits. Offered as needed.

CJ 4990 Internship

Students may intern at approved sites under professional supervision. Internships must be approved by the department Chairperson and are subject to availability. Prerequisites: 24 CJ credits and junior or senior standing. Required course for the Criminal Justice major. 1-3 credits. Offered as needed.

CJ 4995 Criminal Justice Independent Study

This course allows the student to engage in a semester-long detailed examination of a criminal justice topic. The course may be taken only with Chairperson's approval. Prerequisite: CJ 1020/SOC 1020. This course is a Criminal Justice elective. 1-3 credits. Offered as needed.

CJ 4998 Criminal Justice Senior Seminar

A culminating seminar for senior Criminal Justice majors only. This course integrates concepts, knowledge, and practices that the student has acquired during the course of his or her studies in Criminal Justice. Prerequisites: 30 CJ credits and senior standing. Required course for the Criminal Justice major. 3 credits. Spring semester.

CJ 5400-5499 Honors Topics in Criminal Justice

This course explores specific, identified topics in the discipline of criminal justice. The subject matter is selected by the instructor prior to registration with the approval of the department Chairperson. Open to Honors students only. 3 credits. Offered as needed; day.

Communication Arts [COM] Courses

For specific course information, contact the Communication Arts department in room 7003 or call (718) 489-5287.

COM 203 Fundamentals of Speech

An introductory course teaching phonetics, basic diction, and the practice of extemporaneous speaking. COM 203 is organized according to purpose, such as speaking to persuade, inform, or entertain. Students receive an analysis and correction of individual speech problems. 3 credits. Every semester; day and evening.

COM 205 Voice and Diction

An introductory course studying speech production, COM 205 is designed to improve voice and diction and specific speech areas such as proper breathing, voice production, tone, articulation, and foreign accents. The International Phonetic Alphabet is studied and utilized in this course. Strongly recommended for those wishing to eliminate a dialect. 3 credits. Offered as needed; day and evening.

COM 301 Oral Interpretation

An intermediate course aimed at public presentation and speech performance, COM 301 selects prose, poetry, and plays to analyze and prepare for delivery. The objective of the course is to broaden communication skills by teaching students to comprehend and interpret forms of literature for purposes of effectively communicating them in oral presentations. Prerequisite: COM 203. 3 credits. Every semester; day and evening

COM 302 Persuasion

An intermediate keystone course, COM 302 studies classic and current persuasive theory as applied to advertising, public relations, law, politics, and media campaigns. This course emphasizes analysis of messages and their rhetorical and psychological structure, while also teaching tactics and strategies through applied example. Uses and abuses of persuasive methods are considered as well as the impact of media developments on modern communications and traditional thought processes. Prerequisite: COM 203. 3 credits. Every semester; day and evening.

COM 303 Interpersonal Communications

An intermediate course, COM 303 introduces basic principles of interpersonal communication. The course presents both a theoretical perspective and a practical application of the concepts through student activities and exercises. Areas of investigation include communication theory, communication models, perception, language, communication breakdowns, non-verbal communication, self-concept, social roles, listening, and conflict management. Prerequisite: COM 203. 3 credits. Every semester; day and evening.

COM 304 Mass Communications

An introductory keystone course, COM 304 surveys electronic and print media in America, including radio, television, cable, commercial filmmaking, newspapers, and magazines. The course examines the history of mass communication forms, their economic and social functions, along with current controversies surrounding them. 3 credits. Every semester; day and evening.

COM 305 History of Film

An intermediate course, *History of Film* surveys major film styles, directors, and movements in international cinema from 1890 to the present. The basic techniques of filmmaking are explored, as are the fundamental topics in film theory and criticism. 3 credits. Fall semester; day and evening.

COM 306 Studies in Film

An intermediate course, *Studies in Film* considers selected topics, filmmakers, and film genres in cinema history, emphasizing the techniques employed that are specific to film and the contribution of film directors, writers, and cinematographers to their developing art. 3 credits. Spring semester; day and evening.

COM 307 Advertising

An advanced intermediate course, COM 307 surveys advertising techniques and functions. The course stresses the development of an advertising plan: copywriting, media planning, campaign development, and strategy. Strong emphasis is placed on the analysis of TV, radio, and print commercials. The relationship among budgetary, creative, and planning functions is investigated, as is advertising's impact on popular thought and culture. Prerequisite: COM 302 or COM 304. 3 credits. Every semester; day and evening.

COM 308 Television Studio Production

An intermediate course, COM 308 introduces students to the importance of radio and television directing and camera work, floor supervision, audio operation, and control room operation. Students produce several television segments such as news, commercials, and dramatic programs in this hands-on course open to limited numbers. Prerequisite: COM 304. Lab fee. 3 credits. Every semester; day.

COM 309 Topics in Mass Communication

An advanced intermediate course, COM 309 continues the examination of issues begun in COM 304, investigating selected problems and controversies in the contemporary mass media from the perspective of practitioners. Topics include censorship and legal issues, the artistic strategies of popular cultural forms, and new technologies and opportunities in the electronic media. Prerequisite: COM 304. 3 credits. Every semester; day and evening.

COM 310 News Writing

An intermediate course, COM 310 introduces students to the rudiments of journalism. Students are taught the fundamentals of reporting and writing the news for today's print and broadcast media. While emphasis falls on fact gathering, interviewing, and writing techniques, special attention is also paid to copy editing, developing the body of a story, handling breaking news stories, and covering beats. This course requires extensive writing and familiarity with mass communication theory. Prerequisites: WRI 1100 and COM 302 or COM 304. 3 credits. Fall semester; day.

COM 312 Sports Writing

An intermediate course, COM 312 introduces students to all aspects of a career in sports writing. Writing covers the basic rewrites to event stories to human interest stories to personal columns. Students learn how to cover press conferences dealing with breaking news as well as media days that deal with opening of a particular season or a post-season tournament. Editing copy and page layout are other topics covered. Prerequisite: WRI 1100. 3 credits. Offered as needed.

COM 401 Basic Film and Video Production

An intermediate course, COM 401 is an introduction to filmmaking and half-inch portable video production. Students produce several individual projects in both film and video, mastering the skills of scriptwriting, storyboarding, cinematography, editing, and sound mixing. Prerequisites: COM 305 or COM 306. Lab fee. 3 credits. Every semester; day and evening.

COM 402 Advanced Film and Video Production

An advanced course, COM 402 teaches film and portable video production, emphasizing the application of more complex production and post-production techniques in both dramatic and documentary projects. Prerequisite: COM 401. Lab fee. 3 credits. Spring semester; day.

COM 403 Film Criticism

An advanced course, COM 403 teaches film analysis and writing, examining the relationship among film theory, criticism, and production. Emphasis is placed on close analysis of specific films and examples of film literature. Students write several critical essays on films seen both inside and outside of class. Prerequisites: COM 305 or COM 306. 3 credits. Fall semester; day and evening.

COM 404 Acting I

An intermediate course, *Acting I* introduces students to the basic techniques and theories of acting. Students perform exercises in the fundamentals of voice, movement, and concentration. Performance of contemporary dramatic scenes provides students with the opportunity to practice scene and character analysis. Prerequisite: COM 203. 3 credits. Every semester; day and evening.

COM 405 Global Communications

An advanced course, COM 405 is designed as a seminar embracing an interdisciplinary approach to global communications and international relations. Particular attention is paid to issues surrounding human rights and the debates over the right to communicate. Specific topics covered in the seminar include interethnic communication, interpersonal skills in a multicultural environment, intercultural and ethnic minority media relations, theories of global communications, and communication in war and conflict. The underlying thrust of the seminar is the necessity for an understanding of cultural differences and a critical approach to the structure and relations of the media from a global perspective. Prerequisite: COM 304. 3 credits. Offered as needed.

COM 407 Acting II

An advanced course, *Acting II* introduces various acting techniques employed in theater, television, and film. Contemporary scenes are videotaped and played for discussion and analysis. Scenes from classic dramatic literature are also performed, directed, and evaluated. Conducted as a workshop. Prerequisite: COM 404. 3 credits. Spring semester; day and evening.

COM 409 Directing

An advanced course, COM 409 studies directing in film, radio, television, and theater. Students direct documentaries, commercials, news features, and special film and television features. Prerequisite: COM 401. 3 credits. Fall semester; day.

COM 410 Writing for Performance

An intermediate survey of the writing techniques and skills for theater, film, and television. Students study format, characterization, scene construction, dialogue, narrative, and basic structure of those media. The course includes analysis of plays, screenplays, documentaries, industrials, and commercials. Student scripts are read and analyzed. Prerequisite: WRI 1100. 3 credits. Every semester; day and evening.

COM 411 Creative Advertising

An advanced course teaching creative techniques used in print and electronic advertising. Emphasis falls on copywriting and design, using the latest desktop publishing, brochure, and website development methods. Students produce creative products to fit promotional specifications while learning how to integrate art and copy demands with marketing goals. Prerequisites: COM 302, COM 304, and COM 307. 3 credits. Spring semester; day and evening.

COM 492 Movie Vision: Fiction and Film in American Cinema (Honors)

An advanced course, COM 492 starts with four modern American literary masterpieces and examines the directorial process and writing art through which significant literature is transposed to the screen. In addition to analyzing literary models and film adaptations, this course seeks to instruct students in movie method and technology, with emphasis on the cultural roots of perspective and mise-en-scene. Tensions and compatibility between the verbal communication of the novelist and the iconic imagination of the director are studied as vital components of a critical approach to both film and literature. 3 credits. Offered as needed.

COM 500 Independent Study

An advanced course, COM 500 requires a research project concentrating in one area of communications. A written and/or video and oral report is required at the end of the study. Conducted as a tutorial. Prerequisites: Communications major with junior or senior standing and a 3.0 index. 1-3 credits. Offered as needed; day and evening.

COM 501 Documentary Film and Video Workshop

An advanced course in the special problems and techniques of documentary film and video production, covering areas of direction, script writing, pre-production, and the specific production and post-production skills used in a documentary. Students in the course collaborate on several production projects as well as analyze examples of documentary formats in film and television. Prerequisite: COM 401. Lab fee. 3 credits. Fall semester; day.

COM 502 Public Relations in Modern Media

An advanced course designed specifically for communications majors. Introduces basic skills and creative techniques employed in the development of public relations campaigns. Special emphasis is placed on the creation of messages and the selection of media. Applications include the crafting of press releases, development of video and film releases, speech writing, and oral presentations. Examples examined are drawn from government, industry, and politics. The goal of the course is to present the public relations function against a backdrop of social dynamics and essential communication processes contributing to its effectiveness. Prerequisites: COM 302, COM 307, and COM 310. 3 credits. Spring semester; day and evening.

COM 503 Small Group Discussion

An intermediate course, COM 503 examines the dynamics of small group communication theory and process in actual day-to-day small group experiences. The course focuses primarily on problem-solving groups using the case-study approach. Areas of exploration include leadership, participation, roles, norms, conflicts, cohesiveness, consensus, productivity, member satisfaction, group formats, problem-solving agenda systems, and group discussion techniques. Prerequisite: COM 203. 3 credits. Fall semester; day and evening.

COM 505 Theater Production Workshop

An advanced course. Open to all students, COM 505 is a theater production course designed for students in the speech and theater concentration. Students produce, direct, and perform in a series of scenes and/or plays that evolve into complete productions. The entire production process is supervised by the course instructor, but students are responsible for the creative process. When available, professional actors, writers, and directors participate in the workshop. The course meets once weekly. The completed production is open to the public in the last session. Prerequisite: COM 404. 3 credits. Offered as needed; day, evening.

COM 510 Senior Comprehensive

A capstone course. Required of all communications majors before graduation and taken during the senior year, COM 510 is offered on a tutorial basis and aims to evaluate the professional competence of the student. Study is individual and culminates in a thesis, report, performance, and project to be supervised by a chosen mentor with occasional outside evaluation. Prerequisite: Senior standing. 3 credits. Offered as needed.

COM 511 Senior Seminar

A group version of COM 510, this course culminates in a thesis, report, performance, and project. Prerequisite: Senior standing. 3 credits. Offered as needed.

COM 550 Communications and the Law

An advanced course that explores the relationship of communications issues to legal proceedings and theory. While First Amendment issues are addressed, attention is also given to the relationship of the press to the courts, television to the courts, and the impact of mass communication technology on matters of justice and due process. Prerequisite: COM 304. 3 credits. Fall semester; evening.

COM 560 History of Television

An advanced course that traces the development of broadcast television from inception to today's entertainment. A survey of television's favorite genres, creative highpoints, and most memorable celebrities. Intended for advertising- and broadcast-track students. Prerequisite: COM 304. 3 credits. Spring semester; evening.

COM 570 Modern Radio

An advanced course that introduces the art and business of radio broadcasting for broadcast and advertising students, COM 570 offers a hands-on approach to today's media with exploration of radio's audiences, sponsors, and societal impact. Prerequisite: COM 304. 3 credits. Spring semester; evening.

COM 600 Field Experience

An advanced course open to majors with an overall 3.0 index and/or significant accomplishments in the field of communications. Students are encouraged to engage in field experience. Assignments depend on the availability of suitable programs. The instructor agrees to guide and evaluate the quality of work and research undertaken. Field experiences must relate to the area of communication in which the student has specialized. During an internship, students must maintain a comprehensive daily log of personal work activities and attend a series of seminars during the field experience period. Prerequisite: Chairperson's approval. Open only to Communications majors. 3 credits. Offered as needed.

Drama [DRA] Courses

Effective fall 2005, the English department modified its curriculum. English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], International Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the yellow section of this book. For specific course information, contact the English department in room 6005 or call (718) 489-5217.

DRA 3501 Drama: Literature and Performance

Drama is the most collaborative of literary genres. A play is not complete until it has passed through the hands of the playwright, actors, director, costumer, set designer, and others. In addition to reading plays, this course looks at the many contributions that go into the production of theatrical performances. A major component of the course is a collaborative dramaturg project. The class attends a live performance. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2006.

DRA 3502 The Tragic Muse

This course is an exploration of the nature of tragedy. Readings range from classical to contemporary, including plays as well as theoretical writings about tragedy such as Aristotle's Poetics and Miller's "Tragedy and the Common Man." The class attends a live performance. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2007.

DRA 3503 The Comic Vision

This course examines the nature of comedy, including its relation to the normative values of the society that produces it. Plays and theoretical writings from classical to contemporary times are read. The class attends a live performance. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2007.

DRA 3504 American Theater: Broadway and Summer Stock

Development of the Broadway and summer stock theater, including the Broadway musical and its minstrel show and vaudeville roots; the great age of innovative American drama and theater practice; the great theater houses. Playwrights may include O'Neill, Miller, Williams, Mamet, Albee, among others. The class attends a live performance. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2008.

DRA 3601-3699 Special Topics in Drama

The study of a theme, movement, image, iconography, theory, or similar focus as it emerges in the dramatic genre. The title is announced in the course offerings for a specific semester. Check with the instructor for a course description. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Offered as needed.

Economics [ECO] Courses

For specific course information, contact the Economics department in room 5320 or call (718) 489-5266.

Undergraduate Courses

ECO 1201 Principles of Macroeconomics

Macroeconomics; the foundation of economic analysis; national income, employment, and economic growth; aggregate demand and supply, saving, and investment; economic fluctuations; monetary and fiscal policy; the international economy. Pre- or co-requisite: MAT 050 or placement exam. 3 credits. Every semester; day and evening.

ECO 2202 Principles of Microeconomics

Microeconomics; markets, the price system, and the allocation of resources; competition, monopoly, monopolistic competition, and oligopoly; government and business; the distribution of income. Prerequisite: ECO 1201. 3 credits. Every semester; day and evening.

ECO 2303 Economic Issues Today

An examination of significant economic problems and an application of economic theory to an analysis of their roots and possible solutions. Typical issues include recession, poverty, financial instability, underdevelopment, monopolies, and pollution. Prerequisite: ECO 1201. 3 credits. Spring semester 2006; evening.

ECO 2306 Money and Banking

Money and credit, commercial banking, central banking, monetary theory and practice, financial regulation. Prerequisite: ECO 1201. 3 credits. Every semester; day and evening.

ECO 3302 Economic Development of the United States

From the economics of Native Americans to colonial settlement and slavery, from independence and the development of a free-labor market to the rise of the U.S. as an international economic power, through periods of expansion and economic crises, a study of U.S. economic development gives powerful insights into the process of economic change and the achievements and problems of the U.S. today. Prerequisite: ECO 1201. Fall semester 2006; day.

ECO 3304 Economics of Less Developed Countries

Empirical and theoretical issues relating to the process of economic development in developing countries. The measurement of economic growth and the meaning of economic development; the mobilization of economic resources; poverty, unemployment, and unequal income distribution; the debt crisis and development strategies. Discussion of modernization, dependency, and neoclassical theories of economic development. Prerequisite: ECO 1201. 3 credits. Fall semester 2005; day. Fall semester 2006; evening.

ECO 3305/ICS 305 European Economies

A study of the European Union, the economies in transition in Central and Eastern Europe and the Balkans. Particular emphasis is placed on the question of nationalism and the issues confronting multinational states in Europe today. Prerequisite: ECO 1201. 3 credits. Spring semester; day.

ECO 3307 Environmental Economics

The impact of production and consumption decisions on the environment. The principles of sustainable economic development and their implications for policy in both developed and less developed countries. Prerequisite: ECO 1201. 3 credits. Fall 2005; day.

ECO 3308 Urban Economics

The interaction between private decisions on the location of production and housing and forms of transportation, together with an analysis of the impact of government policy. A critical discussion of the impact of economic crises on cities and states. An analysis of contemporary urban problems such as homelessness, unemployment, racial antagonism, and pollution. Prerequisite: ECO 1201. 3 credits. Spring semester; day.

ECO 3309 Labor Economics

The operation of labor markets, including an analysis of wage structure and unemployment. Labor-management relations and their effect on productivity, profitability, and wage levels. Current labor legislation. An evaluation of institutional and radical approaches that challenge traditional neoclassical analysis of labor market dynamics. Prerequisite: ECO 1201. 3 credits. Spring semester 2007; evening.

ECO 3310 Health Economics

An introductory study of health economics that explores a variety of health-related issues. On the basis of given scarce resources and using economic tools, this course analyzes the process of the production of health care and its distribution in the U.S. as compared to other countries. This analysis includes a critical approach to the details of private and public health care systems. Prerequisite: ECO 1201. Fall semester 2005; evening. Fall semester 2006; day.

ECO 3313 Applied Statistics for Economics

This course provides students with an introduction to the ways in which economists make use of data in the analysis of both micro- and macroeconomic issues. Students learn to apply some of the basic tools of statistics such as regression analysis to address both theoretical questions and policy issues. Prerequisites: ECO 1201 and MAT 301. 3 credits. Spring semester; day.

ECO 3319 The Economics of Discrimination

This course explores the economic implications of discrimination on the basis of race/ethnicity, gender, sexual orientation, and age. An examination of differential access to education and jobs. Historical trends in earnings differentials. A critical discussion of alternative theoretical perspectives, including those of neoclassical and political economists. The effectiveness of anti-discrimination policies such as affirmative action and comparable worth legislation. Prerequisite: ECO 1201. 3 credits. Spring semester 2007; day.

ECO 3331/FIN 301 Principles of Finance

Aspects of financing corporate entities in the functioning of the economy; equity financing, capital structure; bond flotation, mergers, and takeovers; holding companies; security underwriting and market rights; warrants and options. The use of financial ratios, time value of money, and other techniques of financial analysis. (This course will not count as a liberal arts elective.) Prerequisites: ACC 1001 or ACC 1101, ECO 2202 or ECO 2306, and MAT 105 or placement exam. 3 credits. Fall semester; day and evening.

ECO 3332/FIN 302 Managerial Finance

Focuses on the efficient management of the financial resources of the firm. Consideration is given to the time value of money, the statistical analysis of risk, and the use of financial ratios. Explores financial statements, analysis, financial planning, working capital management, short- and long-term financing, and optimal capital structure. Lease vs. purchase and dividend policies are studied. (This course will not count as a liberal arts elective.) Prerequisite: ECO 3331/FIN 301 and MAT 109. 3 credits. Offered as needed.

ECO 3333/FIN 312 Security Analysis

Quantitative and qualitative methods of analyzing industrial securities, with emphasis on common stock; principles underlying the selection and management of both individual and institutional portfolios; market timing and technical strategies. (This course will not count as a liberal arts elective.) Prerequisite: ECO 3331/FIN 301 and MAT 109. Lab fee. 3 credits. Offered as needed.

ECO 3334/FIN 334 Government Finance

A study of government budgets and the budgetary process. The role of federal, state, and local governments in production and the provision of Social Security. The economic impact of alternative expenditure on income distribution. The impact of government borrowing on financial markets. Prerequisites: ECO 3331/FIN 301 and MAT 109. 3 credits. Fall semester; day.

ECO 3340 Gender and the Economy

An exploration of the ways in which economic systems are structured by gender. The course revisits economic history, paying particular attention to changes in the gender division of labor and the gendered distribution of production. It looks at economic issues facing women in the world today in advanced countries such as the U.S. and in less developed countries. It also explores ways in which economic theory is changing as economists work to broaden their perspective and overcome their historical blindness to issues of gender. Prerequisite: ECO 1201. 3 credits. Spring semester 2006; day.

ECO 4403 International Economics, Trade, and Finance

Principles, practices, and problems of international trade and finance. The development and current state of regulations and treaties governing international economic relations. International institutions such as the IMF, World Bank, and WTO. Prerequisites: ECO 2306 and junior standing. 3 credits. Fall semester; day.

ECO 4406 Development of Economic Thought

A survey of economic thought principally from the 17th century to the present day; mercantilism; physiocracy and the emergence of the science of economics; the Classical School; the rise of socialist protest; marginalism and the neo-classical synthesis; Keynes and post-Keynesian economics; monetarism. Prerequisites: ECO 2202, ECO 2306, and senior standing. 3 credits. Spring semester; day.

ECO 4411 Concepts in Economic Analysis

Intermediate micro- and macroeconomic theory. This course is highly recommended for students who intend to pursue graduate studies. Prerequisites: ECO 2202, ECO 2306, and junior or senior standing. 3 credits. Spring semester; day.

ECO 4433/FIN 412 Portfolio Management

The construction and analysis of both individual and institutional investment portfolios; portfolio objectives, strategies, and constraints; economic and non-economic variables impacting portfolios; performance measurement. (This course will not count as a liberal arts elective.) Prerequisite: ECO 3331/FIN 301 and MAT 109. 3 credits. Fall semester; evening.

ECO 4990 Internship

Students with significant accomplishments in the major may be granted permission by the Chairperson of the Economics department to serve as an intern in selected workplaces. Assignments depend on availability of suitable internships. The student must maintain a comprehensive daily log of work activities and report regularly to the Chairperson throughout the internship. Prerequisite: Chairperson's approval. Open only to Economics majors. 3 credits. Offered as needed.

ECO 4995 Independent Study

Individual research and study with the approval of the department of Economics. 1-3 credits. Offered as needed.

ECO 4998 Seminar in Economics

A thesis seminar primarily for Economics seniors in which the main project is the writing of a research paper on a topic to be chosen by the student in consultation with the instructor. Prerequisites: ECO 2202, ECO 2306, ECO 3313, and senior standing. 3 credits. Fall semester; day.

ECO 5400-5499 Honors Topics in Economics

This course explores specific, identified topics in the discipline of Economics. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. Open to Honors students only. 3 credits. Offered as needed; day.

Graduate Course

ECO 6411 Economic Theory and Analysis

Advanced macro- and microeconomic theory. The course covers such topics as consumer theory, production theory, cost theory, market structure in competitive and monopolistic environments, national income determination using four-sector Keynesian cross models and the IS/LM framework, and finally introductory dynamics and the Harrod-Domar and Solow growth models. Prerequisites: ECO 2202 and ECO 2306. 3 credits. Offered as needed.

Education [ED] Courses

Effective fall 2005, the Education department modified its curriculum. Education courses appear as Adolescent Education [AED], Childhood Education [CED], Education [ED], Fitness [FIT], and Physical Education [PE]. PE courses will *not* satisfy the College's Fitness requirement. Students interested in physical activities, fitness, or exercise should refer to Fitness [FIT] courses. *For further information, please refer to the Education department in the yellow section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

ED 201 Foundations of Education: History and Philosophy

Examination of various philosophies and theories of education from ancient times to the present, including curricular movements, current issues, and standards-based education. This course is a prerequisite to the professional course sequence in Teacher Education. A grade of *B* or higher is required for admission into the teacher education program. Prerequisite: Cumulative index 2.75 or higher. Field Experience: 15 hours. 3 credits. Fall semester; day and evening.

ED 202/PSY 230 Educational Psychology

A study of the application of psychological theory and research to educational practice from a developmental perspective. Topics include: human growth and development, learning theory, teaching effectiveness, and differentiating instruction and classroom management. Technology-assisted education. A grade of *B* or higher in this course is required for admission into the teacher education program. Prerequisite: Cumulative index 2.75 or higher. Field Experience: 15 hours. 3 credits. Fall semester; day and evening.

ED 204/PSY 333 The Psychology of the Exceptional Child

Considers the physical, intellectual, emotional, and social characteristics of the atypical child. It explores discrepancies in growth and development, learning disabilities, behavioral and societal problems of the gifted and handicapped, and the implications for curriculum and instruction to meet and exceed state and local learning standards. This course fulfills part of the Special Education requirement for NY State Certification and New York City teaching licenses. Prerequisite: Cumulative index 2.75 or higher. Field Experience: 15 hours. 3 credits. Every semester, including summer; day and, evening.

ED 402/PSY 231 Assessment and Evaluation

An introduction to statistical methodology, reliability, and validity applied to formal and informal assessment techniques in the classroom. Development and use of rubrics across the curriculum. Evaluation of high stakes testing programs related to local, state, and national curriculum and learning standards. Prerequisite: A grade of *B* or higher in ED 201 and ED 202. Field Experience: 15 hours. 3 credits. Every semester; day and evening.

ED 404 Supervised Student Teaching

Two full-time placements in an elementary school, middle school, or high school (as appropriate to the student's teaching level) of the student's senior year. Includes a bi-weekly seminar at the College. Restrictions apply regarding the number of other courses that may be taken during this semester. Departmental approval required. 6 credits. Every semester; day.

ED 405 Extended Field Experience

Taken during first semester of senior year. Two days per week of full-time, supervised field experience in an approved school setting. Bi-weekly seminar attendance. Prerequisite: Department approval. 1-3 credits. Day.

ED 440 Art in Education—Study Abroad

Travel study of the history, art, and culture in Florence through a department-sponsored tour. The course demonstrates the importance of art instruction for literacy development in both childhood and secondary education. Preparation classes and papers are required. Prerequisite: Any AED or CED course 400 or higher. 3 credits. Summer session.

ED 500 Independent Study in Education

Independent work in an area of special interest. Special project, report, or term paper. Prerequisite: Departmental approval. 1-3 credits. Every semester; day and evening.

English [ENG] Courses

Effective fall 2005, the English department modified its curriculum. English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], International Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the yellow section of this book. For specific course information, contact the English department in room 6005 or call (718) 489-5217.

ENG 4000-4399 Seminar Topics

English seminars are courses designed to engage student and professor in a conversation on a topic about the research and thinking to be done over the semester. The objective of the seminar is to maintain an informed conversation about the seminar's focus. Students are expected to participate in seminar conversation and, through formal presentations, lead the conversation. Since the purpose of the seminar is also to do research on the topic to bring the seminar group to a better understanding of the issues, formal research papers and reports are regular parts of the course. Prerequisite: Five AML, BRL, DRA, or LIT courses 2100 or higher. 3 credits. Offered every semester.

ENG 4400-4499 Tutorials

Tutorials are gatherings of a small number of students around a topic announced by a professor of the English department. Students interested in pursuing research, discussion, and analysis of a particular idea with a member of the English faculty are invited to speak with the professor to find out the expectations for students to participate and how students are assessed for their work. Typically professors who are working on research or an academic project offer opportunities for interested students to join them. Prerequisite: Chairperson's approval. 3 credits. Offered as needed.

ENG 4995 Independent Study in English

When a student has a particular interest in a topic not addressed by the offerings of the English curriculum or has a need to pursue an idea on a more formal basis, it is possible to propose an independent study. The student would seek out a member of the English faculty willing to oversee or guide a semester's activity on the subject. Specific guidelines for *Independent Study in English* are available in the English department. Students should begin the process of securing a mentor and completing the required forms before formal registration for the next semester. Prerequisite: Three AML, BRL, DRA, LIT, ENG, or WRI courses 2100 or higher, cumulative index of 3.0 or higher, and Chairperson's approval. 1-3 credits. Offered as needed.

ENG 4997 Senior Thesis

A senior thesis, required for all English majors, is proposed via English department proposal format during the last semester of the student's junior year. At the same time, a proposed bibliography, signed by the English faculty member who serves as mentor for the thesis, is submitted. Thesis proposals must be approved by the English faculty. Details may be obtained in the English department. Prerequisite: Two AML, BRL, DRA, ENG, or LIT courses 3000 or higher, and departmental approval. 3 credits. Offered as needed.

Fine Arts [FA] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 6004 or call (718) 489-5325.

FA 401 Music of the Western World

A survey of important music and musicians of the Western World from the beginning of the Christian era to the present. Lectures are supplemented by recordings, films, slides, and concerts. 3 credits. Every semester; day and evening.

FA 402 Orientation in Art

A simple approach to the understanding of the plastic arts on a conceptual basis, including within its scope historical and aesthetic materials. 3 credits. Every semester; day and evening.

FA 403 Music of Many Cultures

An introduction to the music of cultures such as those of India, Indonesia, Japan, Europe, and Sub-Saharan Africa. The music of African-Americans and Native Americans is also studied. Lectures are supplemented by recordings, films, slides, and concerts. 3 credits. Fall semester; day. Spring semester; evening.

FA 404, 405 Introduction to Studio Art

The arts are a resource for enlarging students' experiences beyond their immediate surroundings. Instruction in the arts encourages students to take pleasure in creating and performing in the arts, regardless of previous experience. In this course, students explore the basic elements and principles of art, such as space, form, and color, and use these principles to create original and meaningful pieces of artwork. Prerequisite: FA 402. Lab fee. 3 credits. FA 404 in Fall semester. FA 405 in Spring semester; day.

FA 406 Ancient Egyptian Art

A study of Ancient Egyptian architecture, sculpture, painting, and crafts from the first through the 22nd dynasties. Factors contributing to the art of the Old, Middle, and New Kingdoms is analyzed, including ancient Egyptian geography, history, culture, literature, and mythology. Slide lectures, classroom discussions, readings, and museum visits are included. Prerequisite: FA 402. 3 credits. Offered as needed.

FA 407 Art and Archeology in Latin America

A survey of the art and archeology of the pre-Colombian civilizations in Mesoamerica and the Andean region in South America. The focus is on four cultures: the Olmec, the Maya, the Aztec, and the Inca. The colonial art of a later period and contemporary art are also studied. Field trips to museums. Prerequisite: FA 402. 3 credits. Offered as needed.

FA 408 Italian Fine Arts

This survey of art and architecture in Italy since 1200 focuses on major styles and movements as well as on principal figures and personalities in the arts. Outstanding cities that served as centers for artists are also studied. Lectures, slide presentations, films, and museum visits. Oral and written reports. Prerequisite: FA 402. 3 credits. Fall semester 2006; day.

FA 409 Art and Architecture in England

An introduction to the major movements, styles, and examples of English architecture and painting from the Middle Ages until today. Museum visits supplement class lectures and slide presentations. Prerequisite: FA 402. 3 credits. Spring semester 2006; day.

FA 410 Women in the Arts and Sciences (Honors)

The liberal arts curriculum familiarizes students with fundamental human concerns. In many disciplines, however, women's contributions (in both traditional and non-traditional forms) have historically been overlooked and underrepresented. This Honors seminar enriches the liberal arts curriculum by studying women's contributions in science, the visual arts, music, and literature. The ways women write about their lives in diaries and letters, memoirs and autobiography, fiction and poetry are also explored. Concert and theater attendance, museum visits, guest lectures, and student presentations supplement classroom discussion. Prerequisite: FA 402. 3 credits. Offered as needed; day.

FA 411 Music and Creativity

Open to both the musician and the non-musician, this course is designed to introduce the student to the world of music in both theory and experience. The course provides the student with an approach to analyzing music, the art of composition, and the study of an instrument. Containing discussions on how individuals perceive music, the course addresses the different levels of perceiving music. The class attends several concerts together throughout the semester. These live performances, together with a variety of recordings, provide useful tools for discussion and comparison of the students' own work. Note: Knowledge of reading music is required for this course. Prerequisite: FA 401. 3 credits. Offered as needed; day.

FA 412 Selected Readings in Honors (Honors)

An interdisciplinary seminar course in which a variety of texts (novels, plays, essays, and criticism) are read. Emphasis is on eliciting from the students a critical reading of the texts. Seminar discussions, written analysis, oral reports, and term papers, are required for participants. Professors from various departments of the College participate. Prerequisite: Honors student. 3 credits. Offered as needed day.

FA 413 Austrian Culture and Fine Arts

An introduction to the culture and arts of Austria, with particular attention to Vienna. Painting, sculpture, architecture, urban planning, and music are examined in historical perspective. Classroom lectures are supplemented by slides, films, and museum visits. Prerequisite: FA 402. 3 credits. Offered as needed day.

FA 414 Art in New York City (Honors)

This seminar generally surveys contemporary art and the New York area scene. It helps students discover new artists, be knowledgeable about different media, and to put recent work in historical context. Guest lectures may include working artists, art dealers, curators, arts administrators, and collectors. Class meetings may take place off campus at galleries, artist studios, and museums. Prerequisite: FA 402. 3 credits. Offered as needed; day.

FA 415 Opera in NY City (Honors)

This seminar focuses on a group of operatic masterpieces currently performed in NYC opera houses by such composers as Monteverdi, Handel, Mozart, Verdi, Wagner, Puccini, and Berg. Both the music and the librettos are studied as the theme "opera as drama" is explored. Classroom discussion and viewing of the operas are supplemented with student presentations and attendance at two operas. 3 credits. Offered as needed; day.

FA 416 Early and Medieval Christian Art

This course focuses on the development of the arts within the Church from the fourth to the 14th century. It begins with an introduction to common symbols and themes used in the arts of the period and progresses to the study of painting, sculpture, and architecture. Particular emphasis is placed on the evolution of these art forms from the early Christian period through the Gothic. Decorative and functional objects such as stained-glass windows and reliquaries are examined for their style and purpose. Prerequisite: FA 402. 3 credits. Offered as needed.

FA 417/LIT 5406 The Blues, Jazz, and the Harlem Renaissance (Honors)

An exploration of blues, jazz, and the literature of the Harlem Renaissance. In the process of developing a stronger, more critical appreciation of these art forms, students study such legendary figures as Alain Lock, WEB duBois, Langston Hughes, Zora Neal Hurston, Louis Armstrong, Bessie Smith, and Duke Ellington. Lectures are supplemented with film, slides, and recorded examples. We will attend live jazz performances. 3 credits. Offered Spring 2006 and as needed.

FA 420 American Art

This course focuses upon the major American painters, sculptors, and architects since the colonial era with emphasis on their artistic output and its relation to evolving American society and other forms of American culture such as literature and music. One of the essential issues of the course is to determine what, if anything, is uniquely American about this art. An interdisciplinary approach is taken. Slide lectures, reading, and writing assignments are supplemented by field trips, guest lectures, and student presentations. The rich cultural heritage of New York City is extensively drawn upon. Prerequisite: FA 402. 3 credits. Spring 2007.

FA 440 Studies in Architecture: The Building Is the Book (Honors)

A study of the major architectural movements and monuments in the Western World with a view to developing the student's ability to read a building in correct architectural terms. Slide presentations, lectures, seminar oral reports, field trips, and term paper are required. Prerequisite: Honors student, FA 402. 3 credits. Fall semester 2005; day.

FA 500 Independent Study in Fine Arts

A project is undertaken by the student with the approval of the department Chairperson and mentor. Students develop and pursue a reading and research program resulting in a paper of appropriate length. 1-3 credits. Offered every semester; day.

FA 501 Choir

Members of the College Choir may apply for a one-credit independent study based on their training, practice, rehearsals, and public performances during one semester. Approval from the department Chairperson is required and evaluation is conducted by the department Chairperson in consultation with the Moderator of the Choir. This course is for 1 credit and may be repeated for a maximum of three credits. Offered every semester; day.

Finance [FIN] Courses

For specific course information, contact the Management department in room 5009 or call (718) 489-5347.

Undergraduate Courses

FIN 301/ECO 3331 Principles of Finance

Aspects of financing corporate entities in the functioning of the economy; equity financing; capital structure; bond floatation, mergers, and takeovers; holding companies; security underwriting and market rights; warrants and options. The use of financial ratios, time value of money, and other techniques of financial analysis. (This course will not count as a liberal arts elective.) Prerequisites: ACC 1001 or ACC 1101, ECO 2202 or ECO 2306, and MAT 105 or placement exam. 3 credits. Fall semester; day and evening.

FIN 302/ECO 3332 Managerial Finance

Focuses on the efficient management of the financial resources of the firm. Consideration is given to the time value of money, the statistical analysis of risk, and the use of financial ratios. Explores financial statements, analysis, financial planning, working capital management, short- and long-term financing, and optimal capital structure. Leases versus purchases and dividend policies are studied. (This course will not count as a liberal arts elective.) Prerequisite: ECO 3331/FIN 301 and MAT 109. 3 credits. Offered as needed.

FIN 312/ECO 3333 Security Analysis

Quantitative and qualitative methods of analyzing industrial securities, with emphasis on common stock; principles underlying the selection and management of both individual and institutional portfolios; market timing and technical strategies. (This course will not count as a liberal arts elective.) Prerequisite: ECO 3331/FIN 301 and MAT 109. Lab Fee. 3 credits. Offered as needed.

FIN 316 Personal Finance

Analysis of the many aspects of personal finance in modern society. Topics include personal budgeting, investments, mortgages, insurance, and taxes. Prerequisite or co-requisite: ECO 3331/FIN 301. 3 credits. Fall semester; evening. Spring semester; day.

FIN 334/ECO 3334 Government Finance

A study of government budgets and the budgetary process. The role of federal, state, and local governments in production and the provision of Social Security. The economic impact of alternative expenditure on income distribution. The impact of government borrowing on financial markets. Prerequisites: ECO 3331/FIN 301 and MAT 109. 3 credits. Fall semester; day.

FIN 340 Insurance and Risk Management

To learn and understand risk management and all the insurance implications of the business world including property, liability, underwriting, reinsurance, retention of risk, and claims management. To recognize the importance of insurance and risk management within all business industries in our society and to be exposed to the opportunities in this field. Prerequisite: ECO 3331/FIN 301 and MAT 109. 3 credits. Offered as needed.

FIN 412/ECO 4433 Portfolio Management

The construction and analysis of both individual and institutional investment portfolios; portfolio objectives, strategies, and constraints; economic and non-economic variables impacting portfolios; performance measurement. (This course will not count as a liberal arts elective.) Prerequisite: ECO 3331/FIN 301 and MAT 109. 3 credits. Offered as needed.

FIN 416 Introduction to Financial Derivatives

Examines the use of financial derivatives, including options, forwards, futures, and swaps. Topics are approached with a blend of theory and practice. Considerable emphasis on quantitative analysis of pricing and strategies with the objective of preparing the student to properly use derivatives in managing the financial risks of a business. Prerequisites: ECO 3331/FIN 301 and MAT 109. 3 credits. Offered as needed.

FIN 420 International Finance

An examination of the range of financial issues facing companies once they begin conducting business and/or owning assets outside the country in which they are headquartered. This course is a combination of corporate and managerial finance. Issues such as using global financial markets to finance the firm, identifying and managing currency risk, and the operational and strategic use of hedging techniques are highlighted. Students also learn how the value of an international firm is affected by the scope and nature of its international operations and international finance activities. Prerequisite: ECO 3331/FIN 301 and MAT 109. 3 credits. Offered as needed.

FIN 422 Financial Institutions Management

Analyzes the structure of corporations providing financial services. Course examines institutions such as commercial banks, investment banks, and insurance companies. Management problems unique to such firms are considered. Areas examined include management of assets and liabilities, credit and interest rate

risk, control of financial operations, and the impact of government regulations. Prerequisite: ECO 3331/FIN 301 and MAT 109. 3 credits. Offered as needed.

Graduate Course

FIN 6501 Advanced Finance

This course focuses on the management of a firm's financial resources; aspects of financing corporate entities in the functioning of the economy; capital structure; equity versus debt financing; various aspects of security underwriting with attention paid to such issues as rights, warrants, and flotation costs. Consideration is also given to applications of time value of money analysis, the statistical analysis of risk, and the use of financial ratios. It explores such topics as financial statement analysis, financial planning, working capital management, capital budgeting, short- and long-term financing, and optimal capital structure. Lease vs. purchase and the impact of international finance may also be studied. Prerequisite: FIN 301. 3 credits. Offered as needed.

Fitness [FIT] Courses

Effective fall 2005, the Education department modified its curriculum. Education courses appear as Adolescent Education [AED], Childhood Education [CED], Education [ED], Fitness [FIT], and Physical Education [PE]. PE courses will *not* satisfy the College's Fitness requirement. Students interested in physical activities, fitness, or exercise should refer to Fitness [FIT] courses. *For further information, please refer to the Education department in the yellow section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

FIT 102 Exercise, Fitness, and Weight Control

An interdisciplinary approach to the relationship of exercise to health, including nutrition and weight control, stress reduction, and cardiovascular fitness. The course includes classroom work as well as participation in fitness assessment and activities. 2 credits. Offered as needed.

FIT 121 Beginning Swimming

Basic instruction in swimming for non-swimmers. 2 credits. Offered as needed; day.

FIT 122 Water Safety Instruction

Students work toward an American Red Cross Water Safety Instructor Certificate. Prerequisite: Advanced swimming ability. 2 credits. Offered as needed; day.

FIT 123 Fitness Swimming

This is a self-paced course designed to enable the student to improve cardiovascular fitness and meet personal fitness goals through swimming. Water safety is discussed. Meets physical education swimming requirement. Students must be able to complete a 100-yard continuous swim, including 25 yards each of freestyle, backstroke, breaststroke, and one other stroke of the student's choice before enrolling in this course. Prerequisite: Instructor approval. 2 credits. Offered as needed.

FIT 131 Traditional Japanese Karate

Instruction in karate skills. 2 credits. Offered as needed.

FIT 141 Fencing

Students are introduced to basic fencing movement concepts and strategies. Conditioning exercises are included. 2 credits, 2 hours. Every semester.

French [FRE] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 6004 or call (718) 489-5325.

FRE 101 Beginning Year French I

The attainment of audio-lingual skills. For students who are beginning French and for those who have studied French for no more than two years in high school. 3 credits. Every fall; day.

FRE 102 Beginning Year French II

Continuation of FRE 101. Prerequisite: FRE 101. 3 credits. Every spring; day.

FRE 103 Second Year French I

The control of elementary audio-lingual skills and their further development; emphasis on developing reading skills. Prerequisite: FRE 102 or three years of language reading and conversation in high school or passing a placement test (see Chairperson). This course is not for native or fluent speakers. 3 credits. Every fall; day.

FRE 104 Second Year French II

Continuation of FRE 103. Prerequisite: FRE 103. 3 credits. Every spring; day.

FRE 201 Masterpieces of French Literature I

Reading and discussion of major works from the medieval period to the 20th century, these works are read in modern versions of the original language. Prerequisite: FRE 104 or four years high school French or placement by the department Chairperson. 3 credits. Offered as needed.

FRE 202 Masterpieces of French Literature II

Continuation of FRE 201. Prerequisite: FRE 201. 3 credits. Offered as needed.

FRE 303 Advanced French Conversation

Designed to develop the technique and vocabulary of discussion as a supplement to expression in the areas of experience. Prerequisites: FRE 202. 3 credits. Offered as needed.

FRE 304 Nineteenth-Century French Literature

A study of the principal authors and literary movements of this period, exclusive of the poets. Prerequisites: FRE 202. 3 credits. Offered as needed.

FRE 403 Twentieth-Century French Literature

A study of the development of French literature from 1900 to the present. Prerequisites: FRE 202. 3 credits. Offered as needed.

FRE 405 French Civilization and Culture

French culture and civilization topics are studied including geography, provinces, local traditions, linguistic development, music, art, architecture, cuisine, literature, and theater as well as political, social, and economic conditions. Students work on individual topics, presenting the results of their research in oral and written reports. Use of lectures, field trips, slides, films, and videos. Prerequisite: FA 402. 3 credits. Spring semester 2007; day.

FRE 408 Eighteenth-Century French Literature

A study of 18th-century literature as a reflection of the historical, social, and cultural development of France. Prerequisite: FRE 202. 3 credits. Offered as needed.

FRE 410 Studies in French

Liberal arts credit; does not fulfill a language requirement. Conducted entirely in English and dealing with an aspect of French literature or civilization. Specific topic to be announced each semester. 3 credits. Offered as needed.

FRE 500 Independent Study in French

A research and reading project, agreed upon by professor and student, is carried out under the professor's supervision. The student's progress is monitored by regular meetings and reports. Evaluation by means of any of several methods—examinations, written assignments, term paper, oral reports. Prerequisite: Chairperson's approval. 1-3 credits. Every year; day.

History [HIS] Courses

For specific course information, contact the History, Political Science, and Social Studies department in room 7004 or call (718) 489-5232.

HIS 1101 Survey of Western Civilization (to 1500)

A survey of the principal historical events, forces, and movements from the dawn of civilization to the Reformation; ancient, medieval, and early modern developments. 3 credits. Fall semester; day. Offered as needed; evening.

HIS 1102 Survey of Western Civilization (since 1500)

A survey of modern times, beginning with the Renaissance and Reformation, the rise of national states, the Enlightenment, the Age of Revolutions, and the 19th and 20th centuries. 3 credits. Spring semester; day. Offered as needed; evening.

HIS 1201 History of the United States: 1896 to Present

The major economic, social, intellectual, and political movements of the 20th century in the United States. 3 credits. Every semester; day and evening.

HIS 2101-2199/PSC 2101-2199 Lecture Series

This is a topical course in the subjects of Political Science and History. Each offering covers a different topic as selected by the instructor. The title is announced prior to registration; consult the department for a syllabus and further details. Prerequisite: HIS 1201 and either PSC 1202 or PSC 1204. 3 credits. Offered as needed.

HIS 2303/PSC 2312 The World in the 20th Century

A study of the evolution of the nation-state system in the 20th century. Concepts such as imperialism, nationalism, fascism, communism, neocolonialism, power politics, and containment are studied. 3 credits. Prerequisite: HIS 1201 or 15 college credits. Every semester.

HIS 2308/PSC 2310 Terrorism

An examination of the use of violence as a form of political behavior. Study of the origins of terror groups. Analysis of current trends and problems. Prerequisite: HIS 1201 or 15 college credits. 3 credits. Offered as needed.

HIS 2320-2323/PSC 2320-2323 Current Problems

Analysis of major economic, social, and developmental issues of a region from a global perspective. Lecture/discussion format with lectures conducted by leading figures in academic, political, and diplomatic fields. Prerequisite: HIS 1201 or 15 college credits. 3 credits. Spring semester; day.

HIS 2320/PSC 2320—Current Problems: Asia
HIS 2321/PSC 2321—Current Problems: Africa
HIS 2322/PSC 2322—Current Problems: Latin America
HIS 2323/PSC 2323—Current Problems: Middle East

HIS 2330/PSC 2330 War, Peace, and Cold War

This course seeks to review, analyze, and evaluate the events surrounding the world war era and its aftermath. From the Japanese invasion of China to the collapse of the Soviet Union, the episodes that mark the period are examined from military,

social, economic, and political viewpoints. Prerequisite: HIS 1201 or 15 college credits. 3 credits. Offered as needed.

HIS 2380-2389/PSC 2380-2389 Nations of the Modern World—Study Abroad

Study abroad. On-site study of the history, politics, and culture of a nation or region through department-sponsored tour. Scheduled principally during intersession and/or spring break. Preparation classes and papers are required. Prerequisite: consent of instructor. 3 credits. Offered as needed.

HIS 2380/PSC 2380—France
HIS 2381/PSC 2381—Latin America: Argentina, Brazil and Mexico
HIS 2382/PSC 2382—Russia
HIS 2383/PSC 2383—Germany
HIS 2384/PSC 2384—Italy
HIS 2385/PSC 2385—England
HIS 2386/PSC 2386—China
HIS 2387/PSC 2387—Ireland
HIS 2388/PSC 2388—Greece
HIS 2389/PSC 2389—Spain

HIS 2409/PSC 2409 The American Presidents

A study of the historical evolution of the presidency from the 18th century to the present, emphasizing both the institution and the characters of the men who have held the office. Prerequisite: HIS 1201 or PSC 1204. 3 credits. Spring 2006.

HIS 3202 Ancient History

A study of ancient history from the origin of man to the fall of Rome; contributions made by the ancient world to modern civilization. Prerequisite: HIS 1201. 3 credits. Spring semester; day.

HIS 3301 Medieval History

A survey of the history of the Middle Ages; feudalism, universities, monarchy, the Church, the Hundred Years' War. Prerequisite: HIS 1201. 3 credits. Fall semester; day.

HIS 3307 American Minorities

A survey of the peoples of the North American continent, with particular emphasis on the United States. Prerequisite: HIS 1201. 3 credits. Spring 2006.

HIS 3310 Latin American History

A survey of Latin American history from pre-conquest days to the present. Prerequisite: HIS 1201. 3 credits. Offered as needed.

HIS 3311 African-American History

A study of African-American life from 1619 to the present, with emphasis placed on the African-American experience in the United States during the 20th century. Prerequisite: HIS 1201. 3 credits. Fall 2006.

HIS 3312 Renaissance and Reformation

Intellectual and religious movements during the transition from the Middle Ages to modern times. Prerequisite: HIS 1201. 3 credits. Offered as needed.

HIS 3370 History of American Labor

Dedicated to the study of the American worker, this course begins with a study of colonial labor systems, the emergence of 19th-century workingmen's parties, and the origin and development of industrial and craft unions. It also treats working-class culture and the work ethic in American history. American labor leaders and labor ideologies are assessed. Labor-management relations and the federal role in labor-management disputes are also studied. Prerequisite: HIS 1201. 3 credits. Offered as needed.

HIS 3401 History of the U.S.: The Age of Discovery–1789

A survey from the earliest explorations and discoveries to government under the Constitution, the colonial struggle, the dominance of Great Britain, the Revolutionary War, and the Critical Period. Prerequisite: HIS 1201. 3 credits. Fall semester; day or evening.

HIS 3402 History of the United States: 1789–1896

A study of the U.S. as it struggled to set its new government into motion and the political, economic, cultural, and diplomatic developments that followed in the 19th century. Prerequisite: HIS 1201 3 credits. Spring semester; day. Offered as needed; evening.

HIS 3403 Modern European History: 1600–1763

A study of the history of Europe from the end of the religious revolts to the end of the Seven Years' War, the Thirty Years' War, the commercial revolution, the rise of the nation-state, and the age of absolutism and enlightenment. Prerequisite: HIS 1201. 3 credits. Fall semester; day.

HIS 3404 Modern European History: 1763–1900

A study of the causes and effects of the French Revolution; the Era of Metternich; emphasis on the Franco-Prussian War; and the growth of nationalism, socialism, and democracy. Prerequisite: HIS 1201. 3 credits. Offered as needed.

HIS 3407 Survey of United States Foreign Relations

A survey of American diplomacy from 1775 to the present: Manifest Destiny, the Civil War, the United States as a world power and the United States after two world wars. Prerequisite: HIS 1201. 3 credits. Offered as needed.

HIS 3410 The American City

The historical evolution of the city, from the foundation of Jamestown to the present day; the major trends in urban development; the importance of the city in American history; and the problems confronting urban America today. Field trips are an important component of the course. Prerequisite: HIS 1201. 3 credits. Offered as needed.

HIS 3415/PSC 3410 Constitutional Law I: The Structure of American Government

This course investigates, through the study of Supreme Court opinions and the theories underlying those opinions, the meaning of the American Constitution. The course includes the role of



the Court in interpreting and enforcing the Constitution; separation of powers; the powers of Congress, the President, and the Courts; federal-state relations; and the expansion of national governing powers. Prerequisite: HIS 1201 or PSC 1202 or PSC 1204. 3 credits. Fall semester; day.

HIS 3416/PSC 3411 Constitutional Law II: Civil Liberties

This course investigates, through the study of Supreme Court opinions, the relationship between the individual and his or her government in the U.S. The course includes the following issues: freedom of expression, the rights of persons accused of crimes, equality before the law, protection of the right to vote, and the rights of citizenship. Prerequisites: HIS 1201 or PSC 1202 or PSC 1204. 3 credits. Spring semester; day.

HIS 3466 History of Britain

Beginning with the reign of Alfred the Great, this course traces the cultural evolution of Britain to the present day. Vast changes made by the Norman conquest; the wars of the Roses; the English Renaissance, Tudor, Stuart, and Hanoverian changes. The Victorian Era and the development and decline of the British Empire are significant units covered. Subjects include literature, learning, art, politics, expression, and language. Prerequisite: HIS 1201. 3 credits. Offered as needed.

HIS 4990 Internship in History

Students may intern at approved sites under professional supervision. Internships may include placements at the national, state, and local governments. In addition, internships are available with law firms, museums, and historical societies. Internships must be approved by the department Chairperson and are subject to availability. Prerequisite: HIS 1201. 1-6 credits. Offered as needed.

HIS 4995 Independent Study in History

This course is for students who have a special subject interest not available among the published catalogue offerings. It is usually limited to students with a 3.0 index or above. Students who believe they qualify must meet with the department Chairperson. After approval of the project, the student seeks a departmental professor and they draw up a contract specifying the nature of the work. A paper is usually required in this course. Prerequisite: HIS 1201. 1-3 credits. Offered as needed.

HIS 4998 Historical Seminar

Advanced instruction in the methods and skills of critical analysis, research, and writing. A research paper is a major requirement of the course. Under the direction of the course instructor, students select a topic suitable for investigation. Students then communicate their results in a clearly presented, properly documented essay. Prerequisites: Five HIS courses 3000 or higher and senior standing. 3 credits. Fall semester; day.

HIS 5400-5499 Honors Topics in History

This course explores specific, identified topics in the discipline of history. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. Open to Honors students only. 3 credits. Offered as needed; day.

HIS 5420 New York City in the American Urban Experience (Honors)

This course employs an interdisciplinary approach to the study of the American city. Utilizing New York City as a model for the evolving urban metropolis, it explores selected themes in the American urban experience from colonial times to the present. Images of the city as portrayed in literature and the popular media are also considered. Guest speakers and walking tours and visits to New York City museums, landmarks, and neighborhoods are important methodological components of the course. Open to students in the Honors program only. Prerequisite: HIS 1201. 3 credits. Offered as needed; day.

HIS 5710 Petrarch to Shakespeare (Honors)

Renaissance and Reformation (1300–1600). The course examines culture, religion, and other themes dominating the age. Open to students in the Honors program only. Prerequisite: HIS 1201. 3 credits. Offered as needed; day.

HIS 5789 From the Enlightenment to the Generation of Materialism (Honors)

A course emphasizing the development of global society under the leadership of Europe during the 18th and 19th centuries. Among the influential elements are the European domination upon intellectual, scientific, cultural, social, and political themes from 1750–1900. Open to students in the Honors program only. 3 credits. Offered as needed; day.

Honors [HON] Courses

For specific course information, contact the Honors department in room 6005 or call (718) 489-5217.

HON 5101 Honors Freshman Seminar I

Student conversation and ideas are engaged in interdisciplinary concerns that are the broad focus of honors seminars. A careful approach to research, rhetoric, writing, and dialogue is incorporated into the course materials selected from the humanities, social sciences, science, business, and technology. As in all Honors courses, no tests are given, therefore grades are based on written discourse, research, and conversation. Field trips are required. Prerequisite: application and acceptance into the Honors program. 3 credits. Fall semester, day.

HON 5102 Honors Freshman Seminar II

A continuation of HON 5101. Prerequisite: HON 5101 or Honors Director's approval. 3 credits. Spring semester; day.

HON 5400-5499 General Honors Topics

The study of a theme, movement, image, iconography, theory, or similar focus as it emerges in an interdisciplinary context. Special topics courses are cross-listed so students may enroll for credit in the discipline or for honors credit. The title is announced in the course offerings for a specific semester. Check with the instructor or Honors program Director for a course description. Open to Honors students only. 3 credits. Offered as needed; day.

HON 5995 Independent Study

A reading- and research-based activity anchored to a cooperating professor's course, an Honors colloquium, or by previous arrangement to another audience in which an Honors student pursues a topic or interest presented in a prospectus offering an interdisciplinary embrace of the subject. Suitable meeting arrangements and a calendar of dates for reporting on the project are necessary before submitting the prospectus for approval to the Director of the Honors program. Prerequisites: Two seminars beyond HON 5102. In all cases independent study must be requested during the registration period prior to the semester in which the course is to be taken. 1-3 credits. Offered as needed.

HON 5997 Honors Thesis

The Honors thesis is the capstone project for the Honors program diploma. Refer to the *Honors Program Handbook* for directions or arrange to meet with the Honors program Director. Prerequisite: Approval of the Honors program Director. 3 credits. Offered as needed.

Human Resources [HR] Courses

For specific course information, contact the Management department in room 5009 or call (718) 489-5347.

HR 201 Management Theory and Practice

Analyzes the functions of planning, organizing, directing, controlling, and communicating as exercised by managers of all enterprises. Students develop an understanding of the levels of management and their implications for the management function. Consideration is given to the conceptual, technical, and human relations skills needed for effective management. Prerequisite: BUS 101. 3 credits. Every semester; day and evening.

HR 304 Human Resources Management

The study of current human resources administration in various types of organizations incorporating all aspects of human resources management, including recruitment, testing, placement, motivation, training, sensitivity training, cultural differences, governmental assistance and regulations, wage administration, employee benefits, and industrial judicial practices (grievances and arbitration). Prerequisite: HR 201. 3 credits. Offered as needed.

HR 310 Organizational Behavior

This course focuses on the fundamental concepts of psychology, sociology, cultural anthropology, and awareness of human behavior in organizational environments. Individual and group reactions, motivation, perception, leadership roles, personality dynamics, and stem culture differentiation are studied through an active learning process. Prerequisite: HR 201. 3 credits. Offered as needed.

HR 409 Industrial Relations and Collective Bargaining

The various factors, including legislation, involved in the negotiation of a contract between employers and employees. The aspects of the administration and interpretation of the contract are analyzed through actual contracts and cases involving portions of the contract, appropriate legislation and administrative rulings. Prerequisite: HR 201. 3 credits. Offered as needed.

HR 410 Compensation

This course examines the development and administration of wage and salary programs in all sectors. Topics include the flow of events that determine what financial rewards are provided. Other areas of study include the role of compensation in recruitment, retention, and promotion. Prerequisite: HR 201. 3 credits. Offered as needed.

Health Science [HS] Courses

For specific course information, contact the Allied Health department in room 5318 or call (718) 489-5321.

HS 100A Health Issues

Provides an overview of select current issues in the area of health. Data necessary for making informed decisions is presented. Personal and societal attitudes, beliefs, and values implicit in the decision-making process are discussed as they relate to health behavior and, consequently, health outcomes. 2 credits. Every semester; day and evening.

HS 102 Community Health

An introductory course in community health issues, including basic concepts of community health; overview of government, foundations, private agencies, and voluntary health organizations; health care reform issues; the nine different areas of community health programming, such as chronic and communicable disease control measures, health promotion, and health education. 3 credits. Fall semester; day or evening.

HS 150 Introduction to Health Promotion

Concepts and principles underlying the use of educational strategies to prevent disease and promote health in a variety of settings, including community organizations, schools and colleges, clinics, hospitals, and corporations. 3 credits. Fall semester; day.

HS 151 Foundations of Health Promotion

Literature review of relevant learning theories and their application to health promotion in various settings with various target populations. Prerequisite: HS 150. 3 credits. Spring semester; day.

HS 206 Safety and First Aid

A survey of home, school, and community programs in safety and first aid. Methods of safety research, Haddon's matrix, rating calculation, identification of accident types, methods to control causation and responsibilities of individuals, and the community for safe living. Procedures for temporary care of victims of accidents and sudden illness. Successful completion of this course

leads to American Red Cross Certification in Standard First Aid and Personal Safety (includes Adult CPR). 3 credits. Every semester; evening.

HS 207 Nutrition

An introductory course in human nutrition that includes its importance to optimum physical and emotional health. The nutrients—carbohydrates, proteins, lipids, water, vitamins, and minerals—are studied as to their composition, usage in the human body, where found in foods, how digested and utilized in the human body. Body requirements, patterns of diet for various groups, and specific conditions as well as social and cultural influences on food selection are studied. 3 credits. Every semester; day or evening.

HS 250 Designing Health Promotion Programs

Students are guided through planning and designing a health promotion program in a content area, setting, and population of their own choice. Prerequisite: HS 151 and at least two health promotion electives. 3 credits. Fall semester; day.

HS 251 Implementation and Evaluation of Health Promotion Programs

Students are guided through program acceptance, marketing implementation, and evaluation of the project started in HS 250. Prerequisite: HS 250. 3 credits. Spring semester; day.

HS 301/PSY 301 Health Counseling

Not intended for Psychology majors. This interdisciplinary course focuses on both issues and techniques of health counseling. It investigates ways in which a health professional can detect needs of clients and work cooperatively to foster better health. It explores the helping relationship's impact on health behavior. 3 credits. Offered as needed; day or evening.

HS 305/PSY 225 Coping with Stress

This interdisciplinary course explores theories, research, and techniques related to the impact and management of stress. Emphasis upon the application of stress reduction techniques through class exercises in progressive muscle relaxation, autogenic and imagery training, systematic desensitization, assertiveness training, time management, and problem solving. 3 credits. Every semester; day or evening.

HS 306 Healing and Wholeness

Exploring healing and wholeness from many perspectives, this course is an overview of healing from the traditions of the shaman to contemporary faith healers, from ancient roots through modern medicine—Chinese medicine, Ayurvedic medicine, and homeopathy as well as alternative medicines and holistic therapies and ways to self-healing through dream journals and meditation. 3 credits. Spring 2007 and as needed; day or evening.

HS 403 Women's Health Issues

Accurate information about their own health needs eenables women to become more active participants in their own health care. Issues include physicians' attitudes toward women, knowing one's own body, contraception, pregnancy, rape, family violence, hysterectomy and mastectomy, mental health issues, and patients' rights in the health system. 3 credits. Fall 2006 and as needed; day or evening.

HS 406 Epidemiology

An introductory study of the factors influencing the nature and causes of communicable diseases and chronic conditions in human populations. The study of principles, practices, theories, and methods related to the control and prevention of disease prepares the student for practical application of statistics. Topics include the natural history of diseases in various population groups, environmental and biological factors influencing the emergence of disease, and the investigation of a community health problem. 3 credits. Fall semester; evening.

HS 419 Death, Loss, and Grief

Investigates the processes of death, loss, and grief while focusing upon the manner in which patterns of dealing with death are interwoven with patterns of living. The family, religion, medicine, economy, law, and community are considered. Specific issues addressed include the moral and legal aspects of euthanasia and the right to die; the hospital, hospice, and home as alternative sites for dying; definitions of life and death; religious and cultural burial customs; and the bereavement process. The implications of these issues are explored for health care practitioners and other individuals in the helping professions. 3 credits. Spring 2006 and as needed; evening.

HS 420 Healing in Cultural Context (Honors)

This course is an interdisciplinary exploration of the interface of medical sciences and spiritual healing arts. It begins with very early attempts of human beings to explain illness and death and to intervene, then traces that process to the present. The course investigates medical, surgical, spiritual, and psychological interventions within their cultural contexts. Topics include Chinese medicine, Native American healing, and the phenomenon of miracle cures. Open to Honors students only. 3 credits. Offered as needed.

HS 503 Internship in Allied Health

Observation and supervised experience in a community setting giving practical application to previously studied concepts and theories related to health promotion or health administration. Minimum of 135 hours in the field placement plus required on-campus meetings as scheduled by the instructor. May be taken for two semesters with the permission of the Chairperson only. Prerequisites: 15 HS credits. 3 credits per semester. Every semester.

HS 600, 601 Independent Study in Health Science

Independent investigation into a selected health science topic under the direction of a department faculty member. Usually culminates in a major paper. Requires a written proposal accepted by the Chairperson prior to registration. Prerequisites: Approval of the Chairperson and 15 HS credits with a *B* average. 3 credits per semester. Every semester; day and evening.

HS 701 Seminar in Health Promotion

Integrating theory and practical experiences in health promotion, this seminar allows in-depth exploration of issues of importance to the field. Completion of a thesis paper and oral presentation encompass the major work in this course. Prerequisite: HS 251, senior standing, and department approval. 3 credits. Fall 2005.

International Cultural Studies [ICS] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 6004 or call (718) 489-5325.

ICS 240 Peoples and Cultures of the Contemporary World I

Examines the interaction between societies' political-economic structures and their cultural value systems and the process of social change at both the political-economic and cultural levels. Examines, within a global framework, selected predominantly non-Western societies, with particular attention to Asia and Africa. 3 credits. Fall semester; day.

ICS 241 Peoples and Cultures of the Contemporary World II

Examines the history and culture of the peoples of Western Europe, with special reference to Britain, Germany, Spain, Italy, and Portugal. Students are introduced to some of the contemporary issues facing these societies in the economic, social, and cultural spheres. Also, a study of the structure of cultures of Latin American communities in relation to contemporary political and social developments. 3 credits. Spring semester; day.

ICS 305/ECO 3305 European Economies

A study of the European Union, the economies in transition of Central and Eastern Europe, and the Balkans. Particular emphasis is placed on the question of nationalism and the issues confronting multinational states in Europe today. Prerequisite: ECO 1201. 3 credits. Spring semester; day.

ICS 306 German Culture and Fine Arts (Honors)

A study of German cultural history with a focus on architecture, painting, literature, and music. Classroom lectures are supplemented by slides, films, recordings, concerts, and museum visits. 3 credits. Offered as needed; day.

ICS 307/SOC 3050 Caribbean Culture and Society

The societies of the English-, French-, and Dutch-speaking Caribbean are the outcome of mass movements of population through slavery, indenture, and migration. This course examines important aspects of the complex cultural variants that have resulted against the background of the economic, social, and political forces that produced them. Another focus is on issues that form contemporary Caribbean society, such as the impact of tourism, poverty, emigration, links with America and Europe, problems of ethnic and racial identity, and pressures on women and the family. Prerequisite: SOC 1000. 3 credits. Offered as needed.

ICS 311 Contemporary Latin American Authors

A study of major literary figures of Latin America. Selections from works of writers such as Borges, Rulfo, Cortazar, Vargas Llosa, and Garcia Marquez is read in relation to the historical and cultural contexts in which they were produced. Prerequisite: ICS 240 and ICS 241. 3 credits. Fall semester 2005; day.

ICS 312 Hispanic Caribbean Cultures and Literature

A study of the characteristics of the cultures and literature of the three largest Hispanic ethnic groups of Metropolitan New York: Puerto Ricans, Cubans, and Dominicans and their literary humanistic contributions to the present United States; comparisons with Mexican-American literature. Prerequisite: ICS 240 and ICS 241. 3 credits. Spring semester 2007; day.

ICS 313 Origins and Development of Liberation in Latin America

This course examines concepts of freedom and liberation in various movements of rebellion among the Creoles and Indians as well as the dynamics of revolution in Mexico, Cuba, and Nicaragua. Discussion of the impact of liberation theology and of the role of United States power in America and the world. Prerequisite: ICS 240 and ICS 241. 3 credits. Spring semester 2007; day.

ICS 314 Puerto Rican Culture and Civilization

Readings and discussion of contemporary issues on Puerto Rico, covering a broad range of topics in Puerto Rican culture and civilization from colonial times to the present. Prerequisite: ICS 240 and ICS 241. 3 credits. Spring semester 2006; day.

ICS 315/SPA 402 Spanish Civilization and Culture

A study of the characteristics of Spanish culture based upon anthropological and sociological studies, humanistic and scientific contributions to civilization, reading and reports. Prerequisite: ICS 240 and ICS 241. 3 credits. Fall semester 2006; day.

ICS 320 World Globalization: Challenges and Opportunities (Honors)

An introduction to the concept of globalization as well as an in-depth analysis of the issues raised and the challenges posed by this process. Each student works on a project and report, drawing from the different majors and disciplines represented by the students in the seminar. An interdisciplinary approach is followed throughout the semester. 3 credits. Offered as needed; day.

ICS 330 United Nations: A Political and Cultural Perspective (Honors)

An introduction to and in-depth analysis of the United Nations—its structure and its day-to-day functioning. Cultural dimensions of the UN's work is examined as well as political dimensions. This interdisciplinary seminar gives each student the opportunity to study and to report upon a different aspect of the United Nations. Topics may be chosen in accordance with the individual student's interest or major program. 3 credits. Offered as needed; day.

ICS 340 Terrorism and the Law (Honors)

An interdisciplinary approach is taken to the development of a global perspective on issues and challenges facing Third World nations. Course methodologies include assigned readings, lectures, conferences, field trips, student presentations, and a term paper. Open to majors from all departments. 3 credits. Offered as needed; day.

ICS 370 Cultural Anthropology

This course analyzes the role of human rights and their violation in contemporary societies in Europe, Africa, Asia, and the Americas. 3 credits. Offered as needed.

ICS 380/PSY 380 Cross-Cultural Psychology and Communications

An introduction to the theories, methods, and findings of cross-cultural psychology, with special attention given to communication and encounters between members of different cultures. Socialization, moral, and personality development, gender roles, abnormal behavior, belief systems, culture contact, culture change, and problems of identity in and across societies are considered. Prerequisites: ICS 241 or PSY 203 or higher. 3 credits. Spring semester 2007; day.

ICS 450 Study Abroad

Structured opportunity for travel and study abroad. Choice of country and details of program to be approved by and arranged through department Chairperson. Prerequisite: ICS 240 and ICS 241. 3 credits. Every semester; day.

ICS 500 Internship in International Cultural Studies

Students with significant achievement in the major may be granted by the ICS department Chairperson permission to serve as an intern in ICS. Assignments to internships depend on the availability of suitable internships. The student keeps a log of daily work activity and reports regularly to the Chairperson throughout the internship. Supervision by a member of the department. Prerequisite: ICS 240 and ICS 241 and Chairperson's approval. 1-3 credits. Every semester; day.

ICS 501 Senior Thesis

The preparation and presentation of a senior thesis in International Cultural Studies under the direction of a mentor chosen from the ICS faculty and approved by the Chairperson. Regular meetings with the mentor are required throughout the semester in accordance with the schedule distributed by the department Chairperson. Prerequisite: ICS 240 and ICS 241. 3 credits. Every semester; day.

Information Technology [IT] Courses

For specific course information, contact the Information Technology department in room 4318 or call (718) 489-5324.

IT 101 Computer Tools

Introduction to the basic concepts and vocabulary of computers, computer applications, and information systems. Students learn to utilize computer applications for word processing, spreadsheets, presentations, databases, and electronic mail. Students also familiarize themselves with the World Wide Web and learn to utilize it as a research resource as well as create their own web pages. Lab fee. 3 credits. Every semester; day and evening.

IT 103 Computer-Based Information Systems

Information technology has radically changed the internal operations of organizations and market places in which they compete. The tool kit of skills of the business professional must include the understanding of the fundamentals of information technology and its impacts on the other areas of business—strategic management, finance, accounting, marketing, and operations. This course is intended to provide this basic set of skills. Although it is necessary to have a technology basis, the focus is on how technology can be applied in business, how it can be used to create products, how it can serve as an agent of change in reorganizing business processes, and how it can radically improve business decision making. Pre- or co-requisite: IT 101. Lab fee. 3 credits. Every semester; day and evening.

IT 104 Programming I

This course stresses three major themes: a rigorous introduction to the process of algorithm problem solving, the organization of computers upon which the resulting programs run, and an overview of the logical and ethical context in which the field of computing exists. Topics include basic ideas on arithmetic problem solving and programming, principles of top-down design, stepwise refinement, and procedural abstraction. Introduction to programming in a structural programming language, basic control structures, data types, and input-output conventions. Prerequisite: IT 101. Lab fee. 3 credits. Every semester; day and evening.

IT 105 Programming II

An introduction to object-oriented programming using C++ and/or Java. Topics include advanced features in structured programming using UNITS and an introduction to object-oriented programming (OOP) techniques. Prerequisite: IT 104. Lab fee. 3 credits. Every semester; day.

IT 201 Telecommunications and Networking

An introduction to data communications hardware and software and their applications in computer networks. Topics include: communication system components, communication sharing, packet switching, network control, common carrier issues and local area vs. global area networks. Prerequisite: IT 103. Lab fee. 3 credits. Fall semester; day.

IT 203 Web Design

The World Wide Web has increased from a limited number of networked computers to more than 20 million computers worldwide. With the increase of network computing comes the increase in demand for Web page design. This course deals with the design principles of building and maintaining Web pages. Topics include site design, HTML, JavaScript, principles of

XML, Dreamweaver, and Flash. Prerequisites: IT 101. Lab fee. 3 credits. Every semester; day and evening.

IT 205 Multimedia Design and Technologies

This course develops core concepts and practical skills in multimedia design and production. Practical experience is offered in project planning and development including design, production, prototyping, testing, and publishing. The course provides effective techniques for preparing graphics, animation, text, digital audio, and video for multimedia applications including CD-ROM titles, websites, marketing presentations, and interactive kiosks. Among the key software tools explored are Director, PhotoShop, Illustrator, Premiere, After Effects, Dreamweaver, and Flash. Web design and development issues include Dynamic HTML, Shockwave, streaming audio and video and QuickTime VR. Also examined are systems configuration and hardware requirements of the multi-platform digital production studio. Prerequisite: IT 101. Lab fee. 3 credits. Spring semester; day.

IT 210 Database Management Systems

Design, structure, and applications of database systems. Deals with problems associated with management of information. The course considers concepts such as logical and physical database organization, data security, and database life cycle. Stresses application development through fourth-generation programming techniques. The course emphasizes basic knowledge in data structures, normalization of data, modeling, and database methods. Prerequisite: IT 103. Lab fee. 3 credits. Fall semester; day and evening.

IT 220 Robotics

The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on mobile robots and illustrations of current state-of-the-art research and applications. Course information is tied to lab experiments; students work in teams to build and test increasingly more complex LEGO Mindstorms-based mobile robots. Prerequisite: IT 101. Lab fee. 3 credits. Offered as needed.

IT 230 Computers in Education

A course that focuses on the use of computers in an educational environment. Encourages the implementation of computers and computer assisted learning in a classroom. Provides the tools to evaluate educational software. The course covers the latest techniques in instructional technology as well as the role of online methodologies. Prerequisite: IT 101. Lab fee. 3 credits. Offered as needed.

IT 250 Medical Informatics

Medical informatics studies the organization of medical information, the effective management of information using computer technology, and the impact of such technology on medical research, education, and patient care. The field explores techniques for assessing current information practices, determining the information needs of health care providers and patients, developing interventions using computer technology, and evaluating the impact of those interventions. This research seeks to optimize the use of information in order to improve the quality of health care, reduce costs, provide better education for providers and patients, and to conduct medical research more effectively. Prerequisite: IT 101. Lab fee. 3 credits. Spring semester; evening.

IT 270 Computer Forensics

Computer forensics—the science of obtaining and analyzing evidence from computers—is the name for an emerging field of study and practice that incorporates many areas of expertise. Some of these are called network security, intrusion detection, incident response, infrastructure protection, disaster recovery, continuity planning, software engineering, cyber security, and computer crime investigation. Prerequisite: IT 101. Lab fee. 3 credits. Fall semester.

IT 301 Project Management

This course is an introduction to project management. Topics include: overview and concepts of project management and strategies; planning successful projects (defining, specifying, delivery of scheduling, budgeting); implementing (organizing the team, work assignments, team building, effective leadership); executing (performance measurement, maintaining the schedule, adjustments, corrections, record keeping, status reporting, communications); managing conflict; time management; performance measurement; contract documentation; data transfer; lessons learned. Prerequisites: IT 101. Lab fee. 3 credits. Fall semester; day and evening.

IT 303 E-Commerce Integration

This course integrates the primary business functions of marketing and finance with the advances made through computers and information technology. Topics include Internet marketing, business-to-business commerce, business-to-consumer commerce, distribution, and tracking channels. Students prepare an e-commerce business plan that includes pro-forma financial statements. Prerequisites: IT 203 or MKT 340. 3 credits. Offered every semester; day and evening.

IT 305 Information Technology Law and Ethics

The overnight entry of companies such as Amazon and Napster into mature and established industries has served as a wake-up call to business leaders everywhere to protect their innovations. Included in these new commercial developments are challenges to the fundamentals of intellectual property law, including patent, trademark, copyright, and trade secret laws. This course provides an understanding of the fundamentals of intellectual property law and how it is being used and adapted by businesses to protect their intellectual capital in cyberspace. Also included are discussions about patenting new methods of doing business; the interplay between domain names and trademarks; cyberspace copyright issues including text and graphical infringement, software, and website registration; and the impact of technological developments on trade secret agreements. Prerequisite: IT 103. 3 credits. Fall semester; day.

IT 309 Business Applications

The use of computers and business and financial software packages. The course includes familiarization with budgeting, accounting, and inventory management software. Additional topics deal with advanced techniques in Excel and basics of Visual Basic. Prerequisite: IT 210. Lab fee. 3 credits. Spring semester; evening.

IT 310 Systems Analysis and Design

Traditional analysis, design, and implementation of information systems through data flow analysis and the systems development

life-cycle approach. The fundamentals of systems analysis and how it is applied to the development of information systems in the business environment. Major topics include methods of systems investigation, feasibility study, input-output design, system documentation, communication, implementation of new systems, control, and security. Also treated are data structures, data definition, normalization of data, and the use of Computer Aided Software Engineering (CASE) tools. Prerequisite: IT 210. Lab fee. 3 credits. Spring semester; day.

IT 311 Decision Support Systems

Introduction to the use of information and mathematical modeling to support managerial analysis and decision making. Develops the skills required to solve problems using computer-based modeling in selected disciplines such as marketing or finance. Topics may include the examination of components of a decision support system, simulation model development, group decision-making technology, and intelligent support systems. Prerequisite: IT 210. Lab fee. 3 credits. Offered as needed.

IT 313 Computer Support Systems

The essential skills for the support and management of end-user computing, including applications development, end-user troubleshooting, and formulating of end-user management strategies. Strategy implementation using policies, procedures, standards, and guidelines are provided. Prerequisite: IT 103. Lab fee. 3 credits. Offered as needed.

IT 320 IT Organizational Management

An advanced course that provides a thorough and comprehensive analysis of systems theory concepts, information systems (IS) terminology, and concepts in the context of the management of the business organization. Emphasis is placed on IS topics relevant to students seeking to become managers or IS professionals. Existing modeling, planning, design, implementation, evaluation, integration, management, and control approaches for various types of IS systems are presented. Theory and practical application considerations are highlighted in each topic. Emerging topics and technologies are also explored. Prerequisite: IT 103. Lab fee. 3 credits. Spring semester; day.

IT 340 Computer Architecture and Organization

A top-down approach to computer design. The fundamentals of computer architecture including an introduction assembly line language of programming and machine language set design. Major topics include computer organization; logical modules, CPU, memory, and I/O units; instruction cycles and the control unit; hardwiring and microprogramming; data path implementation of the CPU. Also treated are memory structure and timing, I/O interface, interrupts, programmed I/O, and DMA. Prerequisite: IT 105. Lab fee. 3 credits. Fall semester; day.

IT 350 Computer and Network Security

Students examine the management of information security and data processing facilities including thefts of data, unauthorized uses of information technology, computer viruses, and methods of protecting information with an emphasis on networked computers. The course covers information technology laws, issues of privacy, and security planning. Prerequisite: IT 201. Lab fee. 3 credits. Fall semester.

IT 360 Linux

This course is intended to give students an opportunity to learn the basics of the Linux operating system. Topics include the history of Linux and the Open Source movement, intellectual property issues, obtaining and installing Linux and Open Office, file system structure, text editing, basic commands, basic scripting, job scheduling, and installing applications. Prerequisites: IT 103. 3 credits. Offered as needed.

IT 380 Operating Systems

Overview of user interface. Topics include process structure, creation and context switching, system calls, process cooperation, memory management, virtual memory, I/O management, interrupt handling, file structure, directories, fault-tolerance. Students design projects involving construction of portions of the operating system. Prerequisite: IT 105. 3 credits. Spring semester; day.

IT 404 Data Structures

Data representation and manipulation concepts, processing of linearly-linked lists and multi-linked data structures, operations with tree structures, sorting and searching techniques, data management systems, and programs using different structure and algorithms are studied. Prerequisite: IT 105. Lab fee. 3 credits. Spring semester; day.

IT 410 Independent Study in Information Technology

Students majoring in the department who have maintained an overall index of 2.7 and a major or minor in the IT department with an index of 3.0 (and who, in the opinion of the department, have the ability and the need to study topics not included in the IT departmental listings) may enroll in an independent study. The independent study must be pre-approved by the department Chairperson at registration. Projects must be scheduled for completion within the semester. Approval of Chairperson required. Lab fee. 1-3 credits. Offered as needed.

IT 425 Knowledge Systems and Data Mining

Intelligence as a basic component of information systems is rapidly becoming a necessity. Rapid advancements in the nature of commerce, in particular the emergence of the Internet as an exchange and delivery channel, have led to an explosion in the quality and quantity of data. This course covers the process of converting raw data into the knowledge that is required to support decision-making by automating the process of knowledge discovery. The course also explores how data mining increases productivity. Prerequisite: IT 210. Lab fee. 3 credits. Spring semester; evening.

IT 440 Internship

Students majoring in the department who have maintained an overall index of 2.7 and a major or minor in the IT department with an index of 3.0 (and who, in the opinion of the department, have the ability and the need to study topics not included above) may enroll for an internship. The internship must be pre-approved by the department Chairperson at registration. Projects must be scheduled for completion within the semester. Approval of Chairperson required. Lab fee. 1-3 credits. Every semester.

IT 480 Special Topics in Information Technology

Information technology is a rapidly changing discipline. The focus of this course is to address the need to cover different topics that are on the cutting edge of IT. Topics vary from semester to semester. Lab fee. 3 credits. Day and evening.

IT 500 Capstone Project

This course provides students with an opportunity to apply their theoretical knowledge to a practical problem in the area of information systems. This project is a general investigation and report within the subject area of information systems. The student group can develop a mock business demonstrating how information technology may be integrated into the operating system of that company. Students work under the supervision of the course director. Prerequisite: Senior standing and IT major. Lab fee. 3 credits. Every semester; day.

Italian [ITA] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 6004 or call (718) 489-5325.

ITA 101 Beginning Year Italian I

An introduction to the Italian language with emphasis on speaking and understanding. Writing skills are developed and readings in Italian are included. Introduction to basic elements of Italian culture. This course is designed for students with no previous knowledge of Italian or with a maximum of two years of high school Italian. No credit is granted to any student fluent in the language or who has had more than two years of high school Italian. 3 credits. Every fall; day.

ITA 102 Beginning Year Italian II

Continuation of ITA 101. Prerequisite: ITA 101. 3 credits. Every spring; day.

ITA 103 Second Year Italian I

The development of elementary audio-lingual skills and their further development; emphasis on developing reading skills. Prerequisite: ITA 102 or three years of Italian in high school, or passing a placement test (see Chairperson). 3 credits. Every fall; day.

ITA 104 Second Year Italian II

Continuation of ITA 103. Prerequisite: ITA 103. 3 credits. Every spring; day.

ITA 201 Reading in Italian Literature and Culture

Reading and discussion of major authors of Italian literature and on topics related to Italian culture. Prerequisite: ITA 104 or 3 years high school Italian. 3 credits. Offered as needed.

Latin [LAT] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 6004 or call (718) 489-5325.

LAT 101 Elementary Latin I

An introduction to Latin for those with no previous studies of the language. Emphasis on the building of vocabulary as well as on declensions of nouns and conjugations of verbs. Practice in translation. Elementary reading exercises. 3 credits. Every fall; day.

LAT 102 Elementary Latin II

Continuation of LAT 101. Prerequisite: LAT 101. 3 credits. Every spring; day.

International Literature [LIT] Courses

Effective fall 2005, the English department modified its curriculum. English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], International Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the yellow section of this book. For specific course information, contact the English department in room 6005 or call (718) 489-5217.

Gateway Courses

LIT 2110 Early Diaries and Indigenous Peoples

Early diaries are read as performing the cultural work of constructing indigenous peoples for domestic audiences, as windows into the ideologies of dominant cultures, and as part of a dialectic with indigenous peoples. Diaries of explorers, missionaries, travelers. Readings may include the writings of Native Americans, Hawaiians, Maori, Aborigines, and diaries of Capt. Cook, Columbus, and Lewis and Clark. Prerequisite: WRI 1100. 3 credits. Fall 2006.

LIT 2120 The Move from Ellis Island

This course explores the immigrant experience of Jews, Irish, Italians, and other groups in 19th- and 20th-centuries. American readings in literature, history, and other nonfiction is read in the context of ongoing discussions about the construction of the notion of "America"; what it means to "become American,"

including the influences of class and gender; and constructions of identity. Prerequisite: WRI 1100. 3 credits. Fall 2007.

LIT 2130 Traveling Identities: Immigrants, Exiles, and Citizens of the World

This course focuses the literature of those whose work has brought into focus the complicated experience of living in a global society. We look at the questions and ideas they raise about cultural and ethnic identity, migration, and cultural interactions as well as the meaning of "home," "nation," and "borders." Prerequisite: WRI 1100. 3 credits. Fall 2005, fall 2008.

Courses for Modernism Concentration

LIT 3110 The Emerging Female Voice

Some of the most highly praised and canonized women authors emerged during the modernist period. This course investigates their literature and think about why this is such a fruitful literary period for them. While the authors studied in this course write from different traditions and disparate positions, they are also responding to common events and ideologies. Authors could include Gertrude Stein, Amy Lowell, Carson McCullers, Nella Larson, Zora Neale Hurston, Virginia Wolfe, Stevie Smith, Jean Rhys, and Djuna Barnes among others. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2005.

LIT 3111 Modernity and Truth

Modernism, or the experimental literature of the early 20th century, bookended by two world wars represents a real, agonized meditation on the human condition. This course surveys the modern search for truth, focusing on major works of literature and on the issues that still inform our modernity; the relationship between aesthetics and politics, the crisis of language and the fragmentation (or multiplicity) of identity. Readings may include T.S. Eliot, Ezra Pound, Virginia Wolfe, Mary Shelley, and others. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2006.

LIT 3112 Modernism and the American Landscape

This course charts the evolution and development of European Modernism from Parisian salons to the backyards and front porches of American towns. Writers such as Stein, Hemingway, Fitzgerald, Eliot, Pound, Faulkner, Stevens, and William Carlos Williams may be considered. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2006.

LIT 3113 Updike, Auster, and Post-Modern Voices

Postmodernism is the term used to describe art and literature since mid-20th century, a period showing the effects of totalitarian states, the threat of nuclear and thermal annihilation, environmental catastrophe, globalization of industry and culture, and the digitalization of communication. This course offers an introduction to ideas surrounding postmodernism by looking at some of the work of John Updike, Paul Auster, and other writers or artists routinely identified as postmodernist. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2007.

Courses for Theory Concentration

LIT 3120 Feminine/Masculine: Gender in Literature and Literary Theory

How are male and female identities constructed in our literature and our popular culture? Is gender simply a "performance" or something more innate? Some of the most exciting literary and cultural theory in recent years puts this question center stage, connecting gender to questions of power, the body, and race. We look at this critical work and apply this theoretical approach to a wide variety of texts from novels, stories, and plays to film, television, and advertising. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2007.

LIT 3121 From Detective Fiction to Romance Novels: Studies in Genre

Politics, culture, and history in the theme of detection from early tales by, for example, Edgar Allan Poe (*Murders in the Rue Morgue*) and Sir Arthur Conan Coyle (*Sherlock Holmes*), through such writers as Wilkie Collins (*The Moonstone*), Mary Elizabeth Braddon (*Lady Audley's Secret*), Bram Stoker (*Dracula*), Robert L. Stevenson (*Strange Case of Dr. Jekyll and Mr. Hyde*), Charles Dickens (*The Mystery of Edwin Drood*), to Henry James (*The Princess Casamassima*) and Joseph Conrad (*The Secret Agent*) and other recent manifestations in Agatha Christie and P.D. James. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2008.

LIT 3122 Literary Theory and Theorists

The aim of this course is to provide a theoretical framework for literary study. Students examine critical and theoretical approaches to cultural and literary analysis to understand the implications of the various ways of defining the project of literary study. Students trace the historical development and relations among various theories such as formalism, structuralism, deconstruction, and postcolonialism and also a range of contemporary fiction upon which theory has had a formative imprint. Theorists studied may include Barthes, Foucault, Derrida, Freud, and Said. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Fall 2008.

LIT 3123 Cultural Studies

Forms of culture surround us at every moment. Rap lyrics, ads, TV news, productions of Shakespeare all carry implied messages about who we are, what world we live in, and what we should value. We examine the different modes of understanding and interpreting contemporary cultural phenomena. We analyze and write about cultural forms as texts to be read for what they tell us about men and women, wealth and power, race, nation, and technology. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Spring 2009.

Honors Courses

LIT 5400-5499 Honors Topics in Literature

This course explores specific, identified topics in the discipline of literature. The subject matter will be selected by the instructor prior to registration, with the approval of the department Chairperson. Open to Honors students only. 3 credits. Offered as needed; day.

LIT 5401 Literature and the Franciscan Tradition

This Honors seminar has the student think about Franciscan responses to the world: responses similar to or reinforced by the examined literature, particularly biographical vs. hagiographical elements in Francis of Assisi's life; the writings of Francis of Assisi and Clare of Assisi; troubadour notions of *fin amour* in Old Occitan and Old Provençal troubadour songs and tales; in the Matter of France and the Matter of Britain, with particular attention to Chrétien de Troyes and the Duke of Champagne's Court. Prerequisite: Open to students in Honors program only. 3 credits. Offered as planned by Honors Council.

LIT 5402 American Nobel Laureates

In this seminar, we read, listen to, and view works of prose, poetry, and drama from American Nobel Laureates. Students explore the reasons why the Nobel Committee selected a particular author for this prestigious award. Students are also expected to develop familiarity with American culture and aesthetics through oral reports. Through course discussion, presentations, and writing, we collectively attempt to articulate why certain American authors have been singled out for international literary and aesthetic fame and we place these authors within a globalized aesthetic framework. Prerequisite: Open to students in Honors program only. 3 credits. Offered as planned by Honors Council.

LIT 5403 Orpheus Ascending

Orpheus leads Eurydice up from the darkness with a renewal of his devotion for his dead, but soon to be alive again, love. Orpheus is a poet and lover. The seminar investigates his attempt to bring his poetry (art) and love, Eurydice, into the light. We investigate texts and non-texts as they reveal and hide themselves, the author, and the audience. We search fiction, poetry, film, and fine arts. Conversation, discussion, written and oral response to the various (non-)texts is essential for the course. Prerequisite: Open to students in Honors program only. 3 credits. Offered as planned by Honors Council.

LIT 5404 Character and Consciousness

Is our character fixed at birth? Is our character determined? How much of who we are comes from the circumstances in which we find ourselves? A reading of works by major British authors in a period of historical, cultural, and intellectual transition: 1870–1930. Literary analysis of work by Thomas Hardy (*Tess of the D'Urbervilles, Jude the Obscure*), E.M. Forster (*Where Angels Fear to Tread, A Room With a View, Howards End, A Passage to India*), and D.H. Lawrence (*The Rainbow, Women in Love, Etruscan Places*). It is recommended that the student familiarize him/herself with George Eliot's *Middlemarch* (a novel of 840 pages that, were we to read it, would dominate most of our time); a film version (or at least parts of such) of Eliot's novel is shown. The aim of the course is to examine (helped generally by methods from phenomenology, ecology, and ethics) the philosophical ideas of character and consciousness, as evidenced in the books, and to attempt reconciliation between the notions of fixed character and character via circumstance. Prerequisite: Open to students in Honors program only. 3 credits. Offered as planned by Honors Council.

LIT 5405 Cultural Perspectives of Gender and Health

This interdisciplinary course brings together psychology and literature in order to examine how our view of the body, health and illness are connected to changing psychosocial and political ideals. Gender, as a specific factor of these ideals, is the underlying focus of the course readings and discussions. Prerequisite: Open to students in Honors program only. 3 credits. Offered as planned by Honors Council.

LIT 5406/FA 417 The Blues, Jazz, and the Harlem Renaissance (Honors)

An exploration of blues, jazz, and the literature of the Harlem Renaissance. In the process of developing a stronger, more critical appreciation of these art forms, students study such legendary figures as Alain Lock, WEB duBois, Langston Hughes, Zora Neal Hurston, Louis Armstrong, Bessie Smith, and Duke Ellington. Lectures are supplemented with film, slides, and recorded examples. We will attend live jazz performances. 3 credits. Offered Spring 2006 and as needed.

Mathematics [MAT] Courses

Students wishing to major in Biology or Mathematics must take a placement test to determine if MAT 107 is required prior to MAT 202. Liberal arts students and others wishing to take MAT 103, MAT 104, or MAT 301 must take a placement test (elementary algebra) to determine the student's eligibility to take any of these courses, or whether MAT 050 is first required. All students required to complete MAT 050 as prerequisite to other courses must do so before the completion of 60 credits. For accounting, business, economics, management, or science students, and others wishing to take MAT 107 or MAT 109, a placement test (intermediate algebra) will be administered to determine if MAT 105 or MAT 070 is first required. For specific course information, contact the Mathematics department in room 3204 or call (718) 489-5396.

MAT 050 Elementary Algebra

A remedial course designed to develop and/or strengthen basic topics in algebra that a student should master before taking a first course in mathematics. Prerequisite: Placement by examination. 3 lecture hours per week. No credits. Every semester; day and evening.

MAT 070 Intermediate Algebra

A review of topics in elementary algebra and an extended treatment of some topics such as equations and inequalities in one and two variables as well as linear systems. Other topics include relations, functions, exponents, logarithms, exponentials, quadratic equations, and applications. Prerequisite: Placement by examination or MAT 050. 3 lecture hours per week. No credits. Every semester; day and evening.

MAT 103 Foundations of Mathematics

A liberal arts mathematics course for non-mathematics and non-science majors. Explores several ideas of mathematics to give the student an appreciation of the significance of mathematics. The course covers mathematical patterns and problem solving, numeration and mathematical systems, other number bases, the binary number system, modular arithmetic, the Fibonacci sequence and the Golden ration, and real numbers and their representation. Prerequisite: Placement by examination or MAT 050. 3 credits. Every semester; day and evening.

MAT 104 Discrete Mathematics

Basic concepts of set theory, symbolic logic, counting methods, permutations and combinations, discrete probability and elementary statistics, graphs, graph theory, Euler circuits, and trees. Prerequisite: Placement by examination or MAT 050. 3 credits. Every semester; day.

MAT 105 College Algebra

A review of topics in intermediate algebra and an extended treatment of some topics such as relations, functions, and graphs to include polynomial, rational, algebraic, exponential, and logarithmic functions and graphs. Additional topics include linear systems of equations and inequalities in two variables, determinants, and matrices with applications to business and economics. This course is recommended for students with a weak to moderate knowledge of intermediate algebra. Prerequisite: Placement by examination or MAT 070. 3 credits. Every semester; day and evening.

MAT 107 Algebra and Trigonometry for Science Majors

A course for mathematics and science majors designed to develop and strengthen those topics in algebra and trigonometry that a student should master before taking a first standard course in calculus. Prerequisite: Placement by examination or MAT 105. Graphing calculator is optional. 4 credits. Every semester; day.

MAT 109 Mathematics for Managerial Science I

The study of matrices and their application. Examples include the Leontief model and solution of systems in linear equations, inequalities in linear programming (graphical and algebraic approach), dual problems, and economic interpretation. Prerequisite: Placement by examination or MAT 105. 3 credits. Fall semester; day and evening. Spring semester; day.

MAT 110 Mathematics for Managerial Science II

Introduces the basic concepts of functional relationships, the basic skills of differentiation and integration, maxima and minima problems, and several other applications of calculus, especially models in business and economics, exponential models, and mathematics of finance. Prerequisite: MAT 109. 3 credits. Spring semester; day and evening. Fall semester; day.

MAT 202 Calculus I

Emphasis given to calculus, including differentiation and integration of algebraic forms, areas, applications of the derivative, differentials, Rolle's theorem, the mean value theorem, and the fundamental theorem of calculus. Prerequisite: MAT 107 or placement by examination. Students may purchase a graphing calculator. 4 credits. Every semester; day.

MAT 203 Calculus II

Applications of integration, logarithmic, exponential, inverse, hyperbolic, and trigonometric functions. Methods of integration, including integration by parts, trigonometric substitutions, conic sections, rotation of axes and the general second degree equation, polar coordinates, improper integrals, L'Hôpital's rules, sequences and infinite series. Prerequisite: MAT 202. 4 credits. Every semester; day.

MAT 301 Statistics

Organization, description, and interpretation of data. Probability and probability distributions. Sampling distributions and estimation of population parameters. Testing hypotheses, linear regression, correlation analysis, and index numbers. Prerequisite: Placement by examination or MAT 104 or higher. 3 credits. Every semester; day and evening.

MAT 304 Calculus III

Vectors and vector functions. Functions of several variables. Double and triple integrals, partial derivatives, chain-rule, cylindrical and spherical coordinates and change of variable, applications. Prerequisite: MAT 203. 4 credits. Every semester; day.

MAT 309 College Geometry

Topics of higher Euclidean geometry and geometric constructions. Geometrical transformations and different kinds of geometries. Projective and hyperbolic geometries. Prerequisite: MAT 107. 3 credits. Offered as needed; day.

MAT 310 Vector Analysis

The algebra and calculus of vectors, scalar and vector product, coordinate systems, space geometry, vector differential operators, divergence and curl of vector fields, curvilinear coordinates, line and surface integrals. Green's theorem, Stokes' theorem, and divergence theorem. Prerequisite: MAT 304. 3 credits. Offered as needed; day.

MAT 311 Introduction to Set Theory

The algebra of propositions and quantifiers; sets, relations, functions, equivalence relations, partial and total orders, and product sets; Cantor hypothesis, cardinal and ordinal numbers, and well-ordered sets; Axiom of Choice, Zorn's dilemma, and well ordering axiom. Prerequisite: MAT 203. 3 credits. Offered as needed; day.

MAT 312 Linear Algebra

Systems of linear equations, vector spaces, linear independence basis, and dimension; matrices and determinants, rank, and nullity; eigenvalues and eigenvectors; diagonalizable matrices; linear transformations; and matrices. Prerequisite: MAT 203. 4 credits. Fall semester; day.

MAT 401 Differential Equations I

Methods of solving ordinary differential equations with applications. Linear differential equations of first-, second-, and higher-order applications. Systems of linear differential equations. Prerequisite: MAT 203. 3 credits. Fall semester; day.

MAT 402 Differential Equations II

Fourier series and Laplace transformations: applications. Series solution of differential equations. Lengendre's and Bessel's equations. Partial differential equations. Prerequisite: MAT 401. 3 credits. Offered as needed; day.

MAT 403 Advanced Calculus I

Axiom of continuity, least upper bounds, and greatest lower bounds; open and closed sets; continuity differentiation; maxima and minima for functions of two or more variables; the method of Lagrange; implicit function theorems; and general theorems of partial differentiation. Prerequisite: MAT 304. 4 credits. Fall semester; day.

MAT 404 Advanced Calculus II

Transformations and mappings, point set theory, uniform continuity, and fundamental theorems of continuous functions, the theory of integration, infinite series and uniform convergence, power series, improper integrals, and a study of the gamma functions. Prerequisite: MAT 403. 4 credits. Spring semester; day.

MAT 406 Theory of Numbers

An introductory course dealing with divisibility, number theorems, theory and congruences, quadratic residues, and Diophantine equations. Quadratic residues and quadratic reciprocity law. Fermat's theory, Chinese remainder theorem, Euler's theorem, and Wilson's theorem. Prerequisite: MAT 202. 3 credits. Offered as needed; day.

MAT 408 Numerical Analysis

Numerical solutions of equations, difference tables, operator methods; numerical differentiation and integration; numerical solution of ordinary differential equations; systems of linear equations; solutions by iterative methods. Prerequisite: MAT 304 or MAT 401. 3 credits. Offered as needed; day.

MAT 409 Modern Algebra

Sets and mappings; theory of groups, rings, and fields; homomorphism, isomorphism, and the first isomorphism theorem; the field of real numbers and the field of complex numbers. Prerequisite: MAT 304. 3 credits. Every semester; day.

MAT 410 Functions of a Complex Variable

Complex numbers and the topology of the complex plane; analytic and elementary functions, contour integrals, conformal mappings, power series, Laurent series, Cauchy-Riemann partial differential equations; Cauchy-Goursat theorem. Prerequisite: MAT 304. 3 credits. Offered as needed; day.

MAT 411 Introduction to Real Analysis

Families of sets, countable and uncountable sets, metric spaces, the space of continuous functions on a compact set, the Stone-Weirstrass theorem, measure and measurable functions, the Lebesgue Integral, and dominated and monotone convergence theorem, L^p *spaces.* Prerequisite: MAT 404. 3 credits. Offered as needed; day.

MAT 413 Advanced Linear Algebra

Advanced course in linear algebra examining linear transformations and matrices, the characteristics and minimal polynomials, Caley-Hamilton theorem, diagonalization, unitary spaces, self-adjoint, normal matrices and the spectral theorem, Jordan canonical form, and quadratic form. Prerequisites: MAT 312. 3 credits. Offered as needed; day.

MAT 414 General Topology

Set-theoretic preliminaries, metric spaces, topological spaces, continuity and homomorphism, compactness and connectedness, separation axioms, complete metric spaces, and covering spaces. Prerequisite MAT 403. 3 credits. Offered as needed.

MAT 415 Probability Theory

Discrete and continuous random variables and their probability distributions. Mathematical expectation and moments. Chebyshev's Theorem, the Bernoulli, Poisson, Geometric, and Hypergeometric distributions; the Uniform, Exponential, Gamma, Chi-Square, and Normal distribution. Multivariate probability distributions. Functions of random variables. Central Limit theorems. Prerequisite: MAT 304. 3 credits. Fall semester; day.

MAT 416 Mathematical Statistics

Sampling distributions, methods of estimation and hypothesis, linear regression, and the method of least squares. Correlation and analysis of variance. Elements of decision theory, statistical games, and nonparametric tests. Prerequisite: MAT 415. 3 credits. Offered as needed; day.

MAT 418 Seminar in Actuarial Science

Advanced problem-solving seminar for students interested in careers as actuaries. This seminar covers material in calculus, advanced calculus, linear algebra, and probability theory. Examination given by the Society of Actuaries. Prerequisites: MAT 312, MAT 403, and MAT 415. 2 credits. Offered as needed; day and evening.

MAT 420 Topics in Advanced Mathematics

One of two courses that provide ideal preparation for students pursuing graduate studies in mathematics. Topic is announced in advance. Prerequisite: Chairperson's approval. 3 credits. Offered as needed, Spring semester.

Topics in Algebra: Solvability by radicals, Galois groups, and polynomial equations not solvable by radicals. The Sylow theorems and the fundamental theorem of Algebra. Prerequisite: MAT 409.

Topics in Analysis: Banach and Hilbert spaces, linear operators and special classes of operators, self-adjoint and normal operators. Elements of spectral theory. The Fourier transform. The Banach fixed-point theorem. Applications to differential and integral equations. Prerequisite: MAT 404.

MAT 500 Independent Study in Mathematics

Independent study under the direction of a faculty member in the Mathematics department. For students majoring in Mathematics Education, the independent study is on the history of mathematics. Prerequisites: senior standing, major in mathematics or mathematics education, and departmental approval. 1-3 credits. Every semester; day.

Marketing [MKT] Courses

For specific course information, contact the Management department in room 5009 or call (718) 489-5347.

MKT 201 Marketing

An introductory course in the role of marketing within firms, both domestic and global. The marketing function is analyzed from the development of products or services through distributive channels, promotion, and pricing. Students study brands, life cycles, advertising and sales promotion, and methods used to obtain market research. Prerequisite: BUS 101. 3 credits. Every semester; day and evening.

MKT 202 Marketing Management

An in-depth study using the case method of markets, market planning, and marketing decisions. Students learn to evaluate products in relation to consumer demand, market segments, competitive positioning, alternate distributive channels, and relative price lining. Managerial aspects of the marketing functions are stressed. Prerequisite: MKT 201. 3 credits. Offered as needed.

MKT 307 Advertising and Sales Promotion

An advanced course in contemporary advertising and sales promotion techniques used by market-oriented business firms. Students write copy; plan space, TV, and radio ads; determine budgets; and develop campaigns for media, direct marketing, and point-of-sale displays. Agency/client relationships, corporate advertising departments, trade shows, and business expositions are explored. Prerequisite: MKT 201. 3 credits. Offered as needed.

MKT 309 The Sales Function

A course geared to developing personal selling abilities. A typical corporation's sales function in the marketing structure is studied to teach methods for recruitment of sales personnel, training, setting quotas, and operation of a field sales force. Prerequisite: MKT 201. 3 credits. Offered as needed.

MKT 315 Public Relations

Provides a thorough grounding in the techniques of public relations within the marketing department and throughout the entire corporation. Students learn to write media news releases, newsletters, and speeches; plan full campaigns; and handle crisis situations. Techniques and strategies of leading firms are presented through case histories. Prerequisite: MKT 201. 3 credits. Offered as needed.

MKT 316 Merchandising

Planning, selecting, and controlling consumer merchandise moving through the distribution cycle from producer and distributor to retail stores. Students study today's retail environment of American and European stores, shops, markets, malls, and super shopping extravaganzas. Topics include store locations, merchandise buying and pricing, promotions, lighting, color and displays, and the operation and management of a typical retail enterprise. Prerequisite: MKT 201. 3 credits. Offered as needed.

MKT 330 International Marketing

Modern marketing crosses borders with an ever-growing volume of industrial and consumer products that are exported, imported, or manufactured by firms located in one nation for distribution in another. This course expands the principles of marketing to include planning, pricing, distributing, and promoting of global products and those earmarked for sale in selected foreign markets. Prerequisite: MKT 201. 3 credits. Offered as needed.

MKT 340 Direct Marketing

An introductory course in direct, database, and interactive marketing including direct mail, broadcast, Internet, telemarketing, catalogues, inserts, video for sales, fundraising, and image building. Students learn to generate and qualify leads and to create potential consumers. The special competencies of direct marketing are stressed, including issues of measurement and accountability, with a focus on the challenges and opportunities of Internet marketing. Prerequisite: MKT 201. 3 credits. Offered as needed.

MKT 440 Internet Marketing

Provides a comprehensive understanding of electronic commerce as marketing and general management disciplines. Business-to-business and business-to-consumer e-commerce applications are reviewed with specific focus on marketing, advertising, retailing, market research, and service industries. Numerous examples from large corporations and small businesses make the concepts come alive by demonstrating the capabilities, cost and cost justification, and innovative business initiatives made possible by e-commerce. Prerequisite: MKT 201. 3 credits. Offered as needed.

Nursing [NUR] Courses

For specific course information, contact the Nursing department in room 4311 or call (718) 489-5267.

NUR 321 Physical Assessment

This course is an introduction to physical assessment with an emphasis on the review of systems that includes physical examination and history taking. 3 credits. Second summer session; evening.

NUR 322 Nursing Issues

Identification and exploration of nursing and health care issues of concern with a focus on professional nursing in the 21st century. Contemporary practice issues are discussed within the context of the nurse as a provider and manager of care. Students examine the major concepts used to create the course of study for baccalaureate education and investigate their relevance to

contemporary practice. The Pew Commission characteristics of practitioners in 2010 is addressed. 3 credits. First summer session; evening.

NUR 323 Professional Nursing Bridge (Clinical)

This is the clinical component of NUR 324. Students spend one day per week in a learning environment that facilitates the integration and synthesis of old and new knowledge and attitudes. Prerequisite: IT 101, NUR 321, and NUR 322. Co-requisite: NUR 324. 4 credits. Fall semester; day.

NUR 324 Professional Nursing Bridge (Lecture)

This course is designed to help the AD or diploma nurse build on previously acquired knowledge to develop a more conceptual approach to the practice of nursing. The course expands the knowledge base of the R.N. by presenting new material. Co-requisite: NUR 323. 3 credits. Fall semester; evening.

NUR 421 Community/Public Health (Clinical)

This is the clinical component of NUR 422. Students spend one day per week in a learning environment that assists them in developing an understanding of the role that health policy plays in prevention, environmental health, and the care of special risk groups. Prerequisites: COM 203 and NUR 324. Co-requisite: NUR 422. 4 credits. Spring semester; day.

NUR 422 Community/Public Health (Lecture)

Introduction to the epidemiological model and the principals of epidemiological investigation as tools for analyzing health needs. Prevention, environmental health, and the needs of special risk groups are addressed within the context of health policy. Co-requisite: NUR 421. 3 credits. Spring semester; evening

NUR 423 Nursing Leadership and Management

The difference between leadership and management is explored within the context of the changing health care environment. Emphasis is placed on leadership and management theory within the managed care environment. Prerequisite: Department approval. Open to non-majors. 3 credits. Fall semester; evening.

NUR 501 Nursing Seminar I

An examination of what it is like to be a nurse in the 21st century with special emphasis on those nurses who have become leaders. The course discusses the roles that nurses might assume in the new millennium. 1 credit. Fall semester; evening.

NUR 502 Nursing Seminar II

This course assists the nurse in preparing for professional nursing practice by integrating the practice, education, research, and health policy interests of the nurse. Students are encouraged to explore a specific topic or clinical area of interest in the preparation of an oral/written report. Prerequisite: department approval. 1 credit. Spring semester; evening.

NUR 600 Nursing Research

An introductory course to the research process. The course focuses on the professional nurse as research consumer. Critical appraisal skills are developed as a basis for evaluating research studies and their application to clinical practice. Learning activities are designed to facilitate students' understanding of nursing research, the research utilization process and professional role development. Prerequisites: WRI 1500 and MAT 301. 3 credits. Spring semester; evening.

Operations Research and Management [ORM] Courses

For specific course information, contact the Management department in room 5009 or call (718) 489-5347.

Undergraduate Courses

ORM 301 Empirical Methods for Business Research

This course develops the ability of the student to organize, describe, and understand business and economic data. It introduces probability concepts and empirical probability distributions and presents means of gathering and using business data. Included are such topics as confidence interval formation, hypothesis testing, and indexing concepts. Other topics, including simple first order linear regression analysis and statistical software packages such as SPSS, may be introduced. Prerequisite: MAT 105. 3 credits. Every semester; day and evening.

ORM 308 Quantitative Methods in Business I

The employment of mathematical and statistical tools in the solution of business decision problems; techniques such as linear programming, inventory theory, queuing theory, decision theory, and computer simulation. Prerequisites: MAT 301 or ORM 301. Lab fee. 3 credits. Every semester; day and evening.

ORM 309 Business Forecasting

Students become familiar with the needs of businesses to forecast demand and are exposed to techniques such as time series analysis and decomposition, regression analysis, moving averages and exponential smoothing, and jackknife methods. Qualitative techniques are also addressed, including top-down and bottom-up forecasting, Delphi Method, and panel of experts approach. Students are also exposed to software packages on the microcomputer. Prerequisites: MAT 109 and ORM 301. 3 credits. Offered as needed.

ORM 310 Production and Operations Management

This course introduces students to the complex processes by which such inputs as land, labor, and capital are converted into outputs such as goods and services. Issues include production scheduling, integrated control systems, and control methods for quality, cost, inventory, and projects. Prerequisites: ORM 301. 3 credits. Offered as needed.

ORM 311 Quantitative Methods in Business II

Students become familiar with a variety of special operations research techniques not available in other Operations Research courses. Contents include: Markov chains, dynamic programming, goal programming, utility theory, game theory, marginal analysis, and queuing theory. Prerequisites: MAT 109 and ORM 301. 3 credits. Offered as needed.

Graduate Course

ORM 6308 Quantitative Methods in Business I

This course is designed to develop the ability to solve business decision problems using quantitative methods and management techniques such as decision theory, linear programming, and inventory theory. It covers the employment of mathematical and statistical tools in the solution of business decision problems as well as using spreadsheet software for utilizing quantitative techniques in business. Prerequisites: MAT 109 or MAT 202; MAT 301 or ORM 301. 3 credits. Offered as needed.

Physician Assistant [PAC] Courses

The following courses are offered at St. Vincent's Catholic Medical Centers of New York and satisfy the clinical training requirements for the B.S. in Physician Assistant (PAC). Courses are open only to students who are approved to pursue the Physician Assistant program. For specific course information, contact the Chemistry and Physics department in room 7202 or call (718) 489-5295.

Year 1 Required Courses

PAC 01 Clinical Anatomy and Physiology

A review of human anatomy and physiology and its application to disease processes. The major organ systems are studied with emphasis on the potential for physiologic alterations. Summer session; day.

PAC 02 Professional Development and Ethics

This course covers the role of the physician assistant as a member of the health care team. Topics pertinent to role development, leadership, ethics, scope of practice, and legal bounds and responsibilities are discussed. Ethical implications in the health care setting and for the PA as a medical provider are emphasized. Summer session; day.

PAC 03 Medicine I

The student learns the fundamentals of care for problems seen in infectious diseases (limited topics), dermatology, hematology, ophthalmology, otolaryngology (ENT), pulmonary, cardiology (limited topics), gastroenterology, urology/nephrology, and endocrinology. Fall semester.

PAC 04 Pharmacology I

This course covers the general and specific concepts of medical pharmacology and pharmaco-dynamics. Students become familiar with the mechanisms of action, interactions, adverse reactions, and therapeutic indications for pharmacologic agents. Students also become familiar with prescription writing and the laws governing this privilege in New York State. Fall semester.

PAC 05 Behavioral Science I

Psychosocial aspects of disease. The clinician/patient relationship is an important part of the clinical encounter. The encounter is influenced by the social realities experienced by both the clinician and the patient. The purposes of this course are (1) to help students become aware of the values, beliefs, and experiences that they bring to patient care; (2) to foster awareness of the role that culture and environment play in the health of individuals and how they affect the patient encounter and patient health; and (3) to help students develop interpersonal skills. Fall semester.

PAC 06 Health History and Physical Examination (HHPE) I

The health history and physical examination course is a two-semester course. The purpose of the first semester is to provide students with the resources to obtain a medical history, perform a screening physical examination, and record the history and physical examination. In addition, students attend two hospital practica to demonstrate their interviewing and physical examination skills. Fall semester

PAC 07 Diagnostic Imaging I

Explores both general and specific concepts of diagnostic imaging. Students are provided with the resources to know when and how to order radiographic tests; to have a basic understanding of the equipment, techniques, and problems, advantages and disadvantages, and the benefits and risks of diagnostic radiology. The student is introduced to the basics of systematically reading and interpreting chest x-rays, abdominal x-rays, and renal imaging studies. Fall semester

PAC 08 Laboratory Medicine

This course is designed to provide the student with an understanding of the use of the clinical laboratory as an aid to diagnosis, treatment, and management of disease and the skill to perform a limited number of laboratory procedures. Fall semester

PAC 09 Pediatrics

This course is designed to provide the student with an understanding of the pediatric clinical practice. Topics related to the normal and abnormal development of infants and children are discussed. The diagnosis and treatment of common pediatric problems are emphasized along with health care maintenance. Spring semester.

PAC 10 Health History and Physical Examination (HHPE) II

Builds on the knowledge gained in HHPE I to refine and expand the skills necessary for obtaining health histories, performing physical examinations, and recording findings. The focus is on complex and specialized elements of the medical and psychosocial history and specialized aspects of the physical examination.

History-taking topics include interviewing skills for special situations, issues in non-verbal communication, and ascertaining psychosocial components of medical complaints. Additionally, the student learns to rationally organize physical examinations, perform problem-based focused histories and physical examinations, and develop differential diagnoses and properly document. Emphasis is on problem solving, including assessments and management plans. Students attend hospital practica to demonstrate their interviewing and physical examination skills. Spring semester

PAC 11 Medicine II

This course covers the fundamentals of care for patient problems seen in the following areas and organ systems: obstetrics and gynecology (ob-gyn), HIV disease and selected other infectious diseases, cardiology, musculoskeletal (includes orthopedics and rheumatology), neurology, psychiatry, and oncology. Spring semester.

PAC 12 Medical/Surgical Instrumentation

Presents the basic knowledge and clinical skills to become competent in performing various medical-surgical procedures. Students practice procedures on mannequins and each other. While working together, students gain a better understanding of patient reactions and complaints associated with various medical procedures. Empathy and consideration for patients undergoing these procedures is evoked via classroom interactions. Spring semester.

PAC 13 Diagnostic Imaging II

This course is designed to provide the student with the resources to know when and how to order radiographic tests and to know the advantages and disadvantages, along with the benefits and risks of diagnostic radiology. The student is introduced to the basics of systematically reading and interpreting x-rays of the skeletal system and imaging studies available for the evaluation of the nervous system. Spring semester.

PAC 14 Geriatrics

Presents ways to provide comprehensive, person-centered care of the elderly through knowledge of the normal aging process. The student learns to describe and assess functional and medical problems which are important in the geriatric population. This course focuses on the diagnosis and management of common problems encountered in the geriatric population. The student is able to describe the importance of health-care maintenance, prevention of diseases in the elderly as well as the options of long-term care facilities and home care. Spring semester.

PAC 16 Clinical Pharmacology II

This course covers the mechanism of action, pharmacodynamics, pharmokinetics, indications for use, preparations, routes of administration, adverse effects and contraindications for drug groups used in the disciplines of women's health, HIV disease and other infectious diseases, cardiology, orthopedics, rheumatology, neurology, psychiatry, and oncology. Spring semester.

PAC 17 General Surgery

This course overviews surgical diseases, their management, and treatment. Emphasis is placed on formulating an appropriate surgical diagnosis based on clinical symptoms and signs, differential diagnoses with the use of appropriate diagnostic studies, recognition of surgical emergencies, management decisions, preoperative and postoperative care. Spring semester.

PAC 18 Emergency Medicine

Covers the fundamentals of care for problems seen in the emergency setting that have not been covered in previous courses; students learn how to set priorities in the emergency situation. Emphasis is on the approach to emergency medical care and immediate intervention, teamwork and consultation, and follow-up. Spring, extending through summer session.

PAC 19 Community Medicine

This course focuses on the health and wellness of individuals throughout their lifespan. The three elements of primary prevention, health promotion, disease prevention, and health protection, are covered. The course provides an overview of the methodology for interpreting the medical literature and applying these concepts to clinical problems. Summer session.

Year 2 Required Clinical Courses (Rotations)

PAC 50 Internal Medicine

This rotation takes place in a hospital setting and for some rotations also involves an office internal medicine component. This rotation provides the student with the opportunity to acquire the skills and knowledge necessary to diagnose and treat adult patients with medical problems. Under the supervision of a preceptor, students progressively assume responsibility to provide adult medical services, including both acute and chronic disease management (including more complicated patients), health promotion and maintenance, and disease prevention.

PAC 51 General Surgery

This rotation takes place in an inpatient hospital setting and also includes outpatient surgical clinic duties. This rotation provides students the opportunity to acquire the skills and knowledge necessary to diagnose and treat adult/pediatric patients with surgical problems. Under the supervision of a preceptor, students progressively assume responsibility to provide adult/pediatric surgical services, including acute, chronic, emergent disease management, health promotion, and disease prevention.

PAC 52 Obstetrics/Gynecology

This rotation takes place in a hospital setting and also includes an outpatient clinic component. This rotation provides the student with the opportunity to acquire skills and knowledge necessary to diagnose and treat patients with gynecological and obstetrical presentations. Under the supervision of a preceptor, students progressively assume responsibility to provide ob-gyn services, including acute and chronic disease management, health promotion, health maintenance, and disease prevention.

PAC 53 Pediatrics

This rotation takes place in a hospital, clinic, and/or private office setting. The student is expected to acquire the skills and knowledge necessary to diagnose and treat pediatric patients with medical and behavioral problems. Under the supervision of a preceptor, the student progressively assumes responsibility to provide pediatric medical services, including both acute and chronic disease management, well-child care, and adolescent care. The student provides parent and, when appropriate, patient education to include anticipatory guidance, health promotion, and disease prevention.

PAC 54 Emergency Medicine

This rotation is centered in the department of emergency medicine and related immediate care clinics. Students gain experience in the care of problems seen in the emergency and urgent care setting, including patients of all ages presenting with a broad range of primary care problems. Under preceptor supervision, students assume increasing responsibility in the provision of episodic, urgent, and emergency care. Students will identify conditions that are potentially life-threatening and require urgent intervention and, when necessary, ensure that the patient obtains emergency treatment.

PAC 55 Primary Care I

This rotation takes place in an ambulatory/outpatient setting. This rotation provides students the opportunity to acquire the skills and knowledge necessary to diagnose and treat patients of all ages in an ambulatory care setting. Under the supervision of a preceptor, students progressively assume responsibility to provide family-oriented primary care services, including both acute and chronic disease management, health promotion and maintenance, and disease prevention.

PAC 56 Primary Care II

This rotation takes place in an ambulatory/outpatient setting. This rotation builds on the experience gained in the Family Practice I rotation, providing students with the opportunity to further the skills and knowledge necessary to diagnose and treat patients in an ambulatory care setting. Under the supervision of a preceptor, students progressively assume responsibility to provide family-oriented primary care services, including both acute and chronic disease management (including more complicated patients), health promotion and maintenance, and disease prevention. The learning objectives for this rotation emphasize behavioral and psychiatric conditions.

PAC 57 Primary Care Elective

For this rotation, the student may select a primary care site or a primary care specialty rotation. Specialty choices include rotations in HIV/infectious diseases, pulmonary medicine, cardiology/internal medicine, or psychiatry.

PAC 58 Geriatrics

This rotation takes place in specialized geriatric facilities, nursing homes, and chronic care facilities. This rotation provides the student with the opportunity to acquire the skills and knowledge necessary to diagnose and treat elder patients with medical, functional, and social/family support problems. Emphasis is placed on comprehensive assessment, appropriate clinical decision making, and management of medical problems, both acute and chronic, commonly encountered in the geriatric population.

PAC 59 Orthopedics

This rotation takes place in a hospital and/or ambulatory setting. This rotation provides students with the opportunity to acquire the skills and knowledge necessary to diagnose and treat adult and pediatric patients with orthopedic problems. Under the supervision of a preceptor, students progressively assume responsibility to provide adult and pediatric orthopedic care, including both acute and chronic problems, health promotion, maintenance, and disease prevention.

PAC 60 Seminar/Competencies

This course is designed to supplement the clinical experience with appropriate learning sessions. Emphasis is on patient care and covers history taking, physical examination skills, diagnosis, and management of patients.

Physical Education [PE] Courses

Effective fall 2005, the Education department modified its curriculum. Education courses appear as Adolescent Education [AED], Childhood Education [CED], Education [ED], Fitness [FIT], and Physical Education [PE]. PE courses will *not* satisfy the College's Fitness requirement. Students interested in physical activities, fitness, or exercise should refer to Fitness [FIT] courses. *For further information, please refer to the Education department in the yellow section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

PE I Skills Activities I

Theory, instruction, and practice in the fundamentals of team sports and games; techniques in soccer and volleyball, including coaching techniques. 2 credits. Spring semester; day.

PE II Skills Activities II

Theory, instruction, and practice in the fundamentals of team sports and games; techniques in basketball, softball, and baseball, including coaching methods. 2 credits. Spring semester; day.

PE III Skills Activities III

Theory, instruction, and practice in individual and dual sports techniques in badminton, racquetball, and tennis, including coaching methods. 2 credits. Fall semester; day.

PE VI Skills Activities VI

Theory, instruction, and practice in the fundamentals of team sports and games; techniques in hockey and team handball, including coaching methods. 2 credits. Fall semester; day.

PE VII Skills Activities VII

Theory, instruction, and practice in the fundamentals of team and individual sports; techniques in football, track and field, and golf; includes coaching techniques. 2 credits. Fall semester; day.

PE IX Fitness Education and Assessment

Teaching practices for physical activity and fitness concepts appropriate for children and adolescents in school, sport, and recreation programs. Physical Best certification is offered. One hour of lecture and one hour of lab per week. 2 credits. Spring semester; day.

PE X Advanced Skills X

Theory, instruction, and practice in officiating and coaching team sports and individual and dual sports: techniques for indoor and outdoor sports. 2 credits. Spring semester; day.

PE 208 Kinesiology

An overview of the skeletal, muscular, and nervous systems in producing purposeful human movement. Topics include movement analysis, techniques with emphasis on non-cinematographical analysis. Prerequisites: BIO 108 and CHE 1101. 3 credits. Fall semester; day.

PE 209 Biomechanics

The application of kinesiological concepts to the mechanical analysis of movement and motor skills. Topics include force, velocity, momentum, angular motion, and cinematographical analysis. Prerequisite: PE 208. 2 credits. Spring semester; day.

PE 211 Movement Education and PE in Elementary Schools

Techniques and methods in conducting elementary games; theory and practice in rhythmic activities and movement education applicable to different age levels. Prerequisite: Any skill activities or departmental approval. 2 credits. Spring semester; day.

PE 243 Ethics in Sport and Physical Education

Selected situations in sport and physical education are explored from ethical and moral perspectives. 2 credits. Offered as needed.

PE 244 Sociology of Sport

This elective course for PE majors discusses the structure and function of sport as an institution within society. Included topics are social stratification, mobility, race, gender, and the socio-economic dimensions of sport. 2 credits. Spring semester; day.

PE 301 History and Principles of Physical Education

Introduction to the history and principles of physical education; current trends and problems in physical education are analyzed and evaluated. 2 credits. Spring semester; day.

PE 302 Physical Education for Students with Special Needs

Instructional strategies for including students with special needs in regular physical education. Implications of federal and state regulations for planning programs for students with special needs. Evaluation strategies for assessing motor performance and the role of physical activity in educational programs for these students. Familiarizes students with the variety of disabilities they may encounter in school settings. Field work required. Prerequisite: PE 208 and PE 308. 3 credits. Spring semester; day.

PE 304 Organization and Administration of PE

Emphasis on organization and administrative policies and procedures; purchase and care of equipment and supplies; public and professional relations; structural and functional aspects of a school program in physical education, athletics, and intramurals. Prerequisite: Any skills activities or departmental approval. 2 credits. Fall semester; day.

PE 305 Physiology of Exercise

An overview of the physiological effects of exercise on the human body. Topics include systematic response to the demands of exercise, testing, and training procedures and laboratory assessment of physiological function and status. Prerequisites: BIO 108 and CHE 1101 or departmental approval. 3 credits. Fall semester; day.

PE 308 Motor Learning

An introduction to the concepts, principles, and theories of movement and motor learning. 3 credits. Spring semester; day.

PE 316 Psychology of Sport

An introduction to the psychological concepts of athletes, the social psychology of sports, and effective coaching techniques of athletic skills. Introduction to personality tests employed in the field; the effects of behavior on athletic performance. 3 credits. Spring semester; day.

PE 322 Introduction to Legal Issues

Relates basic legal concepts to sport and physical education environments. Includes torts, contract law, constitutional law, negligence, and Title IX issues. 3 credits. Fall semester; day.

PE 401 Curriculum and Methods of Instruction in PE K-12

An in-depth look at curriculum models, instructional strategies, and teaching styles for physical education in grades K-12. Management, discipline, motivation, and professional development for the physical educator is discussed. Prerequisite: AED 301 or CED 303 and senior standing. 3 credits. Fall semester; day.

PE 402 Evaluation of Physical Education

Methods and procedures used in the construction, administration, and interpretation of standardized testing in physical education; introduction to elementary statistical methods. Prerequisites: ED 201 and ED 202 and any Skills Activities course. 3 credits. Fall semester; day.

PE 404 Supervised Student Teaching in Physical Education

During the last semester of senior year, students in the Physical Education program spend a minimum of one semester of full-time, supervised instructional experience in an approved physical education program in elementary and/or secondary school. Includes a bi-weekly seminar at the College. Prerequisites: PE 401, PE 402, and department approval. 6 credits. Every semester; day.

PE 450 Field Experience in Physical Education

Observation and supervised experience of at least 100 hours in an area of the student's expressed professional interest. Prerequisites: Junior or senior standing and departmental approval. 2 credits. Every semester; day.

PE 500 Independent Study

Independent study and readings in an area of specialization in the discipline of physical education. Conferences, report, special project, or term paper. Prerequisite: Departmental approval. 1-3 credits. Every semester; day.

Philosophy [PHI] Courses

For specific course information, contact the Philosophy department in room 6009 or call (718) 489-5229.

Undergraduate Courses

PHI 1101 Basic Problems in Philosophy

An examination at a strictly introductory level of the character of philosophical questioning. Instances chosen for treatment are from the several areas of philosophy such as ethics, epistemology, and metaphysics, and they are studied in the context of brief selections from the writings of philosophers from antiquity to the present. 3 credits. Every semester; day and evening.

PHI 1114 Reasoning and Argumentation

An introduction to logic and critical thinking. Emphasis is on the identification of arguments and the assessment of their validity. The course includes the analysis of terms, propositions, arguments, and their linguistic contexts; common fallacies; and the structure of deductive and inductive arguments. 3 credits. Every semester; day and evening.

PHI 2201 Theories of Human Nature

An inquiry into human nature by means of the analysis of fundamental philosophical issues such as mind and body, death and immortality, perception and conception, reason and emotion, and freedom and determinism as they appear in writings of philosophers from antiquity to the present. Prerequisite: PHI 1101 or PHI 1114. 3 credits. Every semester; day. Offered as needed; evening.

PHI 2203 Theories of Knowledge

An inquiry into the nature of knowledge by means of an examination of such explanations of knowledge as empiricism, idealism, skepticism, pragmatism, and realism (in its various versions). Readings of philosophers from antiquity to the present. Prerequisite: PHI 1101 or PHI 1114. 3 credits. Every semester; day. Offered as needed; evening.

PHI 3308/REL 308 Introduction to Jewish Thought

The Western tradition can be viewed as the encounter of two seemingly irreconcilable ways of understanding the world: philosophy and faith. The former relies on the autonomous exercise of the speculative mind; the latter trusts revelation as the ultimate source of authority and truth. This course examines the Jewish philosophical tradition in light of philosophy and faith and explores whether or not the two are indeed irreconcilable. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3310 American Philosophy

Distinctive characteristics of American philosophic thought analyzed and discussed; attention given to the thought of Edwards, Emerson, Royce, Santayana, Peirce, James, Mead, and Dewey. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3312 Women in Philosophy

A study of several major women philosophers from the Middle Ages through the 20th century; an analysis of representative texts. The course includes a reflection on the meaning of women in philosophy and address the question of whether general lessons can be drawn from the study of the figures examined. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3315 Philosophy of History

An inquiry into the intelligibility of history and an examination of the character of historical knowledge. Topics include historical change, cyclical and directional theories of history, the idea of progress, historical explanation, and historicism. Attention is given to some of the texts of the following: Thucydides, Aristotle, Polybius, St. Augustine, Vico, Kant, Comte, Hegel, Marx, Burckhardt, Ranke, Nietzsche, Heidegger, Raymond Aron, and Isaiah Berlin. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3316 Philosophy of Art

The course examines the nature of art and the character of our experience of art. It deals with such issues as the concept of beauty, imagination, and taste; the role of imitation, representation, and expression; style; the relation of works of art to knowledge and truth; the meaning of symbol and metaphor; the nature of narrative and genre; the philosophical status of works of art; and the emotional responses to art. The course concentrates on the texts of selected major figures in the history of philosophy from Plato to Hans Urs von Balthasar. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3326 Philosophy of Science

An examination of the epistemological and ontological requirements of natural science. This examination is carried out by means of a consideration of the idea of science in Greek philosophy, the emergence of modern natural science in the 17th century, logical positivism's account of natural science, and the recent criticisms of the logical positivist account. Readings from ancient, modern, and contemporary sources. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3327 Metaphysics

An inquiry into the problem of being and into the concepts in terms of which it has been elucidated; the possibility of this question. Readings from ancient, medieval, modern, and contemporary philosophers. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3333 Philosophical Theology

An examination of the main themes in Western philosophical considerations of the existence and nature of God. Classical sources, Christian influences, and modern treatments. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3340 Special Problems in Ethics

Examination of selected contemporary and traditional ethical problems, such as abortion, sex education, euthanasia, censorship, war, and capital punishment; some study of the presuppositions, instruments, and procedures of ethical analysis is involved.

Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 3342/BUS 342 Business Ethics

An introduction to the philosophical questions and theories associated with business ethics, with discussions based on the study of sample actual business cases. Topics include applying moral philosophy to business ethics, social responsibility, organizational culture and ethical decision making, development of an effective ethics program, and business ethics in a global economy. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed.

PHI 3354/REL 354 The Holocaust and Forgiveness: Looking in the Abyss

Forgiveness is not a theoretical attitude—it is a decision that one must make. To make this decision in a properly informed way, it is necessary to reflect on the evil against which the possibility of forgiveness is to be measured, and what—if anything—would constitute repentance for such an evil. This course examines the efforts to address these matters with respect to the Holocaust. Among the questions to be considered are: What was the evil of Nazism? Why does it remain a source of fascination? Is it possible for Germany to repent of its past? Is forgiveness possible after Auschwitz? Prerequisite: Any 100- or 200-level REL course. 3 credits. 3 credits. Offered as needed; day.

PHI 3403 Moral Philosophy

An examination of the basic questions of moral philosophy and the positions taken up in response to them with particular attention to the question of the relationship between a given ethic and its corresponding conceptions of man and being. Readings of philosophers from antiquity to the present. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Every semester; day.

PHI 3404 Political Philosophy

A study of the fundamental concepts and problems of political philosophy. Examination of such topics as the city, regime, state and civil society, force, power, law, authority, right, and freedom. Selected readings from major political philosophers. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Every semester; day. Offered as needed; evening.

PHI 3431 Greek Philosophy

The major figures and issues in Classical philosophy from the Pre-Socratics to Neo-Platonism, with particular emphasis on Plato and Aristotle. Analysis of representative texts. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Fall semester 2005; day.

PHI 3432 Medieval Philosophy

Close examination and analysis of representative texts of major figures from Christian, Arabic, and Jewish traditions; particular attention to the question of the relation between philosophical inquiry and religious beliefs. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Fall semester 2005; day.

PHI 3441 Modern Philosophy

European philosophy from the 16th through the mid-19th centuries. The canonical figures and issues in modern philosophy from Bacon and Descartes through Hegel. The emphasis in this course is on epistemological, logical, and metaphysical issues. Analysis of representative texts. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Spring semester 2006; day.

PHI 3442 Twentieth-Century Philosophy

A survey of the major figures and movements in 20th-century philosophy, such as existentialism, phenomenology, logical positivism, ordinary language analysis, and postmodernism. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Spring semester 2006; day.

PHI 3443 Philosophy and the Moving Image

Throughout history, philosophy has attempted to address a number of questions: Why are we here? What type of beings are we? Is there a purpose to the lives we lead? What is the nature of evil? How can we live moral, purposeful lives—and is it necessary for us even to attempt to do so? With the invention of "moving pictures," these philosophical questions began to be addressed within the context of commercial films and, later, television, raising the possibility that the very nature of these questions becomes altered through the lens of the moving image. In this course we combine philosophical readings with the viewing of films and television programs in an attempt to address the question, "Has the moving image changed the way we think?" Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day and evening.

PHI 4000-4199 Special Topics in Philosophy

This course explores specific, identified topics in the discipline of philosophy. The subject matter will be selected by the instructor prior to registration, with the approval of the department Chairperson. Prerequisite PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

PHI 4995 Independent Study

This course allows the student to engage in a semester-long detailed examination of a philosophical topic. Prerequisite: PHI 2201 or PHI 2203 and Chairperson's approval. 1-3 credits. Offered as needed; day.

PHI 5400-5499 Honors Topics in Philosophy

This course explores specific, identified topics in the discipline of philosophy. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. Open to Honors students only. 3 credits. Offered as needed; day.

PHI 5433 Neo-Platonism (Honors)

Honors seminar. An examination of the philosophical movement beginning with Plotinus, and of its influence on Western philosophy, mysticism, and art. The foundation of the course is laid with a study of Plotinus's philosophy, in its triple dimension—as a reading of Plato, as a metaphysical system, and as a religious path. The Neo-Platonic vein is then traced through medieval philosophy in the Christian, Jewish, and Islamic worlds; connections with Indian thought is also considered. Particular attention is paid to the revival of Neo-Platonism in Renaissance philosophy. The continuing life of Neo-Platonic themes in modern philosophy and culture is finally brought to light. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

Graduate Course

PHI 7342 Business Ethics

This course addresses philosophical theories and questions associated with business ethics, with discussions based on the study of sample cases. Topics include fundamental ethical theories, applying moral philosophy to business ethics, social responsibility, ethics, and organizations, employee obligations and rights, ethics and finance business and the consumer, the environment, and multinational corporations. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed.

Physics [PHY] Courses

For specific course information, contact the Chemistry and Physics department in room 7202 or call (718) 489-5295.

PHY 2001 General Physics I

An elementary consideration of the fundamental laws and concepts of mechanics, heat, sound, light, electricity, and magnetism; experimental study of various topics made in the laboratory. Prerequisite: MAT 202. Two lecture, two recitation and two lab hours per week. Lab fee. 4 credits. Every fall; day.

PHY 2002 General Physics II

Continuation of PHY 2001. Prerequisite: PHY 2001. Lab fee. 4 credits. Every spring; day.

Political Science [PSC] Courses

For specific course information, contact the History, Political Science, and Social Studies department in room 7004 or call (718) 489-5232.

PSC 1202 Introduction to Political Science—Scope and Method

This survey of the major contemporary trends in political science research enables the student to understand and work with a variety of analytical tools. 3 credits. Every semester; day. Offered as needed in the evening.

PSC 1204 American National Government

The constitutional basis, structure, and operations underlying political processes (election, interest representation, political parties); special attention is given to their role in the economy and social welfare of the nation, along with defense and foreign policy making. 3 credits. Every semester; day or evening.

PSC 2101-2199/HIS 2101-2199 Lecture Series

This is a topical course in the subjects of Political Science and History. Each offering covers a different topic as selected by the instructor. The title is announced prior to registration; consult the department for a syllabus and further details. Prerequisite: HIS 1201 and either PSC 1202 or PSC 1204. 3 credits. Offered as needed.

PSC 2303 American Political Parties

The origins and nature of the two-party system; party organization on the federal, state, and local levels; party politics and governmental institutions; the nomination and electoral processes through party; voters; and special interests. Prerequisite: PSC 1204. 3 credits. Offered as needed.

PSC 2304 State and Local Government

Historical background and constitution-making structures and operations of both levels with an emphasis on the politics of local government in New York City and the New York State government; federalism; federal-state-local intergovernmental relations. Prerequisite: 15 college credits. 3 credits. Every semester; day and evening.

PSC 2305 Politics and Administration in Latin America

Contemporary government systems of representative nations of the Caribbean, Central, and South American regions. The course combines a standard approach (governmental structures and operations) with special emphasis on particularly applicable topics (elite-mass relationship, political instability, economic development, interhemispheric politics). Prerequisite: PSC 1202. 3 credits. Offered as needed.

PSC 2306 Metropolitan Government and Politics

Definition of the metropolitan region; traditional urban and suburban forms of government; the politics of reorganization; metropolitan forms of government; regional socio-economic problems and public policies. Prerequisite: 15 college credits. 3 credits. Offered as needed.

PSC 2309 Public Administration

A study of administration in terms of theory and practice. Closely examines the interrelationships of public administration with the political, governmental, and private environments. Surveys decision making, financial administration, administrative organization, legislative and judicial administration, and administrative responsibility. Prerequisite: PSC 1204. 3 credits. Offered as needed.

PSC 2310/HIS 2308 Terrorism

An examination of the use of violence as a form of political behavior. Study of the origins of terror groups. Analysis of current trends and problems. Prerequisite: HIS 1201 or 15 college credits. 3 credits. Offered as needed.

PSC 2312/HIS 2303 The World in the 20th Century

A study of the evolution of the nation-state system in the 20th century. Concepts such as imperialism, nationalism, fascism, communism, neocolonialism, power politics, and containment

are studied. Prerequisite: HIS 1201 or 15 college credits. 3 credits. Every semester.

PSC 2317 Government and Politics of Africa

An analysis of the particular variables that have impacted the development of the African states, many of which are designated Least Developed or Developing countries. These states share the legacies of geographic impediment, colonialism, one-party government, military dictatorship, socioeconomic underdevelopment, and intrastate conflict. Prerequisite: PSC 1202. 3 credits. Fall 2005; day.

PSC 2318 Government and Politics of Asia

The countries of Asia vary considerably from the Least Developed to the "Tigers" along the Pacific Rim. The government systems include the democracy of India and the communist regime of North Korea. The course presents a means of analyzing the significant variables that have impacted the development of these states on the Asian continent. Prerequisite: PSC 1202. 3 credits. Spring 2006; day.

PSC 2320-2323/HIS 2320-2323 Current Problems

Analysis of major economic, social, and developmental issues of a region from a global perspective. Lecture/discussion format with lectures conducted by leading figures in academic, political, and diplomatic fields. Prerequisite: HIS 1201 or 15 college credits. 3 credits. Spring semester; day.

HIS 2320/PSC 2320—Current Problems: Asia
HIS 2321/PSC 2321—Current Problems: Africa
HIS 2322/PSC 2322—Current Problems: Latin America
HIS 2323/PSC 2323—Current Problems: Middle East

PSC 2325 Women and Politics

This course analyzes women and American political life. The Women's Movement and some of the interpretations of its meaning is reviewed. The cultural roles of women in American society is studied. This configuration of materials presented assists in examining the transforming impact that women's actions have on the political process and American political life. It also examines the impact of politics on women in society: expanding the rights of women in employment and education, and familial and reproductive rights. Prerequisite: PSC 1204. 3 credits. Offered as needed.

PSC 2330/HIS 2330 War, Peace, and Cold War

This course seeks to review, analyze, and evaluate the events surrounding the world war era and its aftermath. From the Japanese invasion of China to the collapse of the Soviet Union, the episodes that mark the period are examined from military, social, economic and political viewpoints. Prerequisite: HIS 1201 or 15 college credits. 3 credits. Offered as needed.

PSC 2340 Culture and Politics of Italy

This course investigates the history, political culture, government structure, economy, and social structure of Italy. Prerequisite: 15 college credits. 3 credits. Offered as needed.

PSC 2350 The Government and Politics of Russia

Investigates the role of ideology, governmental structure, the nationality component, the political culture, economic planning, and decision making in Russia. In addition, the course investigates and explores Russian foreign policy. Prerequisite: PSC 1202. 3 credits. Offered as needed; day.

PSC 2370 The Culture and Politics of Italian-Americans

This course investigates the historical setting of Italy prior to migration, patterns of migration, early experience in America, approaches to upward mobility, political behavior, political subculture, relationships with other ethnic, racial and religious groups and contemporary status, behavior and attitudes of Italian-Americans. Prerequisite: 15 college credits. 3 credits. Offered as needed.

PSC 2380-2389/HIS 2380-2389 Nations of the Modern World—Study Abroad

Study abroad. On-site study of the history, politics, and culture of a nation or region through department-sponsored tour. Scheduled principally during intersession and/or spring break. Preparation classes and papers are required. Prerequisite: consent of instructor. 3 credits. Offered as needed.

HIS 2380/PSC 2380—France
HIS 2381/PSC 2381—Latin America: Argentina, Brazil and Mexico
HIS 2382/PSC 2382—Russia
HIS 2383/PSC 2383—Germany
HIS 2384/PSC 2384—Italy
HIS 2385/PSC 2385—England
HIS 2386/PSC 2386—China
HIS 2387/PSC 2387—Ireland
HIS 2388/PSC 2388—Greece
HIS 2389/PSC 2389—Spain

PSC 2404 Government and Business: 1865–Present

A study of the relation of government to business as a control and as an aid; the commerce clause as the source of extended power of government control; decisions of the courts; state police powers. Prerequisite: 24 college credits. 3 credits. Every semester; day and evening.

PSC 2407 United States Congress

This course examines the evolution of Congress, the principles on which it is based, its method of operation, its struggles, and its place in America's future. Prerequisite: PSC 1204. 3 credits. Fall 2005.

PSC 2409/HIS 2409 The American Presidents

A study of the historical evolution of the presidency from the 18th century to the present, emphasizing both the institution and the characters of the men who have held the office. Prerequisite: HIS 1201 or PSC 1204. 3 credits. Spring 2006.

PSC 3301 Comparative Government

The course acquaints students with the government and politics of wide-ranging countries. Determining the essential aspects of

governing through functional analysis, the course focuses on Britain, Germany, France, Russia, and Japan. Attention is directed at the changes in China and Iran. Brazil and South Africa are analyzed. Prerequisite: PSC 1202. 3 credits. Fall semester; day.

PSC 3405 Introduction to Law and the American Judicial Process

The nature of law and its role in society, the politics of the administration of justice; selection of judges, criminal and civil procedure, judicial and jury decision making, courtroom operations, etc. Prerequisite: PSC 1204. 3 credits. Offered as needed.

PSC 3406 International Relations

Post-World War II international politics viewed through concepts (sovereignty, national interest, power) and the instruments for the conduct of foreign policy (diplomacy, war, global economics, world organizations, and international law). Prerequisite: PSC 1202. 3 credits. Spring semester; day.

PSC 3410/HIS 3415 Constitutional Law I: The Structure of American Government

This course investigates, through the study of Supreme Court opinions and the theories underlying those opinions, the meaning of the American Constitution. The course includes the role of the Court in interpreting and enforcing the Constitution; separation of powers; the powers of Congress, the President, and the Courts; federal-state relations; and the expansion of national governing powers. Prerequisite: HIS 1201 or PSC 1202 or PSC 1204. 3 credits. Fall semester; day.

PSC 3411/HIS 3416 Constitutional Law II: Civil Liberties

This course investigates, through the study of Supreme Court opinions, the relationship between individuals and their government in the United States. The course includes the following issues: freedom of expression, the rights of persons accused of crimes, equality before the law, protection of the right to vote, and the rights of citizenship. Prerequisite: HIS 1201 or PSC 1202 or PSC 1204. 3 credits. Spring semester; day

PSC 3424 The United Nations

This course is designed to develop an awareness of the United Nations. Its purpose and the evolution of its functions are examined with special emphasis on its role in the post-Cold War world. Attention is focused on its humanitarian activities, the problem of peacekeeping and peacemaking, the evolution of its structure, and new models for reform of the UN. Prerequisite: PSC 3406. 3 credits. Offered as needed.

PSC 3450 Empirical Research Methods

This course focuses on the conceptual and methodological processes used to test hypotheses, gather data, determine proper tests, and evaluate the results. In addition, the development of research designs, the explanation of elementary statistics, and the utilization of software programs for statistics as a tool for theory testing are emphasized. Prerequisite: PSC 1202 or PSC 1204; Major in Political Science, junior or senior standing, and Chairperson's approval. Lab fee. 3 credits. Offered as needed.

PSC 4990 Internship

Students may intern at approved sites under professional supervision. Internships have included placements with the national, state, and local governments. In addition, internships are available with non-governmental organizations at the United Nations, law firms, museums, and historical societies. Internships are subject to availability. Prerequisites: PSC 1202 and PSC 1204 and Chairperson's approval. 1-15 credits. Offered as needed; day.

PSC 4995 Independent Study

This course is for students who have a special subject interest not available among the published catalogue offerings. It is usually limited to students with 3.0 indices or above. Students who believe they qualify must meet with the department Chairperson. After approval of the project, the student seeks a departmental professor and they draw up a contract specifying the nature of the work. A paper is usually required in this course. Prerequisites: PSC 1202 and PSC 1204. 1-3 credits. Offered as needed.

PSC 4998 Political Science Seminar

A thesis seminar for political science majors. The main project is a research paper in one of the sub-disciplines of political science. The students develop a research design based on the methodology utilized in the political science courses. Prerequisites: PSC 1204, PSC 3301, and PSC 3406. 3 credits. Offered as needed; day.

PSC 5400-5499 Honors Topics in Political Science

This course explores specific, identified topics in the discipline of political science. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. Open to Honors students only. 3 credits. Offered as needed; day.

Psychology [PSY] Courses

For specific course information, contact the Psychology department in room 7204 or call (718) 489-5286.

PSY 100 General Psychology

General introduction to the basic concepts, methods, and findings of contemporary psychology. 3 credits. Every semester; day. Offered as need in the evening.

PSY 101 Introduction to Psychological Research

Designed for Psychology majors, minors, and undeclared students with a strong interest in psychology. An introduction to basic principles of research in psychology, students learn about the scientific method, how to search for and evaluate psychological research, and conduct simple psychological experiments to illustrate what has been learned in PSY 100. Students also learn APA style and basic methods of analyzing data using computer software. Prerequisite: PSY 100. Three lectures and one lab hour per week. Lab fee. 4 credits. Fall and spring semesters; day.

PSY 203 Child and Adolescent Psychology

Human development from conception through adolescence; examination of physical, cognitive, emotional, and behavioral changes. 3 credits. Every semester; day. Offered as needed in the evening.

PSY 204 Developmental Psychology II: Adulthood and Aging

A study of the adult life cycle covering early, middle, and late adulthood. 3 credits. Spring semester; day.

PSY 205 Psychology of Learning

Major theories of learning and significant research findings in the areas of learning, memory, motivation, and behavior modification. Students are required to conduct an experimental study as part of the course requirements. Prerequisite: PSY 101. 3 credits. Spring semester; evening. Offered as needed; day.

PSY 207 Tests and Measurements

The theoretical framework, underlying principles, and techniques of psychological tests; emphasis is placed upon applied techniques of intelligence testing, interviewing, career assessment, and personality testing. Prerequisite: PSY 101. 3 credits. Fall semester; day.

PSY 208 Life-Span Development

A one-semester course designed to cover all of the significant stages of development including infancy, childhood, adolescence, and adulthood. 3 credits. Offered as needed; day and evening.

PSY 214 Human Sexuality

A social-psychological approach to the study of human sexual behavior. All sexual behaviors (autoerotic, bisexual, heterosexual, homosexual, and others) are studied, along with historical, anthropological, and moral perspectives. 3 credits. Every semester; day. Offered as needed in the evening.

PSY 225/HS 305 Coping with Stress

This interdisciplinary course explores theories, research, and techniques related to the impact and management of stress. Emphasis upon the application of stress reduction techniques through class exercises in progressive muscle relaxation, autogenic and imagery training, systematic desensitization, assertiveness training, time management, and problem solving. 3 credits. Every semester; day or evening.

PSY 230/ED 202 Educational Psychology

A study of the application of psychological theory and research to educational practice from a developmental perspective. Topics include: human growth and development, learning theory, teaching effectiveness, and differentiating instruction and classroom management. Technology-assisted education. A grade of *B* or higher in this course is required for admission into the teacher education program. Prerequisite: Cumulative index 2.75 or higher. Field Experience: 15 hours. 3 credits. Fall semester; day and evening.

PSY 231/ED 402 Assessment and Evaluation

An introduction to statistical methodology, reliability, and validity applied to formal and informal assessment techniques in the classroom. Development and use of rubrics across the curriculum. Evaluation of high stakes testing programs related to local, state, and national curriculum and learning standards. Prerequisite: A grade of *B* or higher in ED 201 and ED 202; student has passed the LAST test. Field Experience: 15 hours. 3 credits. Every semester; day and evening.

PSY 300 Statistical Methods in Psychology

Intended for sophomores. The use of statistics in psychology; descriptive and inferential techniques, prediction, and tests of significance. Use of computers in statistical analysis is emphasized. Prerequisite: MAT 070 or placement exam and PSY 101. Three lectures and one lab hour per week. Lab fee. 4 credits; Every semester; day.

PSY 301/HS 301 Health Counseling

Not intended for psychology majors. This interdisciplinary course focuses on both issues and techniques of health counseling. It investigates ways in which a health professional can detect needs of clients and work cooperatively to foster better health. It explores the helping relationship's impact on health behavior. 3 credits. Offered as needed; day or evening.

PSY 307 Theories of Personality

A comparison of major personality theories with special focus on personality development and personality structure. Prerequisite: Three PSY courses. 3 credits. Fall semester; day and evening. Spring semester; offered as needed.

PSY 312 Social Psychology

Selected topics in conformity, obedience, sexual attitudes and behavior, aggression, prejudice, and the contrast between biological and social views of human nature. Prerequisite: PSY 101. 3 credits. Fall semester; day and evening. Spring semester; offered as needed.

PSY 313 Group Dynamics

An introduction to group processes. Emphasis is placed upon individual members' psychological functioning. Students engage in classroom activities that demonstrate styles and methods of group interaction. 3 credits; Spring and summer semesters; day and evening.

PSY 317 Industrial and Organizational Psychology

Psychological theories, methods, research, and specific applications concerning work behavior are discussed. Topics include selection and evaluation of personnel, training and development, leadership, work motivation, psychological conditions of work, consumer psychology, and the role of psychologists in business environments. 3 credits. Offered as needed; day and evening.

PSY 329 Psychology of Women

A general survey of the role of women and current modes of psychological adjustment in the face of our changing social structure. 3 credits. Offered as needed; day.

PSY 330/CJ 3070 Addictions I

Review of research and theories concerning all forms of addiction, including drug, alcohol, gambling, and sex addictions. Prerequisite: SOC 1000. 3 credits. Offered as needed.

PSY 331/CJ 3075 Addictions II

Review of therapeutic techniques for all forms of addictive behavior. Outside resources are used to supplement class materials. Prerequisite: PSY 330/CJ 3070. 3 credits. Offered as needed.

PSY 333/ED 204 Psychology of the Exceptional Child

Considers the physical, intellectual, emotional, and social characteristics of the atypical child. It explores discrepancies in growth and development, learning disabilities, behavioral and societal problems of the gifted and handicapped, and the implications for curriculum and instruction to meet and exceed state and local learning standards. This course fulfills part of the Special Education requirement for NY State Certification and New York City teaching licenses. Prerequisite: Cumulative index 2.75 or higher. Field Experience: 15 hours. 3 credits. Every semester, including summer; day and, evening.

PSY 352/REL 352 Images of Human Nature in Western, Indigenous, and Eastern Cultures I (Honors)

Students are exposed to conceptions of human nature as they have existed in Eastern and Western cultures. The seminar focuses upon universal aspects of human experience and unique historical and cultural conceptions of human identity. These conceptions may be expressed in art, myths, literature, sacred books, philosophical or political treatises, and are reflected in day-to-day living. The seminar is team taught, stresses broad interdisciplinary perspectives, and emphasizes original readings. Visits to plays, operas, movies, and museums are integral to the seminar. Open only to Honors students. 3 credits per semester. Offered as needed; day.

PSY 353/REL 353 Images of Human Nature in Western, Indigenous, and Eastern Cultures II (Honors)

A continuation of PSY 352/REL 352. Prerequisite: PSY 352/REL 352. 3 credits. Offered as needed; day.

PSY 370/SOC 3370 Gender Roles in Cross-Cultural Perspectives

This course reviews changing gender roles, gender differences, sexuality, kinship systems, gender-typed status hierarchies, cultural perceptions of the nature of men and women, biological differences, and socialization and parenting practices across cultures. Special emphasis is placed on multidisciplinary approaches, in-depth investigations of gender roles in specific societies, and the value of a global perspective on gender roles. Prerequisites: PSY 100 and SOC 1000. 3 credits. Offered as needed.

PSY 380/ICS 380 Cross-Cultural Psychology and Communication

An introduction to the theories, methods, and findings of cross-cultural psychology, with special attention given to communication and encounters between members of different cultures. Socialization, moral and personality development, gender roles, abnormal behavior, belief systems, culture contact, culture change and problems of identity in and across societies are considered. Prerequisite: ICS 241 or PSY 203 or higher. 3 credits. Spring semester 2005; day.

PSY 409 Abnormal Psychology

Study of maladaptive behavior focusing on emotions, social behavior, thoughts, and treatment. Emphasis is placed upon the consideration of biological, psychosocial, and socio-cultural viewpoints of abnormal behavior. Prerequisite: PSY 101 and PSY 203. 3 credits. Every semester; day. Offered as needed; evening.

PSY 411 History and Systems of Psychology

The history of modern psychology since the 17th century. Emphasis is placed upon the major schools of thought including structuralism, functionalism, behaviorism, psychoanalysis, and humanistic psychology. Prerequisite: PSY 101 and two PSY electives. 3 credits. Fall semester; day. Offered evenings and other semesters as needed.

PSY 415 Clinical and Counseling Psychology

A survey course dealing with the fields of clinical and counseling psychology. Areas covered include the historical record of these disciplines, diagnosis and assessment, and approaches to therapeutic interventions. Students are required to fulfill a 24-hour introductory field placement within a clinical or counseling setting. Prerequisites: PSY 409. 3 credits. Offered as needed; day.

PSY 416 Experimental Psychology I

Research methodology emphasizing experimental design. Students learn how to conduct and report upon experimental research. This course partially satisfies the requirement for the senior thesis in psychology. Prerequisite: PSY 300. Three lecture and one recitation hour per week. 4 credits. Fall semester; day.

PSY 417 Experimental Psychology II

Research techniques applied in the laboratory and in the field. Students choose a major research topic to investigate. They then conduct research, including a literature review, development of research procedures, gathering of appropriate subjects, collection of data, statistical analysis, and a significant research report guided by the APA publication style. Students also present their projects at a Psychology Science Fair held each spring semester at the College. This course satisfies the requirement for the senior thesis in psychology. Prerequisite: PSY 416. Three lectures and one lab hour per week. 4 credits. Spring semester; day.

PSY 420 Applied Psychology

Supervised experience in selected applied settings, including schools, hospitals, community clinics, social service agencies, city and federal forensic agencies, and business settings. Open to junior or senior psychology majors. Lectures inform students about career choices in psychology and related disciplines. Two lecture hours per week. A 100-hour supervised field experience is required. 4 credits. Every semester; day.

PSY 421, 422 Field Experience in Psychology I, II

Observation and supervised experience within selected applied settings. Prerequisite: PSY 420. 1-3 credits per semester. Every semester; day.

PSY 455, 456 Independent Research in Psychology I, II

Individual investigation into a topic of research in psychology under the direction of a faculty member of the department. Prerequisite: PSY 417 and approval of the department Chairperson. 3 credits. Every semester; day.

PSY 460 Brain and Behavior

Study of the brain and other parts of the nervous system. Topics include the organizational structure of the nervous system, and neurological influences upon learning, memory, motivation, emotion, sleep and arousal, and mental illness. Prerequisite: PSY 101 and two PSY electives. 3 credits. Fall semester; day. Offered as needed other semesters.

PSY 470 Seminar in Psychology

This course covers one particular topic for each section offered. Topics include but are not limited to the psychology of multiculturalism, cross-cultural and international psychology, school psychology, clinical and counseling psychology, health psychology, and forensic psychology. Topics are chosen to reflect both the interests of the students and current areas of concern in psychology. Students are allowed to take two seminar courses. Prerequisites: Four PSY courses. 3 credits. Spring semester; day. Offered as needed other semesters and in the evening.

Religious Studies [REL] Courses

The core curriculum requirement in Religious Studies is satisfied by completing one of the following courses: REL 101 or any 200-level course. For specific course information, contact the Religious Studies department in room 6008 or call (718) 489-5235.

REL 101 Survey of the World's Religions

An introduction to the beliefs and practices of the world's religions, including traditions of indigenous peoples, religions originating in India (Hinduism, Buddhism, Jainism, Sikhism), in China and Japan (Confucianism, Taoism, Shinto), and Abrahamic religions (Judaism, Christianity, Islam). 3 credits. Every semester; day. Offered in the evening, spring semester 2004.

REL 202 Central Themes of the Old Testament

A study of representative selections from the Pentateuch (the five books of Moses) as well as the historical, wisdom, and prophetic literature of the Old Testament. Literary and historical criticism are used to gain understanding of basic elements of Hebrew biblical faith and practice. Problems and methods of the interpretation of scripture are explored. 3 credits. Fall semester; day.

REL 203 Central Themes of the New Testament

A study of representative selections from the different types of literature found in the New Testament. Literary and historical criticism are used to gain understanding of basic elements of the faith and practice of the earliest Christians. The synoptic Gospels, the Johannine literature, the letters of Paul, and the book of Acts are emphasized. Problems and methods of the interpretation of scripture are explored. 3 credits. Spring semester; day. Offered in the evening, spring semester 2005.

REL 204 Contemporary Moral Issues

Study of moral issues that are of current importance and Christian ethics on these issues. Selected topics include abortion, new reproductive technologies, genetic research, physician-assisted suicide and euthanasia, the death penalty, sexual ethics, race, war and nonviolence, and the environment. Student participation, analysis, and discussion. Prerequisite: Sophomore standing. 3 credits. Every semester; day. Offered in the evening, spring semester 2005.

REL 205 Moral Values and Health Issues

A study of important moral issues which arise in the practice of the health professions. These include abortion, genetic research, physician-assisted suicide and euthanasia, transplant and sale of organs, and ethical aspects of the doctor-patient relationship. Allocation of resources for health care and the role and ethical nature of the health professions within society as a whole are considered. 3 credits. Fall semester; evening.

REL 212 The Christian Tradition

A historical introduction to Christianity, from Christian beginnings through the Middle Ages and the Protestant Reformation to Christianity in the modern world, covering major doctrinal and historical developments. 3 credits. Every semester; day.

REL 220 Catholic Theology

An introduction to Roman Catholic theology, including sources of the tradition and recent history. The course gives attention to the early Church and important figures including St. Augustine, St. Thomas Aquinas, and others. It also covers teachings of modern Popes, the Second Vatican Council, the new Catechism, and major Catholic theologians of the 20th century, examining basic themes and the Church's response to critical contemporary issues. 3 credits. Fall semester; day.

REL 234 The American Religious Experience

An inquiry into the mutual interaction of religion and culture in American society, including aspects of Catholicism, Protestantism, and Judaism. Attention is given to distinctly American forms of religion, including the Black churches, Native American religions, sectarian movements, and American religious pluralism. 3 credits. Offered as needed; day.

REL 245 Judaism

An introduction to Judaism concentrating on teachings (creation, revelation, and redemption), values, customs, rituals, and liturgy that define it as a religion as well as the texts (Torah, Talmud) and institutions (Yeshiva, Synagogue) in which they are preserved and the role played by historical circumstances in shaping them. Attention is paid to major Jewish movements (Orthodox, Hasidic, Conservative, and Reform). 3 credits. Offered as needed; day.

REL 246 Islam

An introduction to Islam taught in historical perspective from the life of the Prophet Muhammad, the Qur'an and Traditions, early leadership and the expansion of Islam, Shi'ai Islam, Sufism and Islam in Asia, Africa, and the Americas. Attention is given to the Islamic movement and its impact on international affairs as well as other contemporary issues. 3 credits. Offered as needed; day.

REL 251 Religions of Africa and the African Diaspora

A study of the religions of African peoples and peoples of African origin. These include major themes of traditional African religions and studies of selected African cultures and the history and influence of Islam and Christianity in Africa. The course deals with forms taken by African religions in the Americas, including African-American Islam and African-American Christianity. 3 credits. Offered as needed; day.

REL 252 Religions of Asia

An introduction taught in historical perspective of South and East Asia religions, including Hinduism, Buddhism, Jainism, and Sikhism in India and Confucianism, Taoism, and Shinto in China and Japan. The course deals with major concepts and practices of these traditions and modern developments, including the rise of new religious movements. 3 credits. Offered as needed; day.

REL 300 Special Topics in Religious Studies

In-depth study of special topics to be announced. Prerequisite: Any 100- or 200-level REL course. 3 credits. Offered as needed; day.

REL 308/PHI 3308 Introduction to Jewish Thought

The Western tradition can be viewed as the encounter of two seemingly irreconcilable ways of understanding the world: philosophy and faith. The former relies on the autonomous exercise of the speculative mind; the latter trusts revelation as the ultimate source of authority and truth. This course examines the Jewish philosophical tradition in light of philosophy and faith and explores whether or not the two are indeed irreconcilable. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed; day.

REL 309 The Environmental Crisis and the World's Religions

Students in this seminar explore the response of the world's religious traditions to the crisis of the environment, including the destruction and pollution of the natural world, the extinction of species, and the over-consumption of resources. First, what do religions have to say about the value of nature and non-human living beings and the ethics of human actions affecting nature? Second, what are religious communities actually doing today to solve environmental problems? The seminar considers Judaism; Christianity; Islam; the religions of India, China, and Japan; and Native American as well as other indigenous religious traditions. Open only to Honors students. 3 credits. Offered as needed; day.

REL 350/SCI 5001 Religion and Science: History, Method, Dialogue

An interdisciplinary team-taught Honors seminar that explores the dialogue that is occurring between scientists and theologians. It examines the historical context of the methods of inquiry used in the sciences and those used in religion and the similarities and differences between them. Included are varied case studies where scientists and theologians are engaged in dialogue. Open only to Honors students. 3 credits. Offered as needed; day.

REL 351 Christian Ethics: An Honors Seminar

Students in this seminar study key works of important recent and contemporary Christian theologians in the field of ethics in the Roman Catholic, Protestant, and Orthodox Christian traditions. The course focuses on methods and central concerns of each theologian such as how do we arrive at moral judgments? What ethical questions are most important in the Christian moral life? The roles of scripture, tradition, reason, and experience in theological ethics shape the inquiry. The course attempts to assess the contribution of each author studied to Christian ethics. Open only to Honors students. 3 credits. Offered as needed; day.

REL 352/PSY 352 Images of Human Nature in Western, Indigenous, and Eastern Cultures I (Honors)

Students are exposed to conceptions of human nature as they have existed in Eastern and Western cultures. The seminar focuses upon universal aspects of human experience and unique historical and cultural conceptions of human identity. These conceptions may be expressed in art, myths, literature, sacred books, philosophical or political treatises, and are reflected in day-to-day living. The seminar is team taught, stresses broad interdisciplinary perspectives, and emphasizes original readings. Visits to plays, operas, movies, and museums are integral to the seminar. Open only to Honors students. 3 credits per semester. Offered as needed; day.

REL 353/PSY 353 Images of Human Nature in Western, Indigenous, and Eastern Cultures II (Honors)

A continuation of REL 352/PSY 352. Prerequisite: REL 352/PSY 352. 3 credits. Offered as needed; day.

REL 354/PHI 3354 The Holocaust and Forgiveness: Looking in the Abyss

Forgiveness is not a theoretical attitude—it is a decision that one must make. To make this decision in a properly informed way, it is necessary to reflect on the evil against which the possibility of forgiveness is to be measured, and what—if anything—would constitute repentance for such an evil. This course examines the efforts to address these matters with respect to the Holocaust. Among the questions to be considered are: What was the evil of Nazism? Why does it remain a source of fascination? Is it possible for Germany to repent of its past? Is forgiveness possible after Auschwitz? Prerequisite: Any 100- or 200-level REL course. 3 credits. 3 credits. Offered as needed; day.

REL 375 Approaches to the Study of Religion

A study of the main methods of the modern study of religion including the history of religions, sociology, psychology, and philosophical and theological approaches. The study is conducted through reading the writings of major scholars of religion. The course is taught in seminar format. Prerequisite: Any 100- or 200-level REL course. 3 credits. Offered as needed; day.

REL 400 Seminar

The course deals intensively in seminar format with specific subjects that are announced. May be taken more than once. Prerequisite: Any 100- or 200-level REL course. 3 credits. Offered as needed; day.

REL 401 Independent Study

Directed research in a Religious Studies topic selected by the student. Prerequisite: Nine credits of REL, junior or senior standing, and Chairperson's approval. May be taken more than once. 1-3 credits. Offered as needed; day.

Radiologic Science [RS] Courses

For specific course information, contact the Biology department in room 4318 or call (718) 489-5324.

RS 101 Introduction to Radiologic Sciences and Radiation Protection

An introduction to the field of radiologic sciences, including the significance of radiation protection. 1 credit.

RS 102 Ethics and Law in the Radiologic Sciences

An introduction to radiographer standards that promote professional conduct. Studies involve patients' rights and the respective role of the radiographer, including introductory law in the radiologic sciences, elements of malpractice, and causes of actions. Employment issues, contracts, litigation process, and the radiographer's responsibility in health care delivery are also discussed. 1 credit.

RS 103 Radiologic Sciences, Patient Care, and Contrast Media

This unit provides students with the basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency patient care procedures are described as well as infection control procedures utilizing universal precautions. The role of the radiographer in patient education is identified. This also includes a systematic study of radiographic contrast agents as they apply to specific regions and systems of the body. 3 credits.

RS 104 Medical Terminology

Recognition of medical terminology elements: prefixes, suffixes, and root words in singular and plural forms; spelling of words classified as homonyms; terms applied to special examinations; interpretation of abbreviations and symbols; correct pronunciation of medical terms; terms associated with radiographic positions, landmarks, and all systems of the body. 3 credits.

RS 105 Advanced Radiation Protection

Explains at a more advanced level the need for radiation protection, biological effects of ionizing radiation, patient protection, personnel radiation monitoring, radiation measuring instrumentation, applicable laws, and protection in related fields (nuclear medicine and therapy). 2 credits.

RS 106, 107, 108 Radiographic Anatomy and Procedures I, II, III

These courses provide the skills to perform radiographic examinations. Body positions, positioning terms, positioning aids, contrast media, and their application to positioning are discussed. Methods of producing quality radiographs are discussed. Laboratory and clinical application of theoretical and practical concepts are performed where applicable. Areas studied include the skeletal system and major systems. Methods employed for pediatric and geriatric examinations are studied and discussed. RS 106: 3 credits. Fall semester; RS 107: 3 credits. Spring semester; RS 108: 3 credits. Fall semester.

RS 109 Radiographic Procedures IV (Special Imaging)

This course acquaints the student with the specialized and highly technical procedures in radiography, the equipment and the contrast media used, and the preparation and general indications for each examination. 2 credits.

RS 110, 111, 112, 113 Evaluation of Radiographs I, II, III, IV

These units provide the student with knowledge necessary to evaluate radiographic examination and identify and recognize their diagnostic qualities. Film evaluation combines knowledge and skills from multiple didactic units, laboratory assignments, and clinical evaluation. Areas that influence evaluation of radiographs are discussed. RS 110: 1 credit, fall semester; RS 111: 2 credits, spring semester; RS 112: 2 credits, fall semester; RS 113: 2 credits, spring semester.

RS 114, 115, 116 Radiation Physics

This course provides the student with the knowledge of basic physics, mechanics, structure of matter, basic electricity, magnetism, electromagnetism, electrical physics, radiation physics, and basic x-ray circuitry. Information regarding x-ray production, x-ray interaction with matter, aspects of emission spectrum, and units of measurement is provided. Also included is a review of fundamental principles of mathematics essential for mastering various phases of radiologic physics and medical imaging. 9 credits.

RS 117, 118, 119 Medical Imaging (PRE) I, II, III

These courses acquaint the student with film identification systems available in radiography and stress the medico-legal value of proper identification on the radiographs. They also provide comprehensive analysis of the factors that govern and influence the production of the radiograph and the direct effect of these factors on radiographic quality and patient dose. Students practice manipulating the prime exposure factors by completing problems and radiographic experiments. Stress on the purpose and importance of technique formation and the various types of technique stems. Each course is 1 credit. RS 117, fall semester; RS 118, spring semester; RS 119, fall semester.

RS 120 Radiographic Processing Technique

A course designed so that the student can understand all components involved in film processing. 1 credit.

RS 121 Imaging Equipment

This course enables the student to distinguish differences between modes of imaging systems and to analyze the different types of image intensification systems. It explains the advantages of image intensification and discusses new types of imaging modalities. 2 credits.

RS 122 Radiation Biology

This course provides an overview of the principles of the interaction of radiation with living systems. Correlates concepts studied in physics, biology, and physiology and offers an understanding of the effects of radiation on living organisms. Acute and chronic effects of radiation are discussed. 2 credits.

RS 123 Pathophysiology

This course provides the information on structure, function, and development of disease in the body. Emphasis is on physiology, the progress of diseases, and clinical application, illustrated with radiographs. 3 credits.

RS 124 Introduction to Quality Improvement

This course stresses the importance of quality control in today's radiology department and analyzes methods of enhancing image quality within a range of variables. It also discusses effective testing and correction of image quality. The components involved in the quality improvement system are identified. State, federal, and professional impacts are described. 1 credit.

RS 125, 126, 127 Clinical Education I, II, III

A well-designed and developed competency-based clinical education in which the student has an active role in developing the skills required to administer quality patient care services. This component demonstrates integration and correlation with the didactic component and also includes cognitive, psychomotor, and effective capabilities of the student. The system provides objective evaluation of each competency, using a consistent method to measure student success. RS 125: 2 credits, fall semester; RS 126: 3 credits, spring semester; RS 127 4 credits, fall semester.

RS 128 Clinical Education IV

This area of clinical education establishes anatomic and clinical orientation, with sectional anatomy information necessary to meet the needs of special imaging examinations. These special imaging areas include mammography and CT/MRI. 2 credits.

RS 129 Pharmacology and Drug Administration

This unit provides pharmacology concepts, venipuncture theory and practice, and the administration of diagnostic contrast agents and/or intravenous medications, with emphasis on appropriate delivery of patient care during these procedures. 2 credits.

Science [SCI] Courses

For specific course information, contact the Chemistry and Physics department in room 7202 or call (718) 489-5295.

SCI 1001 General Earth Science I

A study of the Solar System, basic concepts of climate, study of the structure and composition of the Earth. Two lectures and two hours of laboratory and demonstration each week. Lab fee. 3 credits. Every fall; day.

SCI 1002 General Earth Science II

Continuation of SCI 1001. Prerequisite: SCI 1001. Lab fee. 3 credits. Every spring; day.

SCI 1101 Oceanography

A study of the sea from biological, chemical, geological, and physical viewpoints; ocean sediments and their origins; composition of sea water; currents, tides, beaches, waves, and economic potential of oceans; exploration as an energy source. 3 credits. Fall or spring semester as needed; evening.

SCI 1201 Astronomy

A non-mathematical introduction to astronomy. Includes the history of astronomy; apparent motion of the Sun, planets, moon, and stars; gravitational and planetary orbits; composition of the Earth and its atmosphere; exploration of the Solar System; properties of stars; star formation and stellar evolution; cosmological origin and evaluation of the universe; and likelihood of extraterrestrial life. 3 credits. Fall or spring semester as needed; evening.

SCI 1301 Environmental Science

The ecology of natural systems; resources and energy; formation and consumption of fossil fuels, nuclear energy, and the environment; pollution; the problems associated with air and water pollution; solid waste; noise; legal and economic verifications of governmental policy towards pollution. 3 credits. Fall or spring semester as needed.

SCI 5001/REL 350 Religion and Science: History, Method, Dialogue

An interdisciplinary, team-taught honors seminar that explores the dialogue that is occurring between scientists and theologians. It examines the historical context of the methods of inquiry used in the sciences and those used in religion and the similarities and differences between them. Included are varied case studies where scientists and theologians are engaged in dialogue. Open only to Honors students. 3 credits. Offered as needed; day.

St. Francis College [SFC] Courses

For specific course information, contact the Freshman Studies department in room 3006 or call (718) 489-5312.

SFC 0040 Reading, Writing, and Study Skills Workshop

Based on placement tests, this course helps native and non-native speakers develop the skills needed to meet the demands of academic English. Students learn reading, writing, and study skills in a variety of activities designed to stimulate discussion. The workshop is offered three hours a week. No credit. Every semester, day.

SFC 1001 Freshman Seminar

Required for all first-time, full-time students and meets once each week. Describes campus resources and lays the groundwork for choosing majors and planning careers as well as organizing academic plans for the completion of a bachelor's degree. It also helps students develop college-level academic and study skills, eases the transition from high school to college, and generally helps students feel connected to the College and campus. Offered on a pass/fail basis. 1 credit. Every semester; day.

Sociology [SOC] Courses

For specific course information, contact the Sociology and Criminal Justice department in room 3201 or call (718) 489-5435.

SOC 1000 Principles of Sociology

An analysis of the basic structure and dynamics of society; social interaction, social organization, social change, social processes; a summary of ideas of seminal sociologists. This course is a prerequisite for all Sociology courses and for CJ 2010. 3 credits. Every semester.

SOC 1020/CJ 1020 Introduction to Criminal Justice

This course introduces the student to the structure, operations, and philosophy of the American system of criminal justice. 3 credits. Every semester.

SOC 2000 Social Problems

An inquiry into the nature of social problems, both causes and consequences within a complex industrial society from a sociological perspective. Special emphasis is given to problems of contemporary American society and current events. Prerequisite: SOC 1000. 3 credits. Every semester.

SOC 2010/CJ 2010 Criminology

The course explores the study of crime causation, primarily from a sociological perspective. Students are introduced to theories that explain the patterns of criminal and delinquent behavior in contemporary society. Prerequisite: SOC 1000. 3 credits. Every semester.

SOC 2030 Introduction to Social Work

Designed to introduce students to the field of social work; deals with the history and philosophy of social work; analyzes the three major areas of social work: case work, group work, and community organization; and describes the major programs for special client groups: families, children, the elderly, the mentally ill, the handicapped, etc. Students are also introduced to the field of counseling and different therapeutic strategies. Prerequisite: SOC 1000. 3 credits. Fall semester.

SOC 2040 Social Anthropology

An inquiry into the concept of culture as applied to both simple and complex societies; the ethnology of pre-literate peoples with emphasis on social, economic, and political organization. Prerequisite: SOC 1000. 3 credits. Offered as needed.

SOC 2050 Sociology of Communication

This course examines primary and secondary communication systems; language in socialization, social organization, and social control; theories of communication; modern mass communication media; and structure, content, and effects. Prerequisite: SOC 1000. 3 credits. Offered as needed.

SOC 2060/CJ 2060 Child Welfare

This course traces the development of rights of the child in relation to parental rights; explores the methods of care of dependent and neglected children in their own homes, foster homes, and institutions; and reviews the adoption process and the social trends toward integration in family and child care. Prerequisite: SOC 1000. 3 credits. Spring semester.

SOC 2070/CJ 2070 Sociology of Minority Groups

The course analyzes interactions among racial, ethnic, and religious groups in the U.S., including the study of the structure, dynamics, and problems in this topic. Prerequisites: SOC 1000 and CJ 1020/SOC 1020. 3 credits. Every semester.

SOC 2080 Conflict Resolution

This seminar course applies theories of conflict resolution to case studies of interpersonal and inter-group conflicts; surveys major traditions of non-violence, and studies approaches to conflict

resolution, with an emphasis on methods of mediation. Prerequisite: SOC 1000. 3 credits. Offered as needed.

SOC 3010 Sociology of the Family

This course explores the structure and functions of the family; comparison of families in primitive and industrial societies to demonstrate the nature of problems associated with institutional change and civilization processes. Prerequisite: SOC 1000. 3 credits. Offered as needed.

SOC 3020 Theory and History of Sociology

A systematic survey of the growth of sociological theory; a study of influential individuals and representative schools from Auguste Comte to the present day. Prerequisite: SOC 1000. Junior or senior standing. 3 credits. Fall semester.

SOC 3030 Sociology of Religion

A sociological approach to the institution of religion. The role, development, and emergence of religions are critically analyzed. Special emphasis is given to conversion and religious consciousness in industrialized and modernized cultures. Prerequisite: SOC 1000. 3 credits. Offered as needed.

SOC 3040 Complex Organizations: Structure and Process

The course examines ways the structures and processes of business, government, social welfare, education, medicine, voluntary, and other organizations contribute to dynamics such as power and conflict, leadership and decision-making, communication and change. Prerequisite: SOC 1000. 3 credits. Offered as needed.

SOC 3050/ICS 307 Caribbean Culture and Society

The societies of the English-, French-, and Dutch-speaking Caribbean are the outcome of mass movements of population through slavery, indenture, and migration. This course examines important aspects of the complex cultural variants that have resulted against the background of the economic, social, and political forces that produced them. Another focus is on issues that form contemporary Caribbean society, such as the impact of tourism, poverty, emigration, links with America and Europe, problems of ethnic and racial identity, and pressures on women and the family. Prerequisite: SOC 1000. 3 credits. Offered as needed.

SOC 3060/CJ 3060 Law and Society

This course explores the socio-historical roots of law in a comparative manner. Law is examined from a variety of theoretical perspectives. The organization of law, its role in conflict resolution, social control, and social change are examined. Prerequisite: SOC 1000. 3 credits. Fall semester.

SOC 3370/PSY 370 Gender Roles in Cross-Cultural Perspectives

This course reviews changing gender roles, gender differences, sexuality, kinship systems, gender-typed status hierarchies, cultural perceptions of the nature of men and women, biological differences, and socialization and parenting practices across cultures. Special emphasis is placed on multidisciplinary approaches, in-depth investigations of gender roles in specific societies, and the value of a global perspective on gender roles. Prerequisites: PSY 100 and SOC 1000. 3 credits. Offered as needed.

SOC 4000-4199 Special Topics in Sociology

This course explores specific, identified topics in the discipline of sociology. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. 3 credits. Offered as needed.

SOC 4210 Social Research Methods

This course introduces students to the methods and techniques of sociological research. The stages of research are described. Prerequisite: SOC 1000. 3 credits. Fall semester.

SOC 4220 Quantitative Methods for Sociology

In this course, students are instructed in the use of specific statistical measures, the rationales for their use, and the limitations of statistical inference and the computation of data. Prerequisite: SOC 4210 recommended. 3 credits. Spring semester.

SOC 4990 Internship

Interns are matched with approved organizations that provide exposure to applied sociology. Approval of the department Chairperson is required. Prerequisites: SOC 4210; junior or senior standing. 1-3 credits. Offered as needed.

SOC 4991 Social Work Practicum I

Students are given the opportunity to work as interns in a social work-related field. In addition, students participate in the classroom environment where they integrate their field work experience with their theoretical study. Prerequisites: SOC 2030; junior or senior standing. 3 credits. Offered as needed.

SOC 4992 Social Work Practicum II

Students are expected to continue to work as interns in a social work-related site. Students continue to participate in the classroom environment where they integrate their field work experience with their theoretical study. Pre- or co-requisite: SOC 4991. 3 credits. Offered as needed.

SOC 4995 Independent Study

Individual research or field work under the direction of a faculty member with the approval of the department Chairperson. Prerequisites: SOC 1000; junior or senior standing. 1-3 credits. Offered as needed.

SOC 4998 Sociology Senior Seminar

A coordinating seminar designed solely for senior Sociology majors to integrate sociological knowledge as well as consider sociology's scientific status, the place of values in the study of society, and the relationship of sociology to other academic fields. Prerequisites: SOC 4220 and senior standing. 3 credits. Spring semester.

SOC 5010 Contemporary Migration (Honors)

Honors seminar. This course takes a multidisciplinary approach to the study of contemporary migration. The major focus is on the United States with an international context. Migration is related to many central issues for contemporary society, such as international relations, the development of cities, urban politics,

social policy, citizenship, and racial and ethnic identity. Prerequisite: SOC 1000. 3 credits. Offered as needed.

SOC 5400-5499 Honors Topics in Sociology

This course explores specific, identified topics in the discipline of sociology. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. Open to Honors students only. 3 credits. Offered as needed; day.

Spanish [SPA] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 6004 or call (718) 489-5325.

SPA 101 Beginning Spanish I

A beginning course in spoken and written Spanish with emphasis on oral expression. Students learn basic language skills while learning about Spanish culture. Oral practice in the classroom combined with a solid foundation of grammar and vocabulary prepare students for advanced training in speaking, listening, reading, and writing. For students who are beginning Spanish and for those who have studied Spanish for no more than two years in high school. Bilingual students will not receive credit for this course. A placement exam in Spanish is available to students who have taken 3 or more years of high school Spanish. 3 credits. Every fall; day and evening.

SPA 102 Beginning Spanish II

Continuation of SPA 101. Bilingual students will not receive credit for this course. Prerequisite: SPA 101. 3 credits. Every fall; day and evening.

SPA 103 Second Year Spanish I

The control of elementary audio-lingual skills and their further development; emphasis on developing reading skills. Prerequisite: SPA 102 or three years of language reading and conversation in high school or passing a placement test (see Chairperson). 3 credits. Every fall; day.

SPA 104 Second Year Spanish II

Continuation of SPA 103. Prerequisite: SPA 103. 3 credits. Every spring; day.

SPA 105 Spanish for Bilingual Students

An in-depth study of Spanish grammar with emphasis on reading and writing for students proficient in spoken Spanish whose formal education has been in English. Vocabulary and critical thinking are developed through literary and cultural readings and put into practice in class discussions and compositions. 3 credits. Fall semester; day

SPA 115 Conversation in Spanish

A conversation course based on everyday topics and readings from a wide range of literary and non-literary sources. Prerequisite: SPA 104 or SPA 105. 3 credits. Spring semester; day.

SPA 117 Basic Conversational Spanish for Education I

A course designed for majors in education programs to promote the attainment of audio-lingual skills in the Spanish language; specifically, speaking and understanding the language at a level appropriate for daily conversation in and around the classroom. Bilingual students and those with more than two years of high school Spanish will not receive credit for this course. They should seek placement in the appropriate advanced Spanish courses by the Chairperson. 3 credits. Offered as needed.

SPA 118 Basic Conversational Spanish for Education II

Continuation of SPA 117. Prerequisite: SPA 117. 3 credits. Offered as needed.

SPA 119, 120 Spanish for Business I, II

Intended to promote speaking, understanding, and reading skills in the Spanish language used in daily communications within the business world. Also an exploration of the cultural practices, customs, and traditions of the Latin American business and social world. A comparison is made with the same practices in the U.S. 3 credits. Offered as needed.

SPA 129, 130 Spanish for Medical Personnel I, II

Intended to promote speaking and understanding skills in the Spanish language used in daily communication within the medical field. The Hispanic cultural world is presented in relation to the medical profession. Practical experience is gained through classroom exercises. 3 credits. Offered as needed.

SPA 201, 202 Contemporary Readings of Spain and Latin America I, II

Reading and discussion of major works of Spanish and Latin American literature. Prerequisite: SPA 104. 3 credits. SPA 201 in fall; SPA 202 in spring; day.

SPA 302 Contemporary Spanish Literature from 1898 to Present

A study of the outstanding authors of the 20th century and their works. Prerequisite: SPA 202. 3 credits. Fall semester 2005; day.

SPA 305, 306 History of Spanish-American Literature I, II

Selections from principal Spanish-American writers from the 16th century to the present. Prerequisite: SPA 104. 3 credits. SPA 305 in spring 2006; SPA 306 in fall 2006; day.

SPA 308 Advanced Spanish Conversation

A course to develop the technique and vocabulary of discussion as a supplement to expression in the areas of expertise. Prerequisite: SPA 202. 3 credits. Fall semester 2005; day.

SPA 402/ICS 315 Spanish Civilization and Culture

A study of the characteristics of Spanish culture based upon anthropological and sociological studies, humanistic and sci-

entific contributions to civilization, reading and reports. Prerequisite: ICS 240 and ICS 241. 3 credits. Fall semester 2006; day.

SPA 407 Cervantes

An analysis of Cervantes's works and their importance in the literature of the Siglo de Oro; readings and discussions; reports. Prerequisite: SPA 202. 3 credits. Spring semester 2006; day.

SPA 411 Latin American Nobel Laureates in Literature

In 1945, Gabriela Mistral, a Chilean poet, was the first Latin American to win the Nobel Laureate for literature. Subsequently, several Latin American authors have been recognized internationally for their literary accomplishments. In this course we read, listen to, and view works of prose, poetry, and drama from Latin American Nobel Laureates. 3 credits. Spring semester 2007; day.

SPA 414 Hispanic Caribbean Culture and Literature

A study and analysis of the culture and literature of the Hispanic ethnic groups living in metropolitan New York, the West Coast, Southwest and South Florida, including Puerto Ricans, Cubans, Dominicans, Mexicans, Central and South Americans. The course explores their contributions to literature, art, music, and film. 3 credits. Fall semester 2006; day.

SPA 415 Puerto Rican Literature: Ethnicity and National Identity in Poetry, Fiction, and Essays

Readings and discussions on the culture and history of Puerto Rico and its development in contemporary times. Topics on the relations between national identity, literature, and politics is presented for discussion. 3 credits. Spring semester 2007; day.

SPA 417 The Visual Arts in Latin American Culture

A study of Latin American painting and film in relation to the emergence of national identities and values. This course is devoted to the works of some of the most important Latin American artists, writers, and directors. 3 credits. Offered as needed.

SPA 419 Travel and Study in Spain, Latin America, or the Caribbean

Offered in conjunction with a trip to Spain, Portugal, Latin America, or the Caribbean coordinated by the department. Travel experience is supplemented by lectures before and during the trip. Each student also prepares a research paper on a topic approved by the instructor. 3 credits. Offered as needed.

SPA 500 Independent Study in Spanish

A research and reading project, agreed upon by professor and student, is carried out under the professor's supervision. The student's progress is monitored by regular meetings and reports. Evaluation by means of any of several methods: examinations, written assignments, term papers, oral reports. May be taken only with the approval of the Chairperson. 1-3 credits. Offered as needed.

SPA 501 Senior Thesis

This thesis course is designed to lead the student through the entire process of preparing a senior thesis on a topic in Spanish culture or language resulting in the completion of a paper of at least 35 pages. The thesis will not be accepted unless correct form is used throughout, following the guidelines of the *MLA Handbook*. High standards of grammar, punctuation, and spelling apply. The student must choose a topic and mentor with the approval of the Chairperson of the department and meet regularly with the mentor throughout the semester. The thesis may be written in either English or Spanish per the agreement of the student, mentor, and department Chairperson. Prerequisite: Senior standing. 4 credits. Every semester; day.

Social Studies [SS] Courses

For specific course information, contact the History, Political Science, and Social Studies department in room 7004 or call (718) 489-5232.

SS 2045 The Second World War: A Review at 60 Years

This is a lecture series reviewing the events that shaped the defeat of Germany and Japan during the later years of the war. Scholars speak on such topics as the 1944 battles of Leyte Gulf and the Bulge, the A-bomb decision, creation of the UN, and postwar adjustment. Prerequisite: HIS 1201. 3 credits. Fall 2005; day.

SS 2060 Unraveling the '60s: A 40-Year Review

This lecture series reviews the tumultuous era known as "The Sixties." Scholars speak on such topics as the Vietnam War, Civil Rights Revolution, National Liberation Movements, and Cold War. Prerequisite: HIS 1201. 3 credits. Fall 2006; day.

SS 3320 Lewis and Clark to the Space Age, 1803–2003

A lecture series on the expansion of the United States over the past 200 years. Beginning with the purchase of Louisiana by Thomas Jefferson, the lectures cover the transcontinental railroad, Mexican acquisition, explosive growth of world events, space age, and a series of new frontiers as a superpower. Prerequisite: HIS 1201. 3 credits. Fall semester 2003; day.

SS 3330 Civil Rights, 1954–2004

A lecture series on the civil rights movement of the past 50 years. Beginning with two intensive survey lectures on the background of race in America, the lectures move to presentation on the Brown v. Board of Education case, the Montgomery bus boycott, and the national focus of policy and legislation designed to correct centuries of segregation and discrimination in America. Prerequisite: HIS 1201. 3 credits. Fall semester 2004; day.

SS 4995 Independent Study

This course is for students who have a special subject interest not available among the published catalogue offerings. It is usually limited to students with 3.0 indices or above. Students who believe they qualify must meet with the department Chairperson. After approval of the project, the student seeks a departmental professor and draw up a contract specifying the nature of the work. A paper is usually required for this course. Prerequisite: HIS 1201. 1-3 credits. Offered as needed.

SS 4998 Social Studies Seminar

A thesis seminar. Advanced instruction in the methods of research, analysis, and writing. Students are required to complete a research paper indicating mastery of the content and skills taught in the major. Prerequisites: ECO 1201, HIS 1201, PSC 1204, and SOC 1000. 3 credits. Fall semester; day.

SS 5400-5499 Honors Topics in Social Studies

This course explores specific, identified topics in the discipline of Social Studies. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. Open to Honors students only. 3 credits. Offered as needed; day.

Writing [WRI] Courses

Effective fall 2005, the English department modified its curriculum. English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], International Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the yellow section of this book. For specific course information, contact the English department in room 6005 or call (718) 489-5217.

WRI 1000 Basic Writing

Basic writing skills are practiced to improve and enhance verbal and written communication for college work. Students learn a variety of strategies for composing, editing, and polishing of written papers through individual student attention and peer workshops. A portfolio with a self-reflective introduction is assembled, submitted, and evaluated for successful completion of the course's requirements. Prerequisite: by placement exam. 3 credits. Every semester.

WRI 1100 Writing in the Public Sphere

The course guides students in the process of improving writing skills. Through individual work and peer groups, the course offers instruction in writing as a revising and editing process for the creation of an effective thesis statement and cogent paragraphs in balanced written pieces ending in the completion of a required portfolio. Prerequisite: by placement exam. 3 credits. Every semester.

WRI 1500 Advanced Composition

A writing portfolio-based course focusing on the acquisition and practice of strategies a writer may use to predict a reader's response. The writing is both academic and personal, concentrating on expository pieces such as reports on research, persuasive essays for standard thesis papers, and informal writing as in journals and memoirs. Practice pieces are revised, edited, and selected for the final presentation portfolio. Readings associated with stylistic development may be used. Prerequisite: WRI 1100. 3 credits. Offered as needed.

WRI 2100 Writing Fiction

Students learn the art and craft of writing fiction in a workshop environment. Participants read from master writers; they write original pieces and revise them. The workshop process includes having student work discussed and critiqued by the instructor and by fellow writers. Class participation is essential. Prerequisite: WRI 1100. 3 credits. Fall 2005 and fall 2007.

WRI 2200 Writing Poetry

Students learn the art and craft of writing poetry in a workshop environment. Students may read from published poetry and criticism. They are encouraged to develop their own poetry writing skills and understanding. The workshop process includes having student work discussed and critiqued by the instructor and by fellow writers. Class participation is essential. Prerequisite: WRI 1100. 3 credits. Spring 2006.

WRI 2300 Dramatic and Screen Writing

A workshop on the art and craft of dramatic writing. Occasional lectures may be given on craft issues including voice, structure, format, submission techniques, and the drama development process. Workshop members are expected to produce a substantial portion of a full-length script as well as evaluate their own work and that of others in the workshop. Attending live performances may be a course requirement and students should check with the instructor before registering. Prerequisite: WRI 1100. 3 credits. Fall 2006.

WRI 2400 Creative Nonfiction

A creative nonfiction workshop in which students read a variety of nonfiction genres—from autobiographical narrative "fact pieces" that include material derived from research, to memoir and personal essay, to New Journalistic prose, to more "fringe" and experimental forms. Students write nonfictional prose modeling several of these forms. Additionally, students read critical and metatextual pieces that discuss strategies for writing narrative generally and creative nonfiction specifically. The workshop illustrates ways in which writers employ the techniques of fiction to cut across traditional genre boundaries and tell their own "true" stories. Prerequisite: WRI 1100. 3 credits. Spring 2007.

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Academic Calendar

Fall 2005

Labor Day—Library and administrative offices closed ..... Fri., Sept. 2–Mon., Sept. 5, 2005
Classes begin ..... Wed., Sept. 7
Last day to add ..... Tues., Sept. 13
Mark of *W* begins for course withdrawals ..... Wed., Sept. 14
Last day to file Pass-Fail Option ..... Tues., Oct. 4
Columbus Day—No classes; library and administrative offices closed ..... Mon., Oct. 10
Midterm grades due to Registrar's Office by 5 p.m. ..... Fri., Oct. 21
Advising for 06/IS and 06/SP begins ..... Mon., Oct. 24
Last day to file degree application for February, May, or August 2006 ..... Fri., Oct. 28
Registration appointments for 06/IS and 06/SP begin ..... Mon., Oct. 31
Last day to drop ..... Thurs., Nov. 10
Registration appointments for 06/IS and 06/SP end ..... Fri., Nov. 18
Thanksgiving Recess—No classes; library and administrative offices closed ..... Wed., Nov. 23–Sun., Nov. 27
Last day of classes ..... Mon., Dec. 12
Study day—No classes ..... Tues., Dec. 13
Final examinations ..... Wed., Dec. 14–Tues., Dec. 20
Grades due to Registrar's Office by 5 p.m. ..... Thurs., Dec. 22
Christmas Holiday—Library and administrative offices closed ..... Fri., Dec. 23–Mon., Dec. 26

Intersession 2006

Tuition due for 06/IS and 06/SP ..... Wed., Dec. 28, 2005
New Year's Holiday—Library and administrative offices closed ..... Fri., Dec. 30, 2005–Mon., Jan. 2, 2006
Classes begin ..... Tues., Jan. 3
Last day to add ..... Wed., Jan. 4
Mark of *W* begins for course withdrawals ..... Thurs., Jan. 5
Last day to file Pass-Fail Option ..... Fri., Jan. 6
Last day to drop ..... Tues., Jan. 10
Classes end ..... Fri., Jan. 13
Grades due to Registrar's Office by 5 p.m. ..... Tues., Jan. 17

Spring 2006

Martin Luther King, Jr., birthday—Library and administrative offices closed ..... Mon., Jan. 16
Classes begin ..... Tues., Jan. 17
Last day to add ..... Mon., Jan. 23
Mark of *W* begins for course withdrawals ..... Tues., Jan 24
Commencement for 05/FA and 06/IS graduates ..... Thurs., Jan. 26
Last day to file Pass-Fail Option ..... Mon., Feb. 13
Presidents' Day—No classes; library and administrative offices closed ..... Mon., Feb. 20–Tues., Feb. 21
Midterm grades due to Registrar's Office by 5 p.m. ..... Fri., Mar. 3
Spring Recess—No classes ..... Mon. Mar. 5–Sat., Mar. 11
Advising for 06/SU and 06/FA begins ..... Mon., Mar. 13
Registration appointments for 06/SU and 06/FA begin ..... Mon., Mar. 20
Last day to drop ..... Wed., Mar. 29
Registration appointments for 06/SU and 06/FA end ..... Fri., Apr. 7
Easter Recess—No classes; library and administrative offices closed ..... Wed., Apr. 12–Sun., Apr. 16
Classes end ..... Mon., May 1
Study day—No classes ..... Tues., May 2
Final examinations ..... Wed., May 3–Tues., May 9
Grades due to Registrar's Office by 5 p.m. ..... Fri., May 12
Tuition due for 06/S1 and 06/S2 ..... Wed., May 17
Memorial Day—Library and administrative offices closed ..... Mon., May 29
Commencement ..... Wed., May 31

Summer 2006

First Summer Session

Classes begin ..... Mon., June 5
Last day to add ..... Tues., June 6
Mark of *W* begins for course withdrawals ..... Wed., June 7
Last day to file Pass-Fail Option ..... Thurs., June 15
Last day to drop ..... Thurs., June 22
Independence Day holiday—No classes; library and administrative offices closed ..... Mon., July 3–Tues., July 4
Classes end ..... Thurs., July 6

Second Summer Session

Classes begin ..... Mon., July 10
Grades for 06/S1 due to Registrar's Office by 5 p.m. ..... Mon., July 10
Last day to add ..... Tues., July 11
Mark of *W* begins for course withdrawals ..... Wed., July 12
Last day to file Pass-Fail Option ..... Thurs., July 20
Last day to drop ..... Thurs., July 27
Tuition due for 06/FA ..... Thurs., Aug. 3
Classes end ..... Thurs., Aug. 10
Grades due to Registrar's Office by 5 p.m. ..... Mon., Aug. 14



Fall 2006

Labor Day—Library and administrative offices closed ..... Fri., Sept. 1–Mon., Sept. 4
Classes begin ..... Wed., Sept. 6
Last day to add ..... Tues., Sept. 12
Mark of *W* begins for course withdrawals ..... Wed., Sept. 13
Last day to file Pass-Fail Option ..... Tues., Oct. 3
Columbus Day—No classes; library and administrative offices closed ..... Mon., Oct. 9
Midterm grades due to Registrar's Office by 5 p.m. ..... Fri., Oct. 20
Advising for 07/IS and 07/SP begins ..... Mon., Oct. 23
Last day to file degree application for February, May, or August 2007 ..... Fri., Oct. 27
Registration appointments for 07/IS and 07/SP begin ..... Mon., Oct. 30
Last day to drop ..... Thurs., Nov. 9
Registration appointments for 07/IS and 07/SP end ..... Fri., Nov. 17
Thanksgiving Recess—No classes; library and administrative offices closed ..... Wed., Nov. 22–Sun., Nov. 26
Last day of classes ..... Mon., Dec. 11
Study day—No classes ..... Tues., Dec. 12
Final examinations ..... Wed., Dec. 13–Tues., Dec. 19
Grades due to Registrar's Office by 5 p.m. ..... Thurs., Dec. 21
Christmas Holiday—Library and administrative offices closed ..... Fri., Dec. 22–Mon., Dec. 25

Intersession 2007

Tuition due for 07/IS and 07/SP ..... Wed., Dec. 27, 2006
New Year's Holiday—Library and administrative offices closed ..... Fri., Dec. 29, 2006–Mon., Jan. 1, 2007
Classes begin ..... Tues., Jan. 2
Last day to add ..... Wed., Jan. 3
Mark of *W* begins for course withdrawals ..... Thurs., Jan. 4
Last day to file Pass-Fail Option ..... Fri., Jan. 5
Last day to drop ..... Tues., Jan. 9
Classes end ..... Fri., Jan. 12
Grades due to Registrar's Office by 5 p.m. ..... Tues., Jan. 16

Spring 2007

Martin Luther King, Jr., birthday—Library and administrative offices closed ..... Mon., Jan. 15
Classes begin ..... Tues., Jan. 16
Last day to add ..... Mon., Jan. 22
Mark of *W* begins for course withdrawals ..... Tues., Jan 23
Commencement for 06/FA and 07/IS graduates ..... Thurs., Jan. 25
Last day to file Pass-Fail Option ..... Mon., Feb. 12
Presidents' Day—No classes; library and administrative offices closed ..... Mon., Feb. 19–Tues., Feb. 20
Midterm grades due to Registrar's Office by 5 p.m. ..... Fri., Mar. 2
Spring Recess—No classes ..... Mon. Mar. 4–Sat., Mar. 10
Advising for 07/SU and 07/FA begins ..... Mon., Mar. 12
Registration appointments for 07/SU and 07/FA begin ..... Mon., Mar. 19
Last day to drop ..... Wed., Mar. 28
Easter Recess—No classes; library and administrative offices closed ..... Wed., Apr. 4–Sun., Apr. 8
Registration appointments for 07/SU and 07/FA end ..... Fri., Apr. 13
Classes end ..... Mon., Apr. 30
Study day—No classes ..... Tues., May 1
Final examinations ..... Wed., May 2–Tues., May 8
Grades due to Registrar's Office by 5 p.m. ..... Fri., May 11
Tuition due for 07/S1 and 07/S2 ..... Wed., May 16
Memorial Day—Library and administrative offices closed ..... Mon., May 28
Commencement ..... Wed., May 30

Summer 2007

First Summer Session

Classes begin ..... Mon., June 4
Last day to add ..... Tues., June 5
Mark of *W* begins for course withdrawals ..... Wed., June 6
Last day to file Pass-Fail Option ..... Thurs., June 14
Last day to drop ..... Thurs., June 21
Independence Day holiday—No classes; library and administrative offices closed ..... Wed., July 4
Classes end ..... Thurs., July 5

Second Summer Session

Classes begin ..... Mon., July 9
Grades for 07/S1 due to Registrar's Office by 5 p.m. ..... Mon., July 9
Last day to add ..... Tues., July 10
Mark of *W* begins for course withdrawals ..... Wed., July 11
Last day to file Pass-Fail Option ..... Thurs., July 19
Last day to drop ..... Thurs., July 26
Tuition due for 07/FA ..... Mon., Aug. 6
Classes end ..... Thurs., Aug. 9
Grades due to Registrar's Office by 5 p.m. ..... Mon., Aug. 13

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