



**ST. FRANCIS COLLEGE**  
BROOKLYN HEIGHTS, NEW YORK

**2011-2013 Catalogue**





**ST. FRANCIS COLLEGE**  
BROOKLYN HEIGHTS, NEW YORK

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**ST. FRANCIS COLLEGE**  
THE SMALL COLLEGE OF BIG DREAMS

**2011-2013  
Catalogue**



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## Mission Statement

St. Francis College is a private, independent, co-educational, urban college whose Franciscan and Catholic traditions underpin its commitment to academic excellence, spiritual and moral values, physical fitness, social responsibility, and life-long learning. We educate the whole person for a full, relational life, developing the students' talents and abilities to form confident alumni well prepared for graduate study, for meaningful, fulfilling careers, as well as for collaborative, service-oriented leadership. The College strives to offer ample opportunities for students to immerse themselves in the intellectual, cultural and professional opportunities afforded by New York City and to serve the needs of the local community in which they live and study.

The College provides a quality, accessibly priced education to students from the five Boroughs of New York City and well

### Goals:

Recognizing the original Franciscan understanding of hospitality as a challenging, risk-taking social contract, we strive for gradient and appreciable success in achieving the following measurable goals:

#### 1. *Promoting academic excellence*

- Promoting existing and emerging academic undergraduate programs and exploring further development of graduate programs.
- Recruiting and sustaining students and professors into a dynamic cooperative of artists-athletes-scholars.

#### 2. *Advancing a thriving intellectual community:*

- Continual commitment of resources to state-of-the art technology throughout the campus.

#### 3. *Supporting student life and the development of the whole person:*

beyond. Specifically, our students experience a strong liberal arts core curriculum integrated with pre-professional programs in a wide range of disciplines, designed to prepare them for the rigors of an increasingly technological and globalized marketplace and society. Excellence of instruction, small classes and professors' individual attention to each student create a hospitable community atmosphere, based on trust and mutual respect. These foster the development of critical thinking, moral choices, responsible citizenship and personal commitment to social justice and the environment. Our location in Brooklyn Heights provides a confluence of cultures and religious beliefs, mirroring our commitment to maintain and celebrate our diverse student body.

- Enabling the smooth transition of our local, national and global student body into the college community and the city.
- Promoting holistic wellness to develop both leadership and fellowship.

#### 4. *Enabling the transition from student to citizen of the world:*

- Fostering students' self-confidence and encouraging both responsibility and innovation through mentoring, classroom experiences and internships.
- Developing collaborative leadership and citizenship by participation in activities, sports, clubs, and student-faculty projects.

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.

Today the College serves more than 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 year, more than 350 degrees are conferred in the liberal arts and sciences and in management. 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
- Association of Catholic Colleges and Universities
- Association of Franciscan Colleges and Universities
- Brooklyn Chamber of Commerce
- Brooklyn Independent Colleges
- Commission on Collegiate Nursing Education
- Commission on Independent Colleges and Universities
- Council for Advancement and Support of Education
- Downtown Brooklyn Development Association
- International Assembly for Collegiate Business Education
- National Association of Independent Colleges and Universities
- National Commission on Accrediting
- NYS Regents Accreditation of Teacher Education

## 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. In January 2006, the College unveiled a 35,000 square foot academic center, which includes a state-of-the-art library, "smart" classrooms equipped



# ST. FRANCIS COLLEGE

THE SMALL COLLEGE OF BIG DREAMS

## Office of the President

Dear Student:

I am pleased to welcome you to St. Francis College.

The St. Francis College student body is comprised of individuals who have remarkably diverse backgrounds and goals, but share a strong determination to work hard and make the most of their abilities through higher education. Students learn in classrooms that offer the latest technology from faculty who play an active role in their academic progress and personal growth.

St. Francis College strives to graduate well-rounded men and women who are prepared to make meaningful contributions to their chosen careers and to society as conscientious citizens. Therefore, St. Francis' core curriculum, which includes courses in the humanities, social sciences, natural science and fine arts, is the cornerstone of the academic experience at the College. Once the requirements of the core curriculum are satisfied, students can choose from 72 major and minor fields of study that are offered by the College's 19 academic departments.

St. Francis' urban campus - which is just minutes from the financial, government and cultural institutions that make New York City the world's capital for business, innovation and leadership - complements the classroom experience by providing vast opportunities for internships. While the unparalleled resources of the nation's largest metropolis are easily accessible, the College's intimate, tight knit campus enables students to learn and grow in a supportive setting where they are more than just a number.

The Franciscan Tradition, which espouses humility, compassion and social justice, defines the St. Francis College community. Furthermore, knowledge should never be considered as an end in itself, but a means to serve the common good. As a result, students graduate with both the skills to excel in life and a commitment to help those who are less fortunate.

The value of a St. Francis College education is thus not measured by a degree itself, but rather by the success and character exhibited by generations of its graduates.

Sincerely,

Brendan J. Dugan '68  
President



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.

**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 comprised the offices of the Dean of Students, Student Activities, Career Development, International Student Services, Disability Services, Residence Life, 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. Go to <http://sfc.bncollege.com> to access the store via the internet.

*Athletics facilities* include two full-sized gymnasias, 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 19 NCAA Division I intercollegiate athletic sports. All College athletic events are free to students, faculty, and staff 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 basketball, cross-country, golf, soccer, swimming, tennis, indoor track, outdoor track, and water polo. Women compete in basketball, bowling, cross-country, golf, swimming, tennis, indoor track, outdoor track, water polo, and volleyball.

## Intramurals

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, gymnasium, 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](http://www.ope.ed.gov/security). To request this information, contact the Dean of Students, (718) 489-5315.

## 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 on the 1<sup>st</sup> floor near the elevators (Rm.1312). 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.

## **SFC Alerts**

SFC Alerts is St. Francis College's urgent notification system. It allows the College to send out emergency and urgent information to students, faculty & staff in a variety of ways like text messages, phone calls and instant messages.

Messages will only be sent for school wide situations like Snow Cancellations or Building Evacuations. SFC Alerts cycles through a series of contacts that each student puts in priority order until a student acknowledges that they have received the alert. Students will never be spammed.

Each student's St. Francis email address is entered into the system, but it is up to every individual to personalize their entry to add things like cell phone number and instant message addresses. Every semester, letters are emailed to students who are not registered with SFC Alerts. If you do not have your authorization code, for more information please contact the Office of Government & Community Relations at (718) 489-5404 or go to <http://www.sfc.edu/sfcalerts>.

## **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 on the second floor. The advisor can be reached at (718) 489-3486.

## **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. All lockers are to be cleared out at the end of the Spring semester. Lockers are given out on a first come, first serve basis.

## **Lost and Found**

Found articles should be given to Facilities Management (room 5012), 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 admis-

sion 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. Their office is located in the Student Health Services area.

## **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 [www.sfc.edu](http://www.sfc.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 Accendo* is the Honors Program Newsletter published in Spring and Fall. It carries articles written by Honors students and information about the program and its activities.

*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.

*SFC Today.com* is the online College student newspaper. It contains feature articles, editorials, and College sports information.

### **Clubs and Organizations**

- |                               |   |
|-------------------------------|---|
| Accounting Society            | Investment Club                         |
| African Cultural Club         | Latin American Society                  |
| Arab American Society Club    | Leo Club                                |
| Biology Newsletter            | Martial Arts Club                       |
| Caribbean Student Association | Math Club                               |
| Chemistry Club                | Model UN Club                           |
| Christian Club                | Muslim Student Association              |
| College Chorus                | Next Chapter Book Club                  |
| Colleges Against Cancer       | Philosophy Club                         |
| Dance Club                    | Physician Assistants Club               |
| Eastern European Club         | Pre-Medical and Health Professions Club |
| Economics Society             | Psychology Club                         |
| Education Club                | St. Thomas More Pre-Law Society         |
| Environmental Club            | Science Society                         |
| Fencing Club                  | Sociology & Criminal Justice Club       |
| Finance Club                  | Step Team                               |
| Film Appreciation Society     | Students Against Destructive Decisions  |
| French Club                   | Student Gov't. Association              |
| Haitian Alliance              | The Troupers                            |
| Honors Club                   | The Voice                               |
| Italian Historical Society    |   |



## **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.
- *Alpha Sigma* is a regional, social sorority that was founded at St. Francis in 2006. Its primary philanthropy is breast cancer awareness.
- *Epsilon Sigma Phi* is community serviced based sorority, whose local philanthropy is centered on Sloan Kettering Memorial.
- *Kappa Theta Nu Sorority* is a local chapter founded at SFC in Spring 2009. Primary philanthropy is childhood diabetes.
- *Mu Sigma Upsilon* is a regional, multi-cultural, social sorority, whose chapter was founded at St. Francis College in 2007.
- *Tau Kappa Epsilon* is a national, social fraternity whose charter was established during Spring 2010.

## **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.
- *Alpha Phi Sigma* is Alpha Phi Sigma is the only Criminal Justice Honor Society for Criminal Justice majors. The society recognizes academic excellence of undergraduate, graduate students of criminal justice, as well as juris doctorate. Its Iota Mu Chapter was founded at St. Francis College in 2008

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

*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.



# 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.

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## Undergraduate Admission

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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.sfc.edu](http://www.sfc.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 2250, with a recommended minimum score of 450 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 Excelsior 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. Continuing students seeking to apply CLEP exam results to their records please see Academic Policies-Courses at Other Institutions.

### **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 requirements toward a degree; those who have completed more than 18 months of service may be granted 10 credits of the elective requirements. 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. The course fee is assessed based on the number of credits granted.

### **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. Students who present an official transcript from an IBO with the designation "Certificate" are only eligible to receive transfer credit for HL subjects with a score of at least 5. Contact the Office of the Academic Dean for further information.

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## **Instructional Support**

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### **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.

*Project Access* 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, undeclared majors, Professional Studies major, Associate degree in Liberal Arts, non-degree and students who have an SFC GPA of below 2.0 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 administration 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 900 computers are continually upgraded to ensure that state-of-the-art computer hardware. In instructional and general computer lab spaces scanners, laser printers, network facilities, and software are available to students and faculty. In our dozens of interactive classrooms and science computer laboratories we provide our students and faculty the latest technologies for their academic disciplines. Our state of the art Television Studio provides students the ability to learn film and media technology in both theory and practice with hands on instruction in the use of the technology. 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 Intranet and Internet facilities. High-speed Internet access opens the campus to the World Wide Web for email and research. The McArdle Student Center is equipped with wireless Internet access, plasma televisions and flat screen kiosks for web surfing. Academic departments utilize specialized hardware and software, leveraging technology in the classroom for instructional presentations with Smartboard technology, 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:

*Angel Learning Management System* 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 drop boxes" for assignments.

*TerrierWeb* provides students access to academic information, including web registration and student e-mail from any browser. Features include e-mail, spam filtering, student e-mail directory and address book, and the ability for SFC administration 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 using cloud technology. Features include 50 MB of storage per student, nightly data backup.

*Student Technology Services* provide students with support for Angel Learning Management System, TerrierWeb, Terrier Store,

printing, and other technology resources. Students may contact STS in room 4211 by calling (718) 489-5454 or emailing [helpdesk@sfc.edu](mailto:helpdesk@sfc.edu) for answers to questions or help with technology needs.

### Information Technology Resources - Acceptable Use

The primary purpose of student related information technology resources at St. Francis College (SFC) is to enhance and support the educational mission of the College. Access to the College's student related technology resources is a privilege granted to SFC students. These resources include hardware, software, computer accounts, local area networks as well as connections to other computer networks via the Internet. All students using these resources are responsible for using them in an appropriate, ethical and lawful manner. Your use of these resources must conform to laws and College policies regarding protection of intellectual property, including laws and policies regarding copyright, patents, and trademarks. This applies to the downloading or distribution of protected material in any form, including text, photographic images, audio, video, graphic illustrations, and computer software.

Students must refrain from the following activities:

- Using computing resources to violate any college policy or regulation, or federal, state or local law including those related to copyright, patents, and trademarks.
- Entering, without authorization, into any user account to use, read, transfer or change the contents in any way.
- Using computing facilities to send obscene, abusive, threatening, defamatory, or harassing messages.
- Using the resources for activities not directly related to academic or research endeavors in such a way that it causes disruption to other users.
- Installing or using unauthorized copyrighted materials or licensed software.
- Using computing resources to interfere with the normal operation of college computing systems and connected networks including, but not limited to, introducing viruses, flooding the network with messages, sending chain letters, or unfairly monopolizing resources that results in the exclusion of others.
- Sharing or downloading of copyrighted material without permission is illegal and as such is against college policy. If you share copyrighted files without the permission of the copyright holder, you are breaking the law and may face civil and/or criminal prosecution, in addition to college discipline.
- Intentional failure to comply with this policy may result in action that may include suspension of user privileges or other disciplinary action.

### Library

The St. Francis College Library is the center of academic pursuit at the College. The Library offers on-site access to more than 120,000 books, 3,200 items in the media collection and on-site and remote access to more than 52,000 e-books, 26,000 e-journals, and 40+ subject-specific and multi-disciplinary databases.

The collection has been developed specifically to support student research needs and departmental curricula. The Library is also a member of several cooperative borrowing consortia. These consortia provide St. Francis College student on-site use and borrowing of materials not included in the Library's collection. Traditional interlibrary loan is also available.

In addition to its extensive collection of resources, the Library supports students' academic needs by providing a wide array of services, such as computer access, dedicated study spaces, and reference help. The Library circulates 40 net books to students to supplement the 56 computer terminals available in the reference area and its two computer labs. Students can also

receive one-on-one or group instruction on the use of Library resources, as well as individual reference assistance for research projects. Library instruction classes are held in the Library's "smart" classroom.

The Library also has a number of group student rooms for student use. Each study room is equipped with a plasma screen that students may use for viewing films or for practicing multimedia presentations.

The Library's hours of operation vary. When classes are in session, the Library is open 63 hours a week. During the week prior to finals and the week of finals, hours are extended to meet students needs.

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## Academic Policies

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### Undergraduate Courses and Registration

Twice each year, the Registrar's Office sets registration appointments. In spring, students register for May mini-mester, 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, the first two days of the summer semester and the first day for an intersession course. 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 in writing.

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. The Academic Dean's approval does not relieve the student of tuition obligations.

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. Students may receive permission from their Department Chairperson for up to 19 credits. Academic Dean approval is required for 20-21 credits. Under no circumstances may a student register for more than 21 credit hours for a single semester. No student may register for more than 2 courses during a summer session or one course during an intersession. A student registered only for AED/CED/PE 4990 (Supervised Student Teaching) is considered a full-time student.

### Pass-Fail Courses

Any student studying a foreign language at the 1000 level may elect to take that course on a pass-fail basis. Any student taking FIT courses or HS 1001 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 independent study course in a given semester. Written approval of the Academic Dean is required for any course beyond the three-credit limit. Written approval of the Academic Dean is needed for all Independent Study courses with a description of the project. 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. Written approval of the Academic Dean is needed for all 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 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.

### **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.

### **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 Dr. Jennifer Wingate or Dr. Francis Greene. All

grades earned while studying abroad are included on the student's transcript, and are calculated into the quality-point index.

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

Qualified full-time students may participate in 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 Manhattan; St. Francis College students must then arrange with 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, and who have not submitted an official withdrawal form, 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	Superior	4.0
A-	Excellent	3.67
B+	Accomplished	3.33
B	Very Good	3.0
B-	Good	2.67
C+	Above Average	2.33
C	Average	2.0
C-	Below Average	1.67
D	Poor	1.0
F	Failing	0.0
H	Honors	(not computed)
IP	In Progress	(not computed)**
P	Passing	(not computed)

W.....Withdrawal.....(not computed)

X.....Non-Attendance.....0.0

\*\*Consult with Department Chair for specific courses

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.

Students who do not attend a course—or who cease attending before the published last date of withdrawal without submitting an official withdrawal form—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	01—Lower Freshman	0 – 13.9
	02—Upper Freshman	14 – 27.9
Division	03—Lower Sophomore	28 – 43.9
	04—Upper Sophomore	44 – 59.9
Upper	05—Lower Junior	60 – 74.9
	06—Upper Junior	75 – 89.9
Division	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. 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.

### **D Grades in Major Courses**

Waivers for D grades in a major are not normally granted. However, a department chairperson may choose to waive a D in a major-field course provided the student has maintained a 2.0 index in his/her major. The department must provide the Academic Dean with a rationale for granting the waiver. Under no circumstances may more than two D grades in a major be waived. A grade of F in a major-field course may never be waived.

### **Report of Grades**

Twice each semester, the Registrar notifies students that grades are available for review via WebAdvisor. 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:

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

Students on probation may not register for more than 12 credits in any given 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 academic cornerstone of St. Francis College and affirms its mission to graduate educated, well-rounded students to enter and participate in a changing and culturally diverse world.

As an integrated program of studies, it focuses on developing the skills expected of a liberally educated person. It provides students with a broadly based foundation outside their areas of specialization, an understanding of how various disciplines intersect and differ, and assistance in cultivating a disposition for lifelong learning.

Core Courses	Associate's Degrees	Bachelor of Science in Professional Studies	All Other Baccalaureate Degrees
COM 1000 Fundamentals of Speech	3	3	3
WRI 1100 Writing in the Public Sphere <sup>1</sup>	3	3	3
Any AML, BRL, or LIT course 2100–2999	3	—	3
Fine Arts, select <b>ONE</b> of the following courses: FA 1401 Music of the Western World FA 1402 Orientation in Art FA 1403 Music of Many Cultures FA 1420 American Art	3	3	—
Music, select <b>ONE</b> of the following courses: FA 1401 Music of the Western World FA 1403 Music of Many Cultures	—	—	3
Art, select <b>ONE</b> of the following courses: FA 1402 Orientation in Art FA 1420 American Art	—	—	3
HIS 1201 History of the United States: 1896 to Present	3	3	3
Liberal Arts elective <sup>2</sup>	—	—	3
Natural Science or Mathematics <sup>3</sup>	6	3	6
Philosophy Group A, select <b>ONE</b> of the following courses: PHI 1101 Basic Problems in Philosophy PHI 1114 Reasoning and Argumentation	3	3	3
Philosophy elective 2000-2999	3	—	3
Philosophy elective 3000 or higher	—	—	3
REL elective (any 1000- or 2000-level)	—	—	3
SOC 1000 Principles of Sociology	3	3	3
<b>Total</b>	<b>30</b>	<b>21</b>	<b>42</b>

<sup>1</sup> 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.

<sup>2</sup> Liberal arts must be selected from AMJ, AML, BIO, BRL, CHE, COM, DRA, ECO, ENG, FA, FRE, HIS, HON, HS, ICS, ITA, LAT, LIT, MAT, PHI, PHY, PSC, PSY, REL, SCI, SOC, SPA, SS, or WRI listings. The following courses will not count as liberal arts electives: ECO 3331, ECO 3332, ECO 3333, ECO 4433

<sup>3</sup> 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 1001. Students who participate in intercollegiate athletics (as well as Physical Education majors) must take either FIT 1102 or HS 1001 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

### Goals

- Students will write, speak, and listen more effectively.
- Students will understand structures and possibilities of the human experience through the study of the social sciences, fine arts, and humanities.
- Students will understand and apply the fundamental processes, methods, and reasoning of mathematics and science.
- Students will collect and interpret information using appropriate research technology.
- Students will become more engaged with the Franciscan traditions of service, social justice, stewardship for the environment and personal responsibility.

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 Provost and 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, 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 or 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.
- 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.

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## Graduate Division

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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	Superior	4.0
A-	Excellent	3.67
B+	Accomplished	3.33
B	Very Good	3.0
B-	Good	2.67
C+	Above Average	2.33
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.

### **C grades in Graduate Courses**

A cumulative graduate index of 3.0 is required for graduation. A maximum of two course grades in the "C" range will be acceptable—as long as the cumulative graduate index of 3.0 is met. If any grade earned in a graduate course is below C, the course will have to be repeated. Only one repetition of any course will be permitted.

### **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 to review their final grades via WebAdvisor. Students enrolling in undergraduate (UG) and graduate (GR) courses concurrently will view UG and GR grades separately, 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.

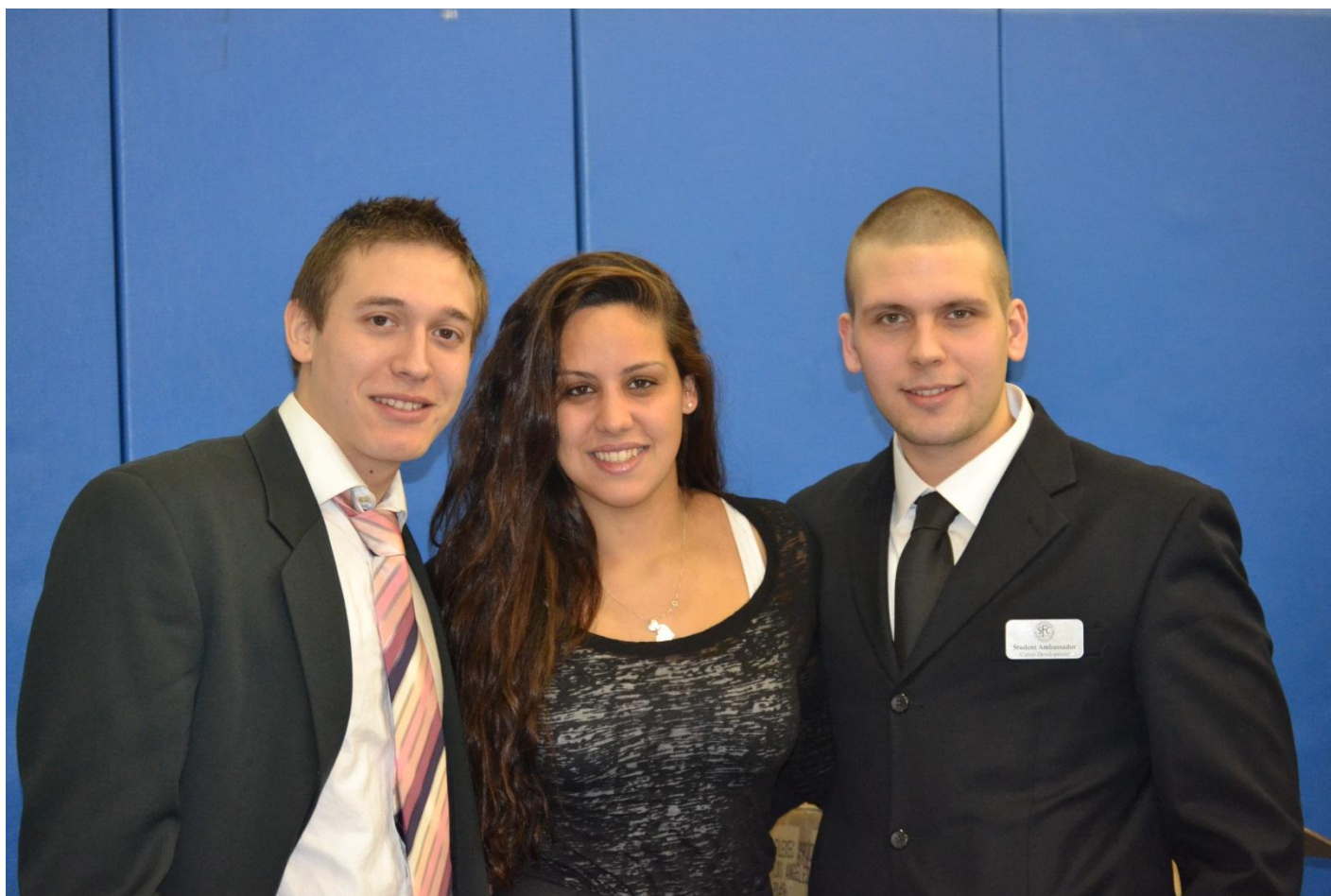
Degree candidates must complete the required courses as outlined in the respective curriculum and have a cumulative undergraduate index and a major index of at least 2.0. Graduate students must maintain a cumulative index of 3.0.

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	Teaching Certificate	HEGIS Certification	NYS Code	CIP 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 <sup>1</sup>		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 <sup>2</sup>	A.A.S.					5208.20	76031	51.1601
Nursing—Lower Division <sup>3</sup>	A.S.					5208.00	21644	51.1601
Nursing—Upper Division <sup>4</sup>		B.S.				1203.10	23242	51.1699
Philosophy		B.A.				1509.00	09521	38.0101
Physical Education Teacher Training <sup>5</sup>		B.S.			K-12	0835.00	76702	13.1314
Physician Assistant <sup>6</sup>		B.S.				1299.10	21903	51.0912
Political Science		B.A.				2207.00	09533	45.1001
Professional Studies <sup>7</sup>		B.S.				4901.00	09535	24.0101
Project Management			CTF			0506.00		05.0600
Psychology		B.A.				2001.00	09528	42.0101
Radiologic Sciences <sup>6</sup>		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

<sup>1</sup> In cooperation with NY College of Podiatric Medicine.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Open to qualified transfer students with a valid R.N. only.

<sup>5</sup> New York State Initial Endorsement is for all grades.

<sup>6</sup> In cooperation with St. John's University and New York Methodist hospital.

<sup>7</sup> 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. Professional Studies majors and graduate students do not pursue minors.

St. Francis College offers the following minor fields of study:

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

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



# Financing Your Education

## Tuition and Fees

The Board of Trustees determines and approves the tuition and fee rates annually to cover one academic year beginning with the fall semester and ending through the following summer. The current schedule for tuition and fees may be found on the College's website.

The full-time undergraduate rate is based on a student enrolling in 12-18 credits of study during the fall or spring terms. Students who enroll in more than 18 credits per term will be charged the per credit rate for each additional credit over 18. Students who enroll on a part-time basis will be charged at the per credit rate.

Non-credit courses count towards enrollment and are typically charged at a rate equivalent to the per credit rate and number of class hours per week.

## 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. The tuition deferment fee also applies to students who file the FAFSA late or have an incomplete financial aid application on the first day of school.

## Late Fee Assessments

A late fee will be charged if payment is not received by the designated due date. Only completed and approved financial aid

(including loans) will be considered as payment by the designated due date. Incomplete or pending financial aid applications will not be approved for deferment of the tuition payment.

In addition to a late fee assessment, students with open balances may be placed on financial hold and will not be permitted to register for the following semester.

## Registration Cancellation for Unpaid Balances

Failure to pay tuition and fees on time may result in the cancellation of classes. If a student is deregistered for non-payment, he or she will be permitted to register again upon payment and approval by Student Financial Services. Students dropped for non-payment are not guaranteed the same courses and schedule as their initial registration.

## Unpaid Balances and Collections

Students accounts with past due balances are subject to late fees and will be placed on financial hold, preventing future registration or the release of academic transcripts.

The College makes every effort to collect all outstanding balances internally. However, if an account is not paid as required, the balance may be referred to a collection agency. Students who are referred to a collection agency will be responsible for the tuition balance plus any collections costs due.

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## Payment Options

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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 deadline. Students who register or pay after the initial registration and payment period may incur late fees. Payment dates can be found in the academic calendar.

### In Person

Payment may be made via cash, check, money order, or credit card (MasterCard, AMEX, Discover, and Visa) 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 and make 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

Credit card authorizations may also be mailed or faxed to (718) 643-0076.

### 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](http://www.afford.com). The toll-free number is (800)356-8329. *The monthly payment option is not available for summer or intersession.*

### Financial Aid

The term 'financial aid' refers to 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 plan to 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 at (718) 489-5255, or by e-mail at [sfs@sfc.edu](mailto:sfs@sfc.edu). Balances not covered by financial aid must be paid by the designated due date.

### 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. 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.

### 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.

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## Tuition Cancellation Policy

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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 or the date of official withdrawal using Web registration. 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

<u>Date of Withdrawal</u>	<u>Percent Cancellation</u>
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

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

### Interession (January Session Prior to the Spring Semester)

<u>Date of Withdrawal</u>	<u>Percent Cancellation</u>
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%

### 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 grants and loans. The student will be responsible for any balance due to the College as a result of a reduction in financial aid funds.

### 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 request along with supporting documentation must be submitted to the Director of Student Financial Services.

In case related to medical withdrawals, the Dean of Students will review and approve the academic withdrawal. Final approval for all financial adjustments will be made by the Director of Student Financial Services.

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## Financial Aid

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St. Francis College offers a comprehensive financial aid program consisting of federal grants, federal loans, state grants, institutional scholarships, and student employment. To be considered for any financial assistance, students are required to complete a Free Application for Federal Student Aid (FAFSA) each school year. The FAFSA may be completed on the WEB at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) beginning January 1 of each year. Current information regarding available programs and eligibility requirements can be found on the College's website.



**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.

<u>Department</u>	<u>Page</u>
Communication Arts.....	<a href="#">44</a>
English.....	<a href="#">71</a>
Foreign Languages, Fine Arts, and International Cultural Studies.....	<a href="#">75</a>
Honors.....	<a href="#">82</a>
Liberal Arts.....	<a href="#">83</a>
Philosophy and Religious Studies.....	<a href="#">96</a>
Professional Studies.....	<a href="#">101</a>

## 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.

<u>Department</u>	<u>Page</u>
Accounting and Business Law.....	<a href="#">24</a>
Management and Information Technology.....	<a href="#">8</a>

## Sciences, Mathematics and Health Promotion

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.

<u>Department</u>	<u>Page</u>
Biology and Health Promotion.....	<a href="#">32</a>
Chemistry and Physics.....	<a href="#">39</a>
Mathematics.....	<a href="#">92</a>
Nursing.....	<a href="#">94</a>
Pre-Health Professions Programs.....	<a href="#">100</a>

## 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.

<u>Department</u>	<u>Page</u>
Economics, History, Political Science and Social Studies.....	<a href="#">49</a>
Education.....	<a href="#">58</a>
Psychology.....	<a href="#">103</a>
Sociology and Criminal Justice.....	<a href="#">106</a>
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# Accounting and Business Law

Office: Room 5007  
Phone: (718) 489-5301

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## **Chairperson**

Dr. Carmine Nogara

## **Professors**

Horlick

## **Associate Professors**

Nogara

## **Assistant Professors**

Lombardo

Salholz

---

## **Professor Emeritus**

Diamond

Yellin

## **Adjuncts**

Brooks

Buttafuoco

Celano

Dennison

Gavales

Wu

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## Department Mission

Within the context of a liberal arts education, the Accounting and Business Law department seeks to provide all management and accounting majors with appropriate skills, knowledge, and abilities to become successful professionals. The accounting major prepares students for careers 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 (from large international firms to medium and small regional and local firms), corporations, banks, brokerage houses, manufacturing firms, retail establishments, government 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 from other institutions 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 department 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.

## **Students Seeking C.P.A. Certification**

New York State requires that individuals who apply for licensure in public accountancy (qualifying to sit for the C.P.A. examination) must complete a registered 151-credit hour program. Two 151-hour programs are available to accounting majors at St. Francis College; 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. Students must qualify for entry into the MS degree program. Those students not qualified for entry can complete the 151-hour BS degree program.

Accounting majors 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. In order to enter the graduate division, students are required to have a minimum grade point average of 2.8 in six specific accounting courses. Students not meeting this requirement may be given reconsideration if a satisfactory score is achieved on the Graduate Management Admission Test (GMAT). Additionally, students in the B.S./M.S. program are required to maintain a 3.0 cumulative grade point average in their graduate courses.

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

In addition to the combined B.S./M.S. program, the College also offers a stand-alone M.S. degree in Professional Accountancy. This degree is offered to students who already possess an undergraduate degree in Business Administration/Management (e.g., Finance, IT, Marketing, Management, HR, etc.) and now want to pursue additional studies to enable them to acquire the knowledge and skills to enter careers in accounting and to accumulate the necessary credits to sit for the CPA examination. Completion of this M.S. degree fulfills the course of study required by the New York State Education Department and the New York State Board of Accountancy.

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

Students interested in an accounting program 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

students for careers in management or industry where a solid foundation in accounting is helpful or required, but C.P.A. certification is not necessary.



# Major in Accounting

## C.P.A. Track—Combined B.S./M.S. Degree 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. degree 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 <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1105 College Algebra.....		MAT 0700 or placement exam	
MAT 1109 Mathematics for Managerial Science I.....		MAT 1105 or placement exam	
▶ Select the following course to satisfy the Philosophy Elective core requirement			
PHI 7342 Business Ethics <sup>1,3</sup> .....		PHI 2201 or PHI 2203	
ACC 1101 Elementary Accounting I.....	4	MAT 0500 or placement exam.....	BUS 1001
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
ACC 2101 Intermediate Accounting I.....	4	{ ACC 1102	
ACC 2102 Intermediate Accounting II.....	4	IT 1001 (may be taken as pre- or co-requisite)	
ACC 2201 Accounting Information Systems.....	3	{ ACC 1101	
ACC 3301 Cost Accounting.....	3	IT 1001	
ACC 4101 Advanced Accounting Problems.....	3	{ ACC 1001 or ACC 1102	
ACC 4401 Auditing Principles.....	3	IT 1001 (may be taken as pre- or co-requisite)	
ACC 4501 Taxation for Individuals.....	3	ACC 2102	
BL 2101 Business Law I.....	3	ACC 2101	
BL 2102 Business Law II.....	3	ACC 1101	
BUS 1001 Organization and Management.....	3	IT 1001	
BUS 2250 Business Communications.....	3	{ ACC 1001 or ACC 1102	
ECO 1201 Principles of Macroeconomics.....	3	IT 1001 (may be taken as pre- or co-requisite)	
ECO 2202 Principles of Microeconomics.....	3	ACC 2102	
ECO 2306 Money and Banking.....	3	ACC 2101	
ECO 3331/FIN 3301 Principles of Finance.....	3	ACC 1001 or ACC 1102	
IT 1001 Computer Tools.....	3	BUS 1001	
MKT 2201 Marketing.....	3	BL 2101	
ORM 3301 Empirical Methods for Business Research.....	3	MAT 0500 or placement exam (pre- or co-requisite)	
<b>TWO</b> humanities electives <sup>2</sup> .....	6	ECO 1201	
Any FIT course or HS 1001.....	2	ECO 1201; pre- or co-requisite: ECO 2202	
SFC 1001 Freshman Seminar.....	1	{ ACC 1001 or ACC 1101	
Any liberal arts elective.....	3	ECO 2202 or ECO 2306	
Free electives.....	6	MAT 1105 or placement exam	
Graduate Courses: <sup>3</sup>			
ACC 6202 Advanced Accounting Information Systems <sup>1</sup> .....	3	ACC 2201	
ACC 6402 Advanced Auditing <sup>1</sup> .....	4	{ ACC 2201	
ACC 6502 Taxation for Business Organizations <sup>1</sup> .....	4	ACC 4401	
ECO 6411 Economic Theory and Analysis <sup>1</sup> .....	3	ACC 4501	
FIN 6501 Advanced Finance <sup>1</sup> .....	3	{ ECO 2202	
ORM 6308 Quantitative Methods in Business I <sup>1</sup> .....	3	ECO 2306	
ACC 7998 Graduate Seminar in Accounting <sup>1</sup> .....	4	FIN 3301	
BUS 7999 Business Policies Capstone <sup>1</sup> .....	3	{ MAT 1109 or MAT 2202	
Total credits required.....	151	MAT 2301 or ORM 3301	
		ACC 4101	
		Final semester of graduate program	

The successful completion of ACC 7998 satisfies the College's Comprehensive Examination/Thesis requirement.

<sup>1</sup> This is a graduate course. Students must be admitted to the graduate division before taking this course.

<sup>2</sup> Select certain courses from ECO, HIS, ICS, PSC, or PSY except ECO 3331/FIN 3301, ECO 3332/FIN 3302, ECO 3333/FIN 3312, or ECO 4433/FIN 4412.

<sup>3</sup> A cumulative graduate G.P.A. of 3.0 is required.



## C.P.A. Track—151-Hour B.S. Degree Program

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
➔ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1105 College Algebra.....		MAT 0700 or placement exam	
MAT 1109 Mathematics for Managerial Science I.....		MAT 1105 or placement exam	
➔ Select the following course to satisfy the Philosophy Elective core requirement			
BUS 3342/PHI 3342 Business Ethics.....		PHI 2201 or PHI 2203	
ACC 1101 Elementary Accounting I.....	4	MAT 0500 or placement exam.....	BUS 1001
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
ACC 2101 Intermediate Accounting I.....	4	{ ACC 1102	
		IT 1001 (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 1001	
ACC 3301 Cost Accounting.....	3	{ ACC 1001 or ACC 1102	
		IT 1001 (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 1001	
BL 2102 Business Law II.....	3	BL 2101	
BUS 1001 Organization and Management.....	3		
BUS 2250 Business Communications.....	3		
BUS 4998 Business Policies.....	3	{ ECO 3331/FIN 3301	
		MKT 2201	
		ORM 3301 or MAT 2301	
		Senior standing	
ECO 1201 Principles of Macroeconomics.....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics.....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
ECO 3331/FIN 3301 Principles of Finance.....	3	{ ACC 1001 or ACC 1101	
		ECO 2202 or ECO 2306	
		MAT 1105 or placement exam	
HR 2201 Business Theory and Practice.....	3	BUS 1001	
IT 1001 Computer Tools.....	3		
MAT 2301 Statistics.....	3	MAT 1104 or higher or placement exam	
MKT 2201 Marketing.....	3	BUS 1001	
ORM 3308 Quantitative Methods in Business I.....	3	MAT 2301 or ORM 3301	
<b>TWO</b> humanities electives <sup>1</sup> .....	6		
Any Management elective <sup>2</sup> .....	3		
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar.....	1		
Any <b>TWO</b> liberal arts electives.....	6		
Free electives.....	12		
<b>Total credits required.....</b>	<b>151</b>		

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

<sup>1</sup> Select certain courses from ECO, HIS, ICS, PSC, or PSY except ECO 3331/FIN 3301, ECO 3332/FIN 302, ECO 3333/FIN 3312, or ECO 4433/FIN 4412.

<sup>2</sup> Select any course from BUS, FIN, HR, IT, MKT, or ORM.



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

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum.....	42		
▶ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1105 College Algebra.....		MAT 0700 or placement exam	
MAT 1109 Mathematics for Managerial Science I.....		MAT 1105 or placement exam	
▶ Select the following course to satisfy the Philosophy Elective core requirement			
BUS 3342/PHI 3342 Business Ethics.....		PHI 2201 or PHI 2203	
ACC 1101 Elementary Accounting I.....	4	MAT 0500 or placement exam.....	BUS 1001
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
ACC 2101 Intermediate Accounting I.....	4	{ ACC 1102 IT 1001 (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 1001	
ACC 3301 Cost Accounting.....	3	{ ACC 1001 or ACC 1102 IT 1001 (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 1001	
BL 2102 Business Law II.....	3	BL 2101	
BUS 1001 Organization and Management.....	3		
BUS 4998 Business Policies.....	3	{ ECO 3331/FIN 3301 MKT 2201 ORM 3301 or MAT 2301 Senior standing	
ECO 1201 Principles of Macroeconomics.....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics.....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
ECO 3331/FIN 3301 Principles of Finance.....	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
HR 2201 Business Theory and Practice.....	3	BUS 1001	
IT 1001 Computer Tools.....	3		
MAT 2301 Statistics.....	3	MAT 1104 or higher or placement exam	
MKT 2201 Marketing.....	3	BUS 1001	
ORM 3308 Quantitative Methods in Business I.....	3	MAT 2301 or ORM 3301	
Select <b>TWO</b> of the following courses.....	6		
Any ECO course except ECO 3331/FIN 3301, ECO 3332/FIN 3302, ECO 3333/FIN 3312, or ECO 4433/FIN 4412			
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	
ICS 1240 Peoples/Cultures of the Contemporary World I.....			
ICS 1241 Peoples/Cultures of the Contemporary World II.....			
ICS 3050/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 1100 General Psychology.....			
PSY 2213 Group Dynamics.....			
PSC 3410 Constitutional Law I.....		HIS 1201 or PSC 1202 or PSC 1204	
PSC 3411 Constitutional Law II: Civil Liberties.....		HIS 1201 or PSC 1202 or PSC 1204	
PSY 2217 Industrial and Organizational Psychology.....			
Liberal Arts electives.....	6		
Any FIT course or HS 1001.....	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.*

## M.S. in Professional Accountancy

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ACC 6101 Accounting Theory and Reporting I.....	4	ACC 1101 and ACC 1102	IT 1001
ACC 6102 Accounting Theory and Reporting II .....	4	ACC 6101	
ACC 6201 Accounting Information Technology and Design.....	3	ACC 1101 and ACC 1102 and IT 1001	
ACC 6301 Managerial Accounting.....	3	ACC 1101 and ACC 1102	
ACC 6401 Auditing and Assurance Services .....	3	ACC 6101 and ACC 6201	
ACC 6402 Advanced Auditing.....	4	ACC 6201 and ACC 6401	
ACC 6501 Individual Taxation .....	3	ACC 1101 and ACC 1102	
ACC 7101 Special Topics in Accounting .....	3	ACC 6102	
ACC 7998 Graduate Research Seminar in Accounting .....	4	ACC 7101	
PHI 7342 Business Ethicss.....	3	BS Degree or One Undergrad PHI course	
Total credits required.....	34		

## 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 0500 or placement exam .....	BUS 1001
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
ACC 2201 Accounting Information Systems .....	3	{ ACC 1101 IT 1001	
ACC 4501 Taxation for Individuals .....	3	ACC 1001 or ACC 1102	
IT 1001 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 0500 or placement exam .....	BUS 1001
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
ACC 2201 Accounting Information Systems .....	3	{ ACC 1101 IT 1001	
ACC 4501 Taxation for Individuals .....	3	ACC 1001 or ACC 1102	
IT 1001 Computer Tools .....	3		
Select <b>ONE</b> of the following courses.....	3		
ACC 4401 Auditing Principles .....		ACC 2101 or department permission	
ACC 4421 Internal Auditing.....		{ ACC 1001 or ACC 1102 BUS 1001	
Total credits required.....	20		

# American Studies Certificate Program

Office: Room 6003 or 6009  
 Phone: (718) 489-5284 or (718) 489-5440

## Directors

Dr. Athena Devlin  
 Dr. Jennifer Wingate

## Certificate Mission

The Certificate in American Studies is an interdisciplinary program bringing together the methods and insights of many departments to give the SFC student a complex, rich and sophisticated understanding of American culture as well as the context for understanding America’s interactions with the larger world.

We are an extremely diverse community in one of the most lively and diverse cities in American. This program focuses on the complex culture created by such diversity and energy and will connect the classroom to the larger world by helping students learn ways to think critically about the culture around them; American Studies offers a dynamic way of exploring our world by using multiple disciplines to form a more sophisticated and useful understanding of American culture.

The Certificate program gives students a “stand out” addition to their transcript and resume. After completing the requirements, students receive an official designation on their final transcript and a certificate in American Studies signed by the Academic Dean and the Director of the program.

## Goals and Objectives

- Develop skills of critical thinking, effective oral and written communication, and research.
- Endorse interdisciplinary or cross disciplinary learning in order to give students a complex understanding of American culture and expose them to historical, artistic, literary, social, political and economic perspectives.
- Examine the city as a “text” or platform for encountering, critiquing and engaging American culture.
- Promote cultural events that support an appreciation for the complexity of American culture and America in a global context

## Program Requirements

### Certificate in American Studies

Required Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Take the <b>THREE</b> following courses.....	9		
AMS 1001 Introduction to American Studies.....			WRI 1100
HIS 3456 American Cultural History .....		AMS 1001, HIS 1201 and WRI 1100	
AMS 4998 Capstone Seminar in American Studies .....		{ AMS 1001, HIS 3456, WRI 1100 and Chairperson’s approval	
Select <b>THREE</b> of the following courses .....	9		
AML 2555 American in the 1940s.....		AMS 1001 and WRI 1100	
PHI 3310 American Philosophy .....		AMS 1001 and Any 2000-level PHI course	
FA 2408 Commemorative Practices in the U.S.....		AMS 1001 and WRI 1100	
AML 2000 Walt Whitman’s America .....		WRI 1100	
AML 3130/SOC 3130 Crime, Justice and American Fiction .....		{ SOC 2010 Any AML, BRL, DRA, or LIT course 2000 or higher	
BUS 2002 Growing Together: American and its Railroads .....		AMS 1001 and WRI 1100	
BL 2000 Law in U.S. Culture: From the Constitution of Law and Order .....		AMS 1001 and WRI 1100	
BIO 1001 History of Science and Medicine in America.....		AMS 1001 and WRI 1100	
COM 3150 Popular Music.....		AMS 1001 and COM 2000	
Total credits required.....	18		



# Biology and Health Promotion

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**Office:** Room 5220  
**Phone:** (718) 489-5439

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## ***Chairperson***

Dr. Kathleen Nolan

## ***Professors***

Burdowski  
Corrigan  
Glascoek  
Lipson  
Nolan

## ***Assistant Professors***

Eaddy  
Ellison  
Mohan

## ***Laboratory Instructor***

Joseph

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## ***Adjuncts***

Aarons  
Braun  
Congo  
Douglas  
Dugan  
Falotico  
Hernandez  
Koneva-Hanson  
McCarthy  
Samarrai  
Samms  
Wendt  
Wiers

## Mission of Biology Major

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. Students will learn classical biology and concepts in molecular and cellular biology and biotechnology that are current and cutting-edge areas of study in biology and medicine. 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.

Besides 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 and Health Promotion department offers majors in Biology, Biomedical Science (podiatric), Medical Technology, and Radiologic Sciences; Radiologic Sciences and Medical Technology are offered in association with NY Methodist Hospital and St. Johns' Catholic Medical Centers of New York (St. Francis College awards the B.S. degree). The Radiologic Sciences program at NY Methodist Hospital has three areas of concentration: radiography, radiation therapy and diagnostic medical sonography. All programs are supervised by the SFC Biology and Health Promotion 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 subject matter. Students are trained in reflective and analytical and critical 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, genetics, and evolution. The second semester emphasizes an evolutionary, ecological, and organismal approach to biology. During the first year, the student is encouraged to take IT 1001 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 the second year, students study organic chemistry, basic cell biology, genetics, and other 2000- or 3000-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. The student may substitute the GRE for the comprehensive exam.

The courses required for the major are BIO 1201-1202 General Biology; BIO 2250 Introduction to Cell Biology, recommended in the semester following the completion of BIO 1202; BIO 3303 Genetics; BIO 4998 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 2203 Calculus II. Students interested in bioinformatics must take IT 1104 Computer Programming. Students must choose at least one course listed under each of the three areas of concentration for their advanced biology classes.

## Mission of the Health Promotion and Science Major

The Health Promotion and Science major provides a fundamental and thorough education in the liberal arts tradition while concurrently providing pre-professional preparation. 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 program is 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 and fitness organizations.*
- *Investigate, analyze, and write a well-documented research paper based on a complex health problem.*
- *Formulate a comprehensive oral presentation.*
- *Develop, achieve, and sustain a lifelong commitment to personal and professional growth.*
- *Receive preparation for graduate study*
- *Prepare health promotion majors for National certification as Health Education Specialists*

## Program Requirements

### Major in Health Promotion

Health Promotion and Science major offers students the opportunity to study an exciting and growing segment of the health and fitness industry, preparing them for employment in corporations, local, state and national health organizations, 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 national certifying examination, C.H.E.S. (Certified Health Education Specialist) examination.

### Policy on Transfer Credits in Health Promotion

The Health Promotion major affirms its commitment to welcoming transfer students but also to retaining high standards of performance for our graduates. To that end we apply the following criteria to transfers from other colleges.

*Accept up to 9 credits of health requirements or electives, but only for courses we already offer. Examples of required courses include Community Health (HS 1201) and Epidemiology (HS 2406). Examples of health electives include Nutrition, Safety & First Aid, Coping with Stress. Do NOT accept general health or clinical courses for health electives. These credits can be applied to the copious free electives in the major. Do NOT accept transfer credits for the basic major sequences of requirements (HS 2150, 2151, 3250, 3251, HS 4995, 4350 and 4998. These must be taken within the department to ensure consistency in both content and format (APA).*

### 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 4998 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 Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42-44		
➔ Select the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 2202 Calculus I .....		MAT 1107 or placement exam	
➔ Select <b>ONE</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 2203 Calculus II.....		MAT 2202	
MAT 2301 Statistics.....		MAT 1104 or higher or placement exam	
BIO 1201 General Biology I.....	5		CHE 1201
BIO 1202 General Biology II.....	5	BIO 1201 .....	CHE 1202
BIO 2250 Introduction to Cell Biology.....	4	BIO 1202 .....	CHE 2101
BIO 3303 Genetics.....	4	BIO 1202	
BIO 4998 Biology Seminar.....	1	} Biology major Senior standing	
Select <b>ONE</b> course from Group A below.....	4		
Select <b>ONE</b> course from Group B below.....	4		
Select <b>ONE</b> course from Group C on the next page.....	3-4		
Any BIO course 2000 or higher.....	4		
CHE 1201 General Chemistry I .....	4	} MAT 1107 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 2202	
PHY 2002 General Physics II .....	4	PHY 2001	
Free electives <sup>1</sup> .....	18		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Total credits required .....	128-130		

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

<sup>1</sup> 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 <b>ONE</b> of the following courses.....	4		
BIO 2203 Invertebrate Zoology .....		BIO 1202	
BIO 2204 Ecology.....		BIO 1202	
BIO 2280 Biological Evolution.....		BIO 1202	
BIO 3302 Botany.....		BIO 1202	
Total credits required .....			

### **Group B—Molecular and Cellular Biology**

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select <b>ONE</b> of the following courses.....	4		
BIO 2206 Histology .....		BIO 1202	
BIO 3310 Cell Biology.....		} BIO 2250 CHE 2102	
BIO 3320 Molecular Biology.....			BIO 1202
BIO 4405 Immunology .....		CHE 2102	
BIO 4480 Bioinformatics .....		BIO 3310	
		} BIO 2250 CHE 2102 IT 1104	
Total credits required .....	4		



## Group C—Organismal Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select <b>ONE</b> of the following courses.....	3-4		
BIO 2202 Comparative Anatomy.....		BIO 1202	
BIO 2210 Developmental Biology.....		BIO 1202	
BIO 3301 Microbiology.....		BIO 1202	
BIO 3350 Physiology.....		{ BIO 1202 CHE 2102	
BIO 4403 Endocrinology.....		BIO 3350	
BIO 4409 Neurobiology.....		BIO 3310	
BIO 4420 Virology.....		{ BIO 3301 CHE 2102	
BIO 4450 Pharmacology.....		BIO 3350	
Total credits required.....	3-4		

## 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.....	42		
▶ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 2202 Calculus I.....		MAT 1107 or placement by exam	
MAT 2301 Statistics.....		MAT 1104 or higher or placement by exam	
BIO 1201 General Biology I.....	5	.....	CHE 1201
BIO 1202 General Biology II.....	5	BIO 1201.....	CHE 1201
BIO 2250 Introduction to Cell Biology.....	4	BIO 1202.....	CHE 2101
BIO 3303 Genetics.....	4	BIO 1202	
BIO 3320 Molecular Biology.....	4	{ BIO 1202 CHE 2102	
CHE 1201 General Chemistry I.....	4	.....	MAT 1107 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 2202	
PHY 2002 General Physics II.....	4	PHY 2001	
Cooperative Training Program through New York College of Podiatric Medicine.....	33		
Any FIT course or HS 1001.....	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 Technol-

ogy 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 <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 2202 Calculus I .....		MAT 1107 or placement by exam	
MAT 2301 Statistics.....		MAT 1104 or higher or placement exam	
BIO 1201 General Biology I.....	5		CHE 1201
BIO 1202 General Biology II.....	5	BIO 1201.....	CHE 1202
BIO 3301 Microbiology .....	4	BIO 1202	
BIO 4405 Immunology .....	4	BIO 3310	
CHE 1201 General Chemistry I .....	4	{ MAT 1107	
		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 2202	
PHY 2002 General Physics II .....	4	PHY 2001	
Cooperative Hospital Training.....	32		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	2		
<b>Total credits required .....</b>	<b>128</b>		

## Major in Radiologic Sciences

The program in Radiologic Sciences is offered jointly with the St. John's University. 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 .....	43		
➔ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 1140 Anatomy and Physiology for Health Science I.....			
BIO 1141 Anatomy and Physiology for Health Science II .....		BIO 1140	
IT 1001 Computer Tools .....	3		
Any MAT course .....	3		
PSY 1100 General Psychology.....	3		
PHY 1001 Physics and the Modern World.....	3		
Radiologic Science credits at Catholic Medical Center .....	63		
Liberal Arts and Sciences .....	6-7		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
<b>Total credits required .....</b>	<b>128</b>		



## Major in Health Promotion

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
➔ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 1107-1108 or BIO 1140-1141 Anatomy and Physiology .....			
MAT 2301 Statistics.....		MAT 1104 or higher or placement exam	
➔ Select the following course to satisfy the Religious Studies core requirement			
REL 2502 Moral Values and Health Issues .....			
HS 1201 Community Health .....	3		
HS 2150 Methods of Teaching Health .....	3		
HS 2151 Theory and Research in Health Promotion .....	3	HS 2150	
HS 3250 Designing Health-Promotion Programs .....	3	HS 2151	Two health-promotion electives
HS 3251 Implementation and Evaluation of Health-Promotion Programs .....	3	HS 3250	
HS 2406 Epidemiology.....	3		
HS 4990 Internship in Allied Health Promotion.....	3	15 HS credits	
HS 4350 Introduction to Research and Bioethics in Health Promotion.....	3	HS 3251	Senior standing Instructor approval.
HS 4998 Seminar in Health Promotion.....	3	HS 4350	
Select <b>THREE</b> health-promotion-electives.....	9		
IT 1001 Computer Tools .....	3		
PSY 1100 General Psychology.....	3		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	41		
<b>Total credits required</b> .....	<b>128</b>		

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

## 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 1201 General Biology I.....	5		CHE 1201
BIO 1202 General Biology II.....	5	BIO 1201 .....	CHE 1202
BIO 2250 Introduction to Cell Biology.....	4	BIO 1202.....	CHE 2101
Select <b>TWO</b> BIO courses .....	6-8		
CHE 1201 General Chemistry I .....	4	MAT 1107 or exam	
CHE 1202 General Chemistry II.....	4	CHE 1201	
<b>Total credits required</b> .....	<b>28-30</b>		

## Minor in Health Promotion

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, communica-

tions, 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 2150 Methods of Teaching Health .....	3		
HS 2151 Theory and Research in Health Promotion .....	3	HS 2150	
HS 3250 Designing Health-Promotion Programs .....	3	{ HS 2151 Two health-promotion courses	
HS 3251 Implementation and Evaluation of Health-Promotion Programs .....	3	HS 3250	
Select <b>TWO</b> of the following courses .....	6		
HS 1201 Community Health .....			
HS 1206 Safety and First Aid.....			
HS 1207 Nutrition .....			
HS 1305 Coping with Stress .....			
HS 1306 Healing and Wholeness .....			
HS 1403 Women's Health Issues .....			
HS 1419 Death, Loss, and Grief.....			
HS 2406 Epidemiology.....			
<b>Total credits required</b> .....	<b>18</b>		

## CHES Completion Program

The CHES completion program invites Bachelors prepared professionals in health education, public health and selected social sciences, to take the courses necessary to sit for the Certifies Health Education Specialist (CHES) Examination.

The CHES examination is a competency-based tool used to measure possession, application and interpretation of knowledge in the Seven Areas of Responsibility for Health Educators delineated by A Competency-Based Framework for Health Education 2006. The exam reflects the entry-level sub-competencies of these areas of responsibility. Consisting of 150 multiple-choice questions, the CHES examination is offered in paper-and-pencil format at college campuses throughout the United States.

### CHES Exam Eligibility

Eligibility to take the CHES examination is based exclusively on academic qualifications. An individual is eligible to take the examination if he/she has:

- A. A bachelor's, master's or doctoral degree from an accredited institution of higher education; AND one of the following:
- B. An official transcript (including course titles) that clearly shows a major in health education, e.g., Health Education, Community Health Education, Public Health Education, School Health Education, etc.
- C. Degree/major must explicitly be in a discipline of "Health Education."

OR

- D. An official transcript that reflects at least 25 semester hours or 37 quarter hours of course work with specific preparation addressing the Seven Areas of Responsibility and Competency for Health Education.

### Classes addressing the Core Competency areas include but are not limited to:

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
HS 1001 Health Issues.....	2		
HS 1201 Community Health .....	3		
HS 2105 Introduction to Health Promotion .....	3		
HS 2151 Theory and Research in Health Promotion .....	3	HS 2150	
HS 2406 Epidemiology.....	3		
HS 3250 Designing Health Promotion Programs .....	3	HS 2151	
HS 3251 Implementation and Evaluation of Health Promotion Programs .....	3	HS 3250	
HS 4350 Introduction to Research and Bioethics in Health Promotion.....	3	HS 3251	
HS 4998 Seminar in Health Promotion.....	3	{ HS 4350 Senior Standing	



# Chemistry and Physics

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**Office:** Room 7202  
**Phone:** (718) 489-5295

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## *Chairperson*

Dr. Evelyn A. Wolfe

## *Professor*

Wolfe

## *Associate Professor*

Davidson

## *Assistant Professors*

Califano

---

## *Professors Emeriti*

Burke

Quigley

## *Adjuncts*

Adebayo-Olojo

Arafat

Bass

Slinin

Linkus

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## 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.



## 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 <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 2202 Calculus I .....		MAT 1107 or placement exam	
MAT 2203 Calculus II.....		MAT 2202	
BIO 1201 General Biology I.....	5		CHE 1201
BIO 1202 General Biology II.....	5	BIO 1201 .....	CHE 1202
CHE 1201 General Chemistry I .....	4	{ MAT 1107 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	CHE 1202 and Chairperson's approval	
CHE 3001 Biochemistry .....	4	CHE 2102	
CHE 4001 Physical Chemistry I .....	4	{ CHE 2102 MAT 2203 PHY 2002	
CHE 4002 Physical Chemistry II.....	4	CHE 4001	
CHE 4050 Instrumental Methods of Analysis .....	4	CHE 2050 and CHE 4001	
CHE 4998 Senior Project.....	3	Chairperson's approval	
PHY 2001 General Physics I.....	4	MAT 2202	
PHY 2002 General Physics II .....	4	PHY 2001	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives <sup>1</sup> .....	19		
<b>Total credits required .....</b>	<b>128</b>		

<sup>1</sup> All majors are advised to gain computer and/or second language proficiency.



## Major in Chemistry – Concentration in Information Technology (IT)

In addition to the traditional chemistry major above, the department recognizes the fast developing field of IT and its career opportunities. The chemistry major with a concentration in IT is designed to expose the student to computational

resources which would enable knowledge of collecting, disseminating, and analyzing observational or experimental data, or data from models or simulations in scientific research.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	44		
➔ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 2202 Calculus I .....		MAT 1107 or placement exam	
MAT 2203 Calculus II .....		MAT 2202	
BIO 1201 General Biology I .....	5		CHE 1201
BIO 1202 General Biology II .....	5		CHE 1202
CHE 1201 General Chemistry I .....	4	{ MAT 1107 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	CHE 1202 and Chairperson's approval	
CHE 3001 Biochemistry .....	4	CHE 2102	
CHE 4001 Physical Chemistry I .....	4	{ CHE 2102 MAT 2203 PHY 2002	
CHE 4050 Instrumental Methods of Analysis .....	4	CHE 2050, CHE 4001,	
CHE 4998 Senior Project .....	3	Chairperson's approval	
PHY 2001 General Physics I .....	4	MAT 2202	
PHY 2002 General Physics II .....	4	PHY 2001	
IT 1001 Computer Tools .....	3		
IT 1103 Computer-Based Information Systems .....	3	IT 1001	
IT 1104 Programming I .....	3	IT 1001	
IT 2410 Web Design .....	3	IT 1001	
IT 2510 Database Management Systems .....	3	IT 1103	
IT 2550 Medical Informatics .....	3	IT 1001	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	5		
<b>Total credits required .....</b>	<b>128</b>		

<sup>1</sup> 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 1201/BIO 1202) 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 St. John's University. 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 St. John's University. 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—St. John's Physician Assistant Program is highly competitive. Admission to the professional phase at with St. John's 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. John's)

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 (at St. John's, years 3 and 4): Admission into the professional phase is competitive. St. John's 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 1140, BIO 1141, 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 <b>BOTH</b> of the following course to satisfy the Natural Science/Mathematics core requirement			
MAT 1107 Algebra and Trigonometry for Science Majors	4	MAT 1105 or placement exam	
MAT 2301 Statistics	4	MAT 1104 or higher or placement exam	
▶ Select the following course to satisfy the Liberal Arts core requirement			
PSY 1100 General Psychology	4		
BIO 1140 Anatomy and Physiology for Health Science I	4		
BIO 1141 Anatomy and Physiology for Health Science II	4	BIO 1140	
BIO 1201 General Biology I	5		CHE 1201
BIO 1202 General Biology II	5	BIO 1201	CHE 1202
BIO 3301 Microbiology	4	BIO 1202	
CHE 1201 General Chemistry I	4	{ MAT 1107 or exam	
CHE 1202 General Chemistry II	4	CHE 1201	
CHE 2001 Biochemical Science	4	CHE 1202	
Physician Assistant credits at			
St. John's	60		
Any FIT course or HS 1001	2		
SFC 1001 Freshman Seminar	1		
<b>Total credits required</b>	<b>140</b>		



## 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 with St. John's 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 1201 General Biology I.....	5	.....	CHE 1201
BIO 1202 General Biology II.....	5	BIO 1201.....	CHE 1202
BIO 3301 Microbiology.....	4	BIO 1202	
CHE 1201 General Chemistry I.....	4	{ MAT 1107 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 1107 Algebra and Trigonometry for Science Majors.....	4	MAT 1105 or placement exam	
PSY 1100 General Psychology.....	3		
Select <b>ONE</b> of the following courses.....	3		
PSY 1103 Child and Adolescent Psychology.....			
PSY 1108 Life-Span Development.....			
PSY 1104 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 1107 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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**Office:** Room 7316  
**Phone:** (718) 489-5438

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## ***Chairperson***

Dr. Lynne Jackson

## ***Professors***

Berleth  
Jackson

## ***Assistant Professors***

Dugan  
Weiss

## ***Special Lecturer***

Gewirtz  
McSherry

## ***Professor Emeritus***

Setrakian

## ***Professor Emerita***

Vigliano

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## ***Adjuncts***

Coulanges  
Efteriades  
Ferullo  
Grant  
Helfer  
Karels  
Malfitiano  
Turner  
Yannacañedo

## Department Mission

The Communication Arts program seeks to approach today's vast and rapidly changing communications world through four areas of focused study: film and broadcasting; advertising and public relations; performance studies; and English and Communication studies. The Department also offers course clusters in media and journalism.

While the program encourages specialized preparation for career and graduate school, Communication Arts contributes to the Core Program at St. Francis College through Fundamentals of Speech, a course required of all undergraduates. Through this offering the Department participates in the liberal arts tradition of the College, helping to foster skills vital to success in college and life. Speech is a component of the College's Freshman Year Program.

Events sponsored by Communication Arts reflect the program's commitment to excellence in pre-professional and professional training. The annual St. Francis Film Festival is a celebration of inspiration and production excellence in video and cinema. The Delaney Speech Contest is a college-wide contest organized to display the presentation and performance abilities of students from all classes and majors. The Department's annual theatrical is mounted in conjunction with acting, production, and writing workshops. A new lecture series in public relations and business communication brings the latest developments in advertising, journalism, and media to the attention of interested students.

The Communication Arts Program is supported by a new TV studio installation capable of High Definition, by a new computer laboratory dedicated to video editing and advertising design, and by a multi-purpose black box theater fully equipped with professional lighting.

Regardless of specialized tracks selected, all students majoring in this program receive a BA degree in Communication Arts or Communications and English. The program's wide range of

successful graduates provides an excellent network for mentoring and employment. Internships, available to qualified juniors and seniors, build on the program's deep roots in New York City's communication industries.

## 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 ethical, social, economic, 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

In order to graduate as a Communication Arts major all students are required to pass the Senior Comprehensive course, COM 4997 or COM 4998. This course requires successful completion of a research study, a 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 expression.

NOTE: There is no GPA requirement for taking Senior Comprehensive, but only students with senior status may enroll. The individual tutorial version is COM 4997, the seminar is COM 4998. Senior students on the English and Communications track do not take the Senior Comprehensive but complete ENG 4997, Senior Thesis instead.

ALSO NOTE: Advanced study in Communication Arts usually requires students to have passed appropriate gateway courses. These are typically COM 1000, COM 2020, COM 2000, COM 3400, COM 3100 or 3110, COM 3300, COM 3410 and COM 4300. These courses should be taken early in a student's career in order to prepare for further specialization.

Independent Study or COM 4995 is undertaken on a tutorial basis with a faculty member of the Department. The purpose of Independent Study is to explore topics in depth; an original research paper or equivalent project, along with supporting log, is required for completion. In order to qualify for Independent Study a student should maintain a minimum 3.0 GPA.

Students with at least a 3.0 index are encouraged to seek internships in industries related to their concentration. Field Experience or COM 4990 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. Consult the Communication Arts Chairperson for further instructions.

## Major in Communication Arts—Concentration in Advertising/Public Relations

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
BUS 1001 Organization and Management.....	3		
COM 2000 Mass Communication.....	3	COM 1000	
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500	
IT 2410 Web Design.....	3	IT 1001	
COM 3200 News Writing .....	3	{ COM 2000 or COM 3400	
		{ WRI 1100	
Select <b>ONE</b> of the following courses.....	3		
COM 2050 Group Process .....		COM 1000	
COM 2600 Organizational Communication.....		COM 1000	
Select <b>ONE</b> of the following courses.....	3		
COM 3100 History of Film .....		COM 2000	
COM 3110 Studies of Film.....		COM 2000	
Select <b>ONE</b> of the following courses.....	3		
COM 3000 Topics in Mass Communication .....		COM 2000	
COM 3120 History of Television .....		COM 2000	
COM 3130 Modern Radio .....		COM 2000	
COM 3300 Television Studio Production.....	3	COM 2000	
COM 3400 Persuasion.....	3	COM 1000	
COM 3410 Advertising .....	3	COM 2000 or COM 3400	
COM 4410 Creative Advertising .....	3	{ COM 2000	
		{ COM 3400	
		{ COM 3410	
Select <b>ONE</b> of the following courses.....	3		
COM 3600 Communications and the Law .....		COM 2000	
COM 4600 Global Communications .....		{ COM 2000	
		{ COM 3100 or COM 3110	
COM 4420 Public Relations in Modern Media.....	3	{ COM 3200	
		{ COM 3400	
		{ COM 3410	
COM 4610 Political Communication.....	3	COM 2000	
COM 4998 Senior Comprehensive .....	3	Senior standing	
IT 1001 Computer Tools .....	3		
MKT 2201 Marketing .....	3	BUS 1001	
Select <b>ONE</b> of the following courses.....	3		
MKT 3304 Marketing Management .....		MKT 2201	
MKT 3307 Advertising and Sales Promotion.....		MKT 2201	
MKT 3316 Merchandising .....		MKT 2201	
MKT 3330 International Marketing .....		MKT 2201	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	27		
<b>Total credits required .....</b>	<b>129</b>		

*The successful completion of COM 4997 or COM 4998 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 2000 Mass Communication .....	3		
COM 2020 The Oral Tradition .....	3	COM 1000	
COM 3400 Persuasion .....	3	COM 1000	
Select <b>ONE</b> of the following courses .....	3		
COM 3100 History of Film .....		COM 2000	
COM 3110 Studies in Film .....		COM 2000	
Select <b>ONE</b> of the following courses .....	3		
COM 3200 News Writing .....		COM 2000 or COM 3400 WRI 1100	
COM 4200 Writing for Performance .....			WRI 1100
COM 4300 Basic Film and Video Production .....	3	COM 3100 or COM 3110	
COM 4600 Global Communications .....	3	COM 2000, COM 3100 or COM 3110	
Select <b>ONE</b> of the following courses .....	3		
COM 2100 Acting I .....		COM 1000	
COM 4330 Directing .....		COM 4300	
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 <b>TWO</b> 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 Chairperson's approval	
Select <b>TWO</b> foreign language courses in sequence .....	6		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	27		
<b>Total credits required</b> .....	<b>129</b>		

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

## Major in Communication Arts—Concentration in Digital Media: Film-Broadcasting and Journalism

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
Select <b>ONE</b> of the following courses.....	3		
COM 2010 Voice and Diction .....		COM 1000	
COM 2020 The Oral Tradition .....		COM 1000	
COM 3400 Persuasion.....	3	COM 1000	
Select <b>ONE</b> of the following courses.....	3		
COM 2040 Interpersonal Communication .....		COM 1000	
COM 2050 Small Group Discussion .....		COM 1000	
COM 2000 Mass Communication.....	3	COM 1000	
Select <b>ONE</b> of the following courses.....	3		
COM 3100 History of Film .....		COM 2000	
COM 3110 Studies in Film .....		COM 2000	
COM 3200 News Writing .....	3	{ COM 2000 or COM 3400 WRI 1100	
COM 3300 Television Studio Production.....	3	COM 2000	
COM 3410 Advertising .....	3	COM 2000 or COM 3400	
COM 4300 Basic Digital Media Production .....	3	COM 2000 and COM 3100 or COM 3110	
Select <b>ONE</b> of the following courses.....	3		
COM 4320 Advanced Digital Media Production.....		COM 2000 and COM 3100 or COM 3110 and COM 4300	
COM 4340 Documentary Film and Video Workshop .....		COM 4300	
Select <b>ONE</b> of the following courses.....	3		
COM 4100 Film Criticism.....		COM 2000, COM 3100 or COM 3110	
COM 4600 Global Communications .....		COM 2000 and COM 3100 or COM 3110	
COM 2100 Acting I .....	3	COM 1000	
COM 4200 Writing for Performance.....	3	WRI 1100	
COM 4330 Directing .....	3	COM 4300	
COM 4997 Senior Comprehensive .....	3	Senior standing	
Select <b>ONE</b> of the following courses.....	3		
COM 3000 Topics in Mass Communication .....		COM 2000	
COM 3120 History of Television .....		COM 2000	
COM 3130 Modern Radio .....	3	COM 2000	
IT 1001 Computer Tools .....	3		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	33		
<b>Total credits required</b> .....	<b>129</b>		

*The successful completion of COM 4997 or COM 4998 satisfies the College's Comprehensive Examination/Thesis requirement.*

## Major in Communication Arts— Concentration in Performance Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
COM 2000 Mass Communication.....	3	COM 1000	
COM 2020 The Oral Tradition.....	3	COM 1000	
COM 2040 Interpersonal Communication.....	3	COM 1000	
COM 2050 The Group Process.....	3	COM 1000	
COM 2100 Acting I: Voice and Movement .....	3	COM 1000	
COM 2110 Acting II: Scene Study.....	3	COM 2100	
Select <b>ONE</b> of the following courses.....	3		
COM 3100 History of Film .....		COM 2000	
COM 3110 Studies in Film .....		COM 2000	
COM 3140 Media and Performance Studies .....	3	COM 2020	
COM 3200 News Writing .....	3	{ COM 2000 or COM 3400 WRI 1100	
COM 3300 Television Studio Production.....	3	COM 2000	
COM 3400 Persuasion.....	3	COM 1000	
COM 4200 Writing for Performance.....	3	WRI 1100	
COM 4300 Basic Film and Video Production .....	3	COM 3100 or COM 3110	
COM 4330 Directing .....	3	COM 4300	
COM 4350 Theater Production Workshop.....	3	COM 2100	
COM 4997 Senior Comprehensive .....	3	Senior standing	
IT 1001 Computer Tools .....	3		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	33		
<b>Total credits required.....</b>	<b>129</b>		

*The successful completion of COM 4997 or COM 4998 satisfies the College's Comprehensive Examination/Thesis requirement.*

## Minor in Communication Arts

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
COM 1000 Fundamentals of Speech.....	3		
COM 3400 Persuasion.....	3	COM 1000	
Select <b>THREE</b> of the following courses .....	9		
COM 2000 Mass Communication.....		COM 1000	
COM 2040 Interpersonal Communication .....		COM 1000	
COM 2100 Acting I.....		COM 1000	
COM 2110 Acting II.....		COM 2100	
COM 3000 Topics in Mass Communication .....		COM 2000	
COM 3100 History of Film .....		COM 2000	
COM 3110 Studies in Film .....		COM 2000	
COM 3410 Advertising.....		COM 2000 or COM 3400	
COM 4420 Public Relations in Modern Media .....		{ COM 3200 COM 3400 COM 3410	
<b>Total credits required.....</b>	<b>15</b>		



# Economics, History, Political Science and Social Studies

Office: Room 5320  
Phone: (718) 489-5266

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## ***Chairperson***

Dr. Paddy Quick

## ***Professor Emertius***

Hughes  
Sparr

## ***Professor***

Macchiarola  
Quick  
Sorrentino

## ***Associate Professor***

Houlihan  
Huato  
Sennick  
Tabrizi

---

## ***Assistant Professor***

Platt

## ***Adjuncts***

Clement, G  
Clement, P  
Kaczynski  
Lamoureux  
Mathieu  
Rhoeheit  
Rosof  
Simonsen  
Surillo-Luna  
Tippit  
Weinstein  
Williams

The programs offered by the department of Economics, History, Political Science and Social Studies have a unique and complementary approach to liberal learning. The department 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.

## **Mission of the Economics Major**

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.

## **Mission of the Majors in History and Political Science**

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.

Together the department of History and Political Science 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 and political science 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

### Major in Economics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
▶ Select <b>TWO</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1105 College Algebra .....		MAT 0070 or placement exam	
MAT 1109 Mathematics for Managerial Science I .....		MAT 1105 or placement exam	
MAT 1110 Mathematics for Managerial Science II .....		MAT 1109	
MAT 2202 Calculus I .....		MAT 1107 or placement exam	
MAT 2203 Calculus II .....		MAT 2202	
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics .....	3	ECO 1201	
ECO 2306 Money and Banking .....	3	ECO 1201; Pre or co-requisite: ECO 2202	
ECO 3313 Applied Statistics for Economics .....	3	ECO 1201 MAT 2301 or ORM 3301	
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 <b>SIX</b> ECO courses .....	18		
Select <b>ONE</b> of the following four groups .....	6-8		
Group A—Select <b>TWO</b> ACC courses in sequence <sup>1</sup>			
Group B—Select <b>TWO</b> IT courses in sequence			
Group C—Select <b>TWO</b> MGT courses in sequence			
Group D—Select <b>BOTH</b> of the following courses			
ICS 1240 Peoples/Cultures of the Contemporary World I .....			
ICS 1241 Peoples/Cultures of the Contemporary World II .....			
Select <b>ANY TWO</b> HIS, PSC, SOC, or foreign language courses in sequence .....	6		
IT 1001 Computer Tools .....	3		
Select <b>ONE</b> of the following courses .....	3		
MAT 2301 Statistics .....		MAT 1104 or placement exam	
ORM 3301 Empirical Methods for Business analysis .....		MAT 1105	
PSC 2404 Government and Business: 1865–Present .....	3	24 college credits	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	25-27		
<b>Total credits required</b> .....	<b>129</b>		

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

<sup>1</sup> 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 <b>TWO</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1105 College Algebra .....		MAT 0700 or placement exam	
MAT 1109 Mathematics for Managerial Science I .....		MAT 1105 or placement exam	
MAT 1110 Mathematics for Managerial Science II .....		MAT 1109	
MAT 2202 Calculus I .....		MAT 1107 or placement exam	
MAT 2203 Calculus II .....		MAT 2202	
ACC 1101 Elementary Accounting I .....	4	MAT 0500 or placement exam	BUS 1001
ACC 1102 Elementary Accounting II .....	4	ACC 1101	
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre or co-requisite)	
ECO 2202 Principles of Microeconomics .....	3	ECO 1201	
ECO 2306 Money and Banking .....	3	ECO 1201; pre or co-requisite: ECO 2202	
ECO 3313 Applied Statistics for Economics .....	3	{ ECO 1201 MAT 2301 or ORM 3301	
ECO 3331/FIN 3301 Principles of Finance .....	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
Select <b>TWO</b> of the following courses .....	6		
ECO 3332/FIN 3302 Managerial Finance .....		{ ECO 3331/FIN 3301 MAT 1109	
ECO 3333/FIN 3311 Investment Analysis .....		{ ECO 3331/FIN 3301 MAT 1109	
ECO 3334/FIN 3334 Government Finance .....		{ ECO 3331/FIN 3301 MAT 1109	
ECO 4433/FIN 4412 Portfolio Management .....		{ ECO 3331/FIN 3301 MAT 1109	
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 <b>THREE</b> ECO courses .....	9		
Select <b>ANY TWO</b> HIS, PSC, SOC or foreign language courses in sequence .....	6		
IT 1001 Computer Tools .....	3		
Select <b>ONE</b> of the following courses .....	3		
MAT 2301 Statistics .....		MAT 1104 or placement exam	
ORM 3301 Empirical Methods for Business Analysis .....		MAT 1105	
PSC 2404 Government and Business: 1865-Present .....	3	24 college credits	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	25		
<b>Total credits required</b> .....	<b>129</b>		

*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 <b>TWO</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1105 College Algebra .....		MAT 0700 or placement exam	
MAT 1109 Mathematics for Managerial Science I .....		MAT 1105 or placement exam	
MAT 1110 Mathematics for Managerial Science II .....		MAT 1109	
MAT 2202 Calculus I .....		MAT 1107 or placement exam	
MAT 2203 Calculus II .....		MAT 2202	
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2201 Principles of Microeconomics .....	3	ECO 1201	
ECO 2306 Money and Banking .....	3	ECO 1201; pre- or co-requisite: ECO 2202	
ECO 3304 Economics of Less Developed Countries .....	3	ECO 1201	
ECO 3305/ICS 3305 European Economics .....	3	ECO 1201	
ECO 3313 Applied Statistics for Economics .....	3	{ ECO 1201 MAT 2301 or ORM 3301	
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 <b>THREE</b> ECO courses .....	9		
Select <b>ANY TWO</b> HIS, PSC, SOC, or foreign language courses in sequence (choose courses relating to countries other than the U.S.) .....	6		
ICS 1240 Peoples/Cultures of the Contemporary World I .....	3		
ICS 1241 Peoples/Cultures of the Contemporary World II .....	3		
IT 1001 Computer Tools .....	3		
Select <b>ONE</b> of the following courses .....	3	{ MAT 1104 or placement exam MAT 1105	
MAT 2301 Statistics .....			
ORM 3301 Empirical Methods for Business analysis .....			
PSC 2404 Government and Business: 1865–Present .....	3	24 college credits	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	27		
<b>Total credits required</b> .....	<b>129</b>		

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 <b>TWO</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1105 College Algebra .....		MAT 0700 or placement exam	
MAT 1109 Mathematics for Managerial Science I.....		MAT 1105 or placement exam	
MAT 1110 Mathematics for Managerial Science II.....		MAT 1109	
MAT 2202 Calculus I .....		MAT 1107 or placement exam	
MAT 2203 Calculus II.....		MAT 2202	
BUS 1001 .....	3	MAT 0500 or placement exam (pre-or co-requisite)	
Select <b>ONE</b> of the following courses:.....	3-4	MAT 0500 or placement exam (pre- or co-requisite)	
ACC 1001 Introduction to Accounting .....			
ACC 1101 Elementary Accounting I.....			
BL 2101 Business Law I.....	3		
ECO 1201 Principles of Macroeconomics .....	3		
ECO 2202 Principles of Microeconomics .....	3		
ECO 2306 Money and Banking.....	3		
ECO 3331/FIN 3301 Principles of Finance.....	3		
ECO 3334/ FIN 3334 Government Finance .....	3		
Select <b>TWO</b> of the following courses: .....	6		
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 and ECO 2202	
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 2301 or ORM 3301	
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 <b>TWO</b> ECO courses.....	6		
IT 1001 Computer Tools .....	3		
Select <b>ONE</b> of the following courses.....	3		
MAT 2301 Statistics .....		MAT 1104 or placement exam	
ORM 3301 Empirical Methods for Business analysis .....		MAT 1105	
PSC 1204 American National Government .....	3		
PSC 2309 Public Administration .....	3	PSC 1204	
PSC 2404 Government and Business: 1865-Present .....	3		
Select <b>ONE</b> of the following courses: .....	3		
PSC 2304 State and Local Government .....		15 college credits	
PSC 2306 Metropolitan Government and Politics .....		15 college credits	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	20-21		
<b>Total credits required</b> .....	<b>128-130</b>		

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

## 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 2000 or higher .....	3		
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics .....	3	ECO 1201	
Select <b>ANY 12-CREDIT COMBINATION</b> of the following .....	12		
Foreign language courses in sequence			
Information Technology [IT] courses in sequence			
MAT 2301 Statistics .....		MAT 1104 or placement exam	
Select <b>ONE</b> of the following courses.....	3		
HIS 3202 Ancient History.....		HIS 1201	
HIS 3301 Medieval History.....		HIS 1201	
Select <b>ONE</b> 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 3998 Historical Methods and Historiography.....	3	HIS 1201 and 12 credits in 2000-3000 level HIS courses	
HIS 4998 Historical Seminar .....	3	HIS 1201; HIS 3202 or 3301; HIS 3312 or HIS 3403 or HIS 3404; HIS 3401 and HIS 3402; HIS 3998	Senior standing
Select <b>FIVE</b> HIS courses 2000 or higher .....	15		
PSC 1204 American National Government .....	3		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	27		
<b>Total credits required</b> .....	<b>129</b>		

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



## 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		
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics .....	3	ECO 1201	
Select <b>ANY 6-CREDIT COMBINATION</b> of the following .....	6		
Foreign language courses in sequence			
Information Technology [IT] courses in sequence			
MAT 2301 Statistics .....		MAT 1104 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 <b>ONE</b> course from the following: .....	3		
PSC 2305 Politics of Latin America			
PSC 2317 Government and Politics of Africa			
PSC 2318 Government and Politics of Asia			
PSC 2350 Government and Politics of Russia			
PSC 3424 The United Nations			
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 1202 PSC 1204 PSC 3301 PSC 3406	
Select <b>FIVE</b> PSC courses 2000 or higher .....	15		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	30		
<b>Total credits required</b> .....	<b>129</b>		

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

## Political Science Concentrations

Students majoring in Political Science may choose to concentrate in American Government or Comparative

### American Government

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Choose <b>FOUR</b> of the following:.....	12		
PSC 2303 American Political Parties.....		PSC 1204	
PSC 2304 State and Local Government.....		15 credits	
PSC 2306 Metropolitan Government and Politics.....		15 credits	
PSC 2309 Public Administration.....		PSC 1204	
PSC 2325 Women and Politics.....		PSC 1204 or PSC 2304	
PSC 2407 United States Congress.....		PSC 1204	
PSC 2409 The American Presidents.....		HIS 1201 or PSC 1204	
PSC 3410 Constitutional Law I: The Structure of American Gov't.....		{ HIS 1201 PSC 1202 or PSC 1204	
PSC 3411 Constitutional Law II: Civil Liberties.....		{ HIS 1201 PSC 1202 or PSC 1204	
Total credits required.....	12		

### Comparative Politics/International Affairs

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Choose <b>FOUR</b> of the following:.....	12		
PSC 2305 Politics of Latin America.....		PSC 1202	
PSC 2317 Government and Politics of Africa.....		PSC 1202	
PSC 2318 Government and Politics of Asia.....		PSC 1202	
PSC 2350 Government and Politics of Russia.....		PSC 1202	
PSC 3424 The United Nations.....		PSC 3406	
Total credits required.....	12		

## 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 3000 or higher.....	3		
ECO 1201 Principles of Macroeconomics.....	3	MAT 0500 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 <b>TWO</b> HIS courses 2000 or higher.....	6		
IT 1001 Computer Tools.....	3		
PSC 1204 American National Government.....	3		
PSC 2304 State & Local Government or PSC 2306 Metropolitan Gov. ....	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 <b>SIX</b> SS courses <sup>1</sup> .....	18		
Any FIT course or HS 1001.....	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.*

<sup>1</sup> ECO, HIS, PSC, and SOC courses may be selected with the approval of the advisor.





## Minors

Minors in Economics, History or Political Science provide an introduction to the basic principles of these disciplines, and are

valuable supplements to the educational experience of students in both the professional and liberal arts majors.

### Minor in Economics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics .....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
Select <b>THREE</b> ECO courses 3000 or higher <sup>1</sup> .....	9		
Total credits required.....	18		

<sup>1</sup> For Accounting and Management majors, no more than one ECO/FIN course may be used to satisfy this requirement.

### 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 <b>TWO</b> 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 <b>THREE</b> PSC courses 2000 or higher .....	9		
Total credits required.....	15		



# Education

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**Office:** Room 5311  
**Phone:** (718) 489-5279

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## **Chairperson**

Dr. Richard A. Giaquinto

## **Professor**

Giaquinto

## **Associate Professors**

Leibman  
McNamara  
Shaw

## **Administrative Assistant/Certification Officer**

Yvette Heffelfinger

## **Assistant Professors**

Gair

## **Special Lecturer**

Reecks-Rogers

## **Adjuncts**

Burke  
D'Angelo  
Kurtin  
Leibman  
Maxwell-Ordain  
Quigley  
Protano  
Womg

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## Department Mission

The Education Department prepares teacher candidates to become caring, competent and qualified teachers. This mission is accomplished with course work, field experience, student teaching and explicit modeling by faculty. We believe that children come first.

## 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

SAINT FRANCIS COLLEGE

DEPARTMENT OF EDUCATION

ADMISSION POLICY

By Professors Shaw and Gair

The Education Department is comprised of three Initial Teacher Certification programs of study: Childhood Education (CED), Adolescent Education (AED), and Physical Education (PE). In order to be considered for admission into any one of the three programs of study, a student must first meet several criteria:

- Grade of B or better in ED 1201 Foundations of Education and ED 2020 Educational Psychology as well as Departmental approval.



- 20 SFC credits completed
- Cumulative GPA of 2.75 or better

If a student meets the general criteria listed above, he/she may pursue admission to the program. The following must be completed or submitted as part of the application process:

- Transcripts
- Letter of Recommendation/Character Supplement
- Signed Declaration of Major filed with Registrar
- Entrance Interview
- Personal Statement
- Entrance Interview

An Evaluation Committee of three tenured faculty members interviews potential candidates, completes a rating form and makes a recommendation to the Education Department Chair concerning the predisposition or suitability of the candidate for a teaching career. The interview provides an opportunity for the program faculty to gather information about an applicant's genuine interest in a teaching career, as well as other rating criteria that include: language proficiency, attitude, professional goals, presence, emotional maturity, capacity for empathy, interpersonal skills, collegiality, and an understanding of the ethical dimensions of teaching.

#### **Personal Statement**

As part of the application process, students must also write a personal statement. The document should be three to four pages, double spaced and typed, and respond to questions pertaining to an applicant's background, educational experiences, previous experience in working with children or youth, commitments, and motivation for pursuing a teaching profession. The personal statement is completed on site in a timed and supervised setting. Criteria for evaluating the personal statement consist of but are not limited to: organization of ideas, grammar, the ability to express oneself in a compelling manner, and motivation for teaching.

#### **Letter of Recommendation/Character Supplement**

A letter of recommendation or character supplement must be obtained from an individual who has had an opportunity to observe or work closely with the applicant and can attest to his/her character, personal characteristics, as well as academic competencies where applicable. Suitable respondents may include a professor, mentor, principal, teacher or supervisor. Individuals who are asked to provide a character supplement may respond in writing and/or use a rating scale provided by the department.

Transfer students must meet with the Chair of the Education Department to evaluate their credits and to plan their program. It is at this time that a determination will be made whether the student can be admitted to the Education program of study.

#### **Application Submission and Review**

Applications for admission to the Education Department may be submitted at any time. Completed applications will be reviewed prior to the start of the fall and spring semesters. Applicants wanting to begin in the fall must submit their application by June 1st and applicants wanting to begin in the spring must submit their application no later than December 1st. Incomplete applications will not be considered.

When submitting materials in the mail, please send them to the address below:

St. Francis College  
Education Department  
180 Remsen Street  
Brooklyn, NY 11201

Admission to any of the three tracks within the Education Program will be decided upon by a majority faculty vote. Three possible outcomes include: acceptance, conditional acceptance, and denial. Students will be notified about the outcome of their application in writing, within \_\_\_\_\_ from the time it is submitted.

### **PROGRAM CONTINUATION POLICY**

Once admitted, a student must meet the following requirements in order to maintain his/her standing as a member of the Teacher Education Program:

- Maintain an overall GPA of 2.75 or higher
- Maintain a B or higher in all education coursework
- Maintain a B or higher in area of concentration
- Take the LAST by end of sophomore year
- Take the ATS-W at the conclusion of Methods Courses/end of junior year
- Complete required seminars by end of junior year
- Receive no lower than a C- in any SFC coursework
- Pass a Disposition Rating completed by faculty at end of two full semesters in the program.

Failure to meet the above requirements results in an immediate meeting with the Department Chair. Depending on which criteria have not been met, the student may be placed in the Flag Program—a probationary program lasting one semester-- during which time he/she will be permitted to remain in the education program for that current semester only if certain conditions are met.

Similarly, if at the end of two semesters the Disposition Rating by faculty raises concerns, the student will be referred to the Department Chair for a One Year Review Interview. During the interview, a contract that stipulates those conditions necessary to continue in the program is then signed by the student, the Chair, and the Dean of Freshman Studies.

Failure to satisfy the conditions stipulated in the contract by the end of the period during which the student has been in the Flag Program will result in probation which lasts for one additional semester. If at the end of that semester the student fails to fulfill the requirements as stated in the contract, he/she will be counseled out of the program.

#### **Interview Schedule**

There are three interviews held at benchmarks during the candidate's tenure at SFC. The primary purpose of these meetings is to assess progress in the student's knowledge, skills, and dispositions, to assess strengths and weaknesses, and to suggest areas for future development. The secondary purpose of the interviews is to note areas of concern to the Evaluation Committee and to flag behaviors, attitudes and/or dispositions that in the committee's judgment negatively impact the student's teaching. Three interviews are held during the student's tenure at the following benchmarks:

Entrance Interview – completed during the admissions process

One-Year Review Interview – completed only if student's dispositions raise flags

Readiness for Placement – completed prior to student teaching placement

### **Student Teaching**

Every teacher candidate must complete 300 hours of supervised student teaching in a high needs school. The timeframe of the student teaching must be divided into 150 hours to correspond with the specialization of the teacher candidate. For example, childhood teacher candidates must spend 150 hours in an early childhood setting and the other 150 hours in an upper grade classroom environment. Adolescent and Physical Education teacher candidates must divide their student teaching into 150 hours into two different grade levels.

Teacher candidates will have three visits by their College supervisors to evaluate their performance as pre-service teachers. In addition, their co-operating teachers will also evaluate their performance as student-teachers. In addition, teacher candidates must attend a weekly seminar held by College faculty. The focus of the seminars will concentrate on the following: issues related to student teaching, classroom management, planning, strategies for obtaining teaching positions—resume writing, cover letters and interviewing skills.

Student teachers must complete a portfolio that highlights and reviews their student teaching experience. Final grades in student teaching depend on several criteria: satisfactory completion of 300 hours student teaching based on observations conducted by College supervisors and cooperating teachers; completion of a portfolio; attendance at seminars; and overall performance to be judged by all College supervisors after reviewing all the information accumulated for this purpose.

### **The admission Process for the Education Program**

Students must contact Education Department for special instructions.

### **Advisement**

Program 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/certificate/req](http://www.highered.nysed.gov/tcert/certificate/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 2.75 or higher in their pedagogical and area of liberal arts concentration will be recommended for a NYSED Initial Certification by the Education Department. 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 2005-2011 program years, more than 90 percent of Education program completers seeking New York State certification passed the qualifying exams.

### **Field Experience**

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 4991 or PE 4500 if unable to meet field experience portion of the previous education courses—in order to do this Department approval is necessary. Total credits for each of the following programs will increase by one, two, or three credits if ED 4991 or PE 4500 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 2202 Calculus I.....		MAT 1107 or placement exam	
➔Select <b>ONE</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 2203 Calculus II.....		MAT 2202	
MAT 2301 Statistics.....		MAT 1104 or higher or placement exam	
➔Select the following course to satisfy the Liberal Arts core requirement			
PSY 1103 Child and Adolescent Psychology .....			
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 The Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
AED 2200 Methods and Strategies of Secondary Education.....	3		
ED 2100/PSY 2231 Assessment and Evaluation.....	3	{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher	
ED 4990 Supervised Student Teaching .....	6	Chairperson's approval	
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience .....	1-3..	Chairperson's approval	
CED 4300 Introduction to Reading Instruction.....	3	{ CED 2200 ED 2100 IT 1001	
AED 3320 Special Methods of Secondary Reading Instruction .....	3	{ AED 2200 ED 2100	
AED 3600 Special Methods of Secondary Biology .....	3	{ AED 2200 ED 2100	
Select <b>TWO</b> foreign language courses in sequence .....	6		
IT 1001 Computer Tools.....	3		
BIO 1150 Forensic Biology .....	3		
BIO 1201 General Biology I.....	5		CHE 1201
BIO 1202 General Biology II .....	5	BIO 1201 .....	CHE 1202
BIO 1140 Anatomy and Physiology I.....	4		
BIO 1141 Anatomy and Physiology II .....	4	BIO 1140	
BIO 2204 Ecology .....	4	BIO 1202	
BIO 2250 Introduction to Cell Biology .....	4	BIO 1202 .....	CHE 2101
BIO 3303 Genetics.....	4	BIO 1202	
Choose <b>TWO</b> of the following:.....	8		
BIO 2202 Comparative Anatomy		BIO 1202	
BIO 2203 Invertebrate Zoology		BIO1202	
BIO 2250 Introduction to Cell Biology		BIO 1202.....	CHE 2101
BIO 3300 Microbiology		BIO 1141	
BIO 3302 Botany		BIO 1202	
BIO 4000 Marine Biology		BIO 2250 and CHE 2102	
CHE 1201 General Chemistry I.....	4	{ MAT 1107 or exam	
CHE 1202 General Chemistry II .....	4	CHE 1201	
PHY 1001 Physics and the Modern World.....	3		
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar .....	1		
<b>Total credits required</b> .....	<b>136-137</b>		

*The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience and ED 4991 at the beginning of this section.



## Major in Adolescence Education—Concentration in Chemistry

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	44		
➔ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 2202 Calculus I.....		MAT 1107 or placement by exam	
MAT 2203 Calculus II.....		MAT 2202	
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 The Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
AED 2200 Methods and Strategies of Secondary Education .....	3		
ED 2100/PSY 2231 Assessment and Evaluation .....	3	ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher	
ED 4990 Supervised Student Teaching .....	6		Chairperson's approval
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience .....	1-3..	Chairperson's approval	
CED 4300 Introduction to Reading Instruction.....	3	CED 2200 ED 2100 IT 1001	
AED 3320 Special Methods of Secondary Reading Instruction .....	3		AED 2200 ED 2100
AED 3650 Special Methods of Secondary Chemistry .....	3		AED 2200 ED 2100
Select <b>TWO</b> foreign language courses in sequence .....	6		
IT 1001 Computer Tools.....	3		
PSY 1103 Child and Adolescent Psychology .....	3		
BIO 1201 General Biology I.....	5		CHE 1201
BIO 1202 General Biology II .....	5		CHE 1202
CHE 1201 General Chemistry I.....	4	MAT 1107 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 2202	
PHY 2002 General Physics II.....	4	PHY 2001	
Any FIT course or HS 1001.....	2		
SFC 1001 Freshman Seminar .....	1		
<b>Total credits required .....</b>	<b>136</b>		

*The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience and ED 4991 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	
▶ Select <b>TWO</b> Natural Science or Mathematics courses <sup>2</sup> .....			
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 The Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
AED 2200 Methods and Strategies of Secondary Education.....	3		
ED 2100/PSY 2231 Assessment and Evaluation.....	3	{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher	
ED 4990 Supervised Student Teaching.....	6	Chairperson's approval	
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience.....	1-3	Chairperson's approval	
CED 4300 Introduction to Reading Instruction .....	3	{ CED 2200 ED 2100 IT 1001	
AED 3320 Special Methods of Secondary Reading Instruction .....	3	{ AED 2200 ED 2100	
AED 3340 Special Methods of Secondary English.....	3	{ AED 2200 ED 2100	
Select <b>TWO</b> foreign language courses in sequence.....	6		
IT 1001 Computer Tools .....	3		
Select <b>TWO</b> Natural Science or Mathematics courses <sup>2</sup> .....	6		
PSY 1103 Child and Adolescent Psychology.....	3		
ONE AML course 2000-2999 .....	3	WRI 1100	
ONE BRL course 2000-2999.....	3	WRI 1100	
ONE BRL/LIT course 2000-2999 .....	3	WRI 1100	
ONE LIT course 2000-2999 .....	3	WRI 1100	
Select <b>FOUR</b> AML, BRL, DRA, or LIT courses 3000 or higher ....	12	Any AML, BRL, DRA, or LIT course 2000 or higher	
Any ENG seminar course 4000-4999.....	3	Five AML, BRL, DRA, or LIT courses 2100 or higher	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	9		
<b>Total credits required</b> .....	<b>132</b>		

*The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience and ED 4991 at the beginning of this section.

<sup>2</sup> If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.

## Major in Adolescence Education—Concentration in Mathematics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	44		
▶ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
CHE 1101 Chemistry and Life .....		MAT 0050	
PHY 1001 Physics and the Modern World .....			
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 The Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
AED 2200 Methods and Strategies of Secondary Education .....	3		
ED 2100/PSY 2231 Assessment and Evaluation .....	3	{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher	
ED 4990 Supervised Student Teaching .....	6	Chairperson's approval	
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience .....	1-3	Chairperson's approval	
CED 4300 Introduction to Reading Instruction .....	3	{ CED 2200 ED 2100 IT 1001	
AED 3320 Special Methods of Secondary Reading Instruction .....	3	{ AED 2200 ED 2100	
AED 3400 Special Methods of Secondary Mathematics .....	3	{ AED 2200 ED 2100 Mathematics Chairperson's approval	
Select <b>TWO</b> foreign language courses in sequence .....	6		
IT 1001 Computer Tools .....	3		
PSY 1103 Child and Adolescent Psychology .....	3		
MAT 1105 College Algebra .....	3	MAT 0700 or placement exam	
MAT 1107 Algebra and Trigonometry for Science Majors .....	4	MAT 1105 or placement exam	
MAT 2202 Calculus I .....	4	MAT 1107 or placement exam	
MAT 2203 Calculus II .....	4	MAT 2202	
MAT 2301 Statistics .....	3	MAT 1104 or higher or placement exam	
MAT 3304 Calculus III .....	4	MAT 2203	
MAT 3305 Calculus Workshop using technology .....	3	MAT 2202, MAT 2203	
MAT 3312 Linear Algebra .....	4	MAT 2203	
MAT 3406 Theory of Numbers .....	3	MAT 2202	
MAT 4995 Independent Study in Mathematics .....	1-3	Chairperson's approval	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
<b>Total credits required .....</b>	<b>134</b>		

*The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience and ED 4991 at the beginning of this section.





## Major in Adolescence Education—Concentration in Social Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
➔ Select <b>TWO</b> Natural Science or Mathematics courses <sup>2</sup> .....			
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 The Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
AED 2200 Methods and Strategies of Secondary Education .....	3		
ED 2100/PSY 2231 Assessment and Evaluation .....	3	{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher	
ED 4990 Supervised Student Teaching .....	6	Chairperson's approval	
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience .....	1-3	Chairperson's approval	
CED 4300 Introduction to Reading Instruction .....	3	{ CED 2200 ED 2100 IT 1001	
AED 3320 Special Methods of Secondary Reading Instruction .....	3	{ AED 2200 ED 2100	
AED 3500 Special Methods of Secondary Social Studies .....	3	{ AED 2200 ED 2100	
Select <b>TWO</b> foreign language courses in sequence .....	6		
IT 1001 Computer Tools .....	3		
Select <b>TWO</b> Natural Science or Mathematics courses <sup>2</sup> .....	6		
PSY 1103 Child and Adolescent Psychology .....	3		
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 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 1201 US History of the United States 1896 to Present .....	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 <b>ONE</b> of the following courses .....	3		
HIS 3307 Race and Ethnicity in American Life .....		HIS 1201	
HIS 3311 African-American History .....		HIS 1201	
Select <b>ONE</b> of the following courses .....	3		
HIS 2303 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 1204 American National Government .....	3		
HIS 4998 Historical Seminar .....	3	{ HIS 1201, HIS 3202 or 3301, HIS 3998 and Chairperson's approval	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	6		
<b>Total credits required</b> .....	<b>132</b>		

*The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience and ED 4991 at the beginning of this section.

<sup>2</sup> If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.

## Major in Childhood Education—Concentration in Biology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	43		
▶ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1107 Algebra and Trigonometry for Science Majors.....		MAT 1105 or placement exam	
MAT 2301 Statistics.....		MAT 1104 or higher or placement exam	
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
CED 2200 Effective Teaching Methods/Strategies.....	3	ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher Chairperson's approval	
ED 2100/PSY 2231 Assessment and Evaluation.....	3	ED 1201 with a grade of B or higher ED 2020 with a grade of B or higher	
ED 4990 Supervised Student Teaching.....	6	Chairperson's approval	
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience.....	1-3	Chairperson's approval	
CED 3300 Writing Instruction in Elementary Schools.....	3	CED 2200 ED 2100	
CED 3600 Math and Science Childhood Education .....	3	CED 2200 ED 2100 Cumulative index 2.75 or higher	
CED 3700 Social Studies and Geography in Childhood Education .....	3	CED 2200 ED 2100	
CED 4300 Introduction to Reading Instruction .....	3	CED 2200 ED 2100 IT 1001	
CED 4320 Teaching Elementary Reading: Models and Strategies.....	3	CED 4300	
Select <b>TWO</b> foreign language courses in sequence.....	6		
IT 1001 Computer Tools .....	3		
Select <b>ONE</b> of the following courses.....	3		
PSY 1103 Child and Adolescent Psychology.....			
WRI 1500 Advanced Composition .....		WRI 1100	
BIO 1140 Anatomy and Physiology I.....	4		
BIO 1141 Anatomy and Physiology II .....	4	BIO 1140	
BIO 1150 Forensic Biology .....	3		
BIO 1201 General Biology I.....	5		CHE 1201
BIO 1202 General Biology II.....	5	BIO 1201 .....	CHE 1202
BIO 2204 Ecology.....	4	BIO 1202	
Choose <b>TWO</b> of the following.....	8		
BIO 2202 Comparative Anatomy		BIO 1202	
BIO 2203 Invertebrate Zoology		BIO 1202	
BIO 2250 Introduction to Cell Biology		BIO 1202	CHE 2101
BIO 3302 Botany		BIO 1202	
BIO 3303 Genetics		BIO 1202	
BIO 4000 Marine Biology		BIO 1202	
CHE 1101 Chemistry and Life.....	4	MAT 0500	
PHY 1001 Physics and the Modern World.....	3		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	6		
<b>Total credits required .....</b>	<b>132</b>		

*The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience and ED 4991 at the beginning of this section.

## Major in Childhood Education—Concentration in English

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
▶ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1103 Foundations of Mathematics .....		MAT 0500 or placement exam	
MAT 1104 Discrete Mathematics .....		MAT 0500 or placement exam	
▶ Select the following course to satisfy the English Literature core requirement			
American Literature Gateway (AML 2100-2199).....	3	WRI 1100	
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
CED 2200 Effective Teaching Methods/Strategies.....	3		{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher Chairperson's approval
ED 2100/PSY 2231 Assessment and Evaluation.....	3		{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher
ED 4990 Supervised Student Teaching .....	6	Chairperson's approval	
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience .....	1-3	Chairperson's approval	
CED 3300 Writing Instruction in Elementary Schools .....	3		{ CED 2200 ED 2100
CED 3600 Math and Science Childhood Education .....	3		{ CED 2200 ED 2100 Cumulative index 2.75 or higher
CED 3700 Social Studies and Geography in Childhood Education .....	3		{ CED 2200 ED 2100
CED 4300 Introduction to Reading Instruction .....	3		{ CED 2200 ED 2100 IT 1001
CED 4320 Teaching Elementary Reading: Models and Strategies.....	3	CED 4300	
Select <b>TWO</b> foreign language courses in sequence.....	6		
IT 1001 Computer Tools .....	3		
Select <b>TWO</b> Natural Science courses .....	6		
Select <b>ONE</b> of the following courses.....	3		
PSY 1103 Child and Adolescent Psychology.....			
WRI 1500 Advanced Composition .....		WRI 1100	
ONE AML course 2000-2999 .....	3	WRI 1100	
ONE BRL course 2000-2999 .....	3	WRI 1100	
ONE BRL/LIT course 2000-2999 .....	3	WRI 1100	
ONE LIT course 2000-2999 .....	3	WRI 1100	
Select <b>FOUR</b> AML, BRL, DRA, or LIT courses 3000 or higher ....	12	Any AML, BRL, DRA, or LIT course 2000 or higher	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	6		
<b>Total credits required .....</b>	<b>132</b>		

*The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience and ED 4991 at the beginning of this section.

## Major in Childhood Education—Concentration in Mathematics

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
▶ Select <b>TWO</b> science courses (from subjects BIO, CHE, PHY, SCI) to		satisfy the Natural Science/Mathematics core requirement	
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
CED 2200 Effective Teaching Methods/Strategies.....	3	{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher	
ED 2100/PSY 2231 Assessment and Evaluation.....	3	{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher	
ED 4990 Supervised Student Teaching.....	6	Chairperson's approval	
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience .....	1-3	Chairperson's approval	
CED 3300 Writing Instruction in Elementary Schools .....	3	{ CED 2200 ED 2100	
CED 3600 Math and Science Childhood Education .....	3	{ CED 2200 ED 2100 Cumulative index 2.75 or higher	
CED 3700 Social Studies and Geography in Childhood Education .....	3	{ CED 2200 ED 2100	
CED 4300 Introduction to Reading Instruction .....	3	{ CED 2200 ED 2100 IT 1001 CED 4300	
CED 4320 Teaching Elementary Reading: Models and Strategies.....	3		
Select <b>TWO</b> foreign language courses in sequence.....	6		
IT 1001 Computer Tools .....	3		
Select <b>ONE</b> of the following courses.....	3		
PSY 1103 Child and Adolescent Psychology.....			
WRI 1500 Advanced Composition .....		WRI 1100	
MAT 1104 Discrete Mathematics <sup>2</sup> .....	3	MAT 0500 or placement exam	
MAT 1105 College Algebra <sup>2</sup> .....	3	MAT 0700 or placement exam	
MAT 1107 Algebra and Trigonometry for Science Majors .....	4	MAT 1105 or placement exam	
MAT 2202 Calculus I.....	4	MAT 1107 or placement exam	
MAT 2203 Calculus II.....	4	MAT 2202	
MAT 2301 Statistics .....	3	MAT 1104 or higher or placement exam	
MAT 3304 Calculus III.....	4	MAT 2203	
MAT 3305 Calculus Workshop using Technology .....	3	MAT 2202 and MAT 2203	
MAT 3311 Introduction to Set Theory .....	3	MAT 2203	
Select <b>ONE</b> of the following courses.....	3		
MAT 2309 College Geometry .....		MAT 1107	
MAT 3406 Theory of Numbers.....		MAT 2202	
MAT 4995 Independent Study in Mathematics <sup>3</sup> .....		{ Senior standing Major in Mathematics or Mathematics Education Chairperson's approval	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	5		
<b>Total credits required</b> .....	131-132		

The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.

<sup>1</sup> See note regarding Field Experience and ED 4991 at the beginning of this section.

<sup>2</sup> Students who pass the placement test for MAT 1105 must select three different MAT courses to replace MAT 1103, MAT 1104, and MAT 1105. Consult the Chairperson of the Education department for guidance.

<sup>3</sup> Students in the Childhood Education program who elect MAT 4995 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 <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1103 Foundations of Mathematics .....		MAT 0500 or placement exam	
MAT 1104 Discrete Mathematics .....		MAT 0500 or placement exam	
▶ Select <b>ONE</b> of the following courses to satisfy the Liberal Arts core requirement			
PSY 1103 Child and Adolescent Psychology .....			
WRI 1500 Advanced Composition.....		WRI 1100	
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
ED 2040/PSY 2233 Psychology of the Exceptional Child .....	3	Cumulative index 2.75 or higher	
CED 2200 Effective Teaching Methods/Strategies.....	3	ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher Chairperson's approval	
ED 2100/PSY 2231 Assessment and Evaluation.....	3	ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher	
ED 4990 Supervised Student Teaching.....	6	Chairperson's approval	
ED 4991 Extended Field Experience <sup>1</sup> .....	1-3	Chairperson's approval	
ED 4992 Supervised Field Experience.....	1-3	Chairperson's approval	
CED 3300 Writing Instruction in Elementary Schools.....	3	CED 2200 ED 2100	
CED 3600 Math and Science Childhood Education .....	3	CED 2200 ED 2100 Cumulative index 2.75 or higher	
CED 3700 Social Studies and Geography in Childhood Education .....	3	CED 2200 ED 2100	
CED 4300 Introduction to Reading Instruction .....	3	CED 2200 ED 2100 IT 1001	
CED 4320 Teaching Elementary Reading: Models and Strategies.....	3	CED 4300	
Select <b>TWO</b> foreign language courses in sequence.....	6		
IT 1001 Computer Tools .....	3		
Select <b>TWO</b> Natural Science courses .....	6		
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 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 1201 History of the United States: 1896 to Present.....	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 <b>ONE</b> of the following courses.....	3		
HIS 3307 Race and Ethnicity in American .....		HIS 1201	
HIS 3311 African-American History .....		HIS 1201	
Select <b>TWO</b> of the following courses .....	3		
HIS 2303/PSC 2312 The World in the 20 <sup>th</sup> 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	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	3		
<b>Total credits required.....</b>	<b>132</b>		

*The successful completion of ED 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience and ED 4991 at the beginning of this section.

## Major in Physical Education—Initial Certificate (Grades K-12)

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	44		
▶ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
BIO 1107 Anatomy and Physiology I .....			
BIO 1108 Anatomy and Physiology II .....		BIO 1107	
ED 1201 Foundations of Education: History and Philosophy .....	3	Cumulative index 2.75 or higher	
ED 2020/PSY 2230 Educational Psychology .....	3	Cumulative index 2.75 or higher	
Select <b>ONE</b> of the following courses .....	3		
AED 2200 Methods and Strategies of Secondary Education			
CED 2200 Effective Teaching Methods/Strategies .....			{ ED 1201 with a grade of 2.75 or higher ED 2020 with a grade of 2.75 or higher
Select <b>TWO</b> foreign language courses in sequence .....	6		
HS 1206 Safety and First Aid .....	3		
HS 1207 Nutrition .....	3		
IT 1001 Computer Tools .....	3		
Select <b>THREE</b> of the following courses .....	6		
PE 1101 Skills Activities I .....			
PE 1102 Skills Activities II .....			
PE 1103 Skills Activities III .....			
PE 1106 Skills Activities VI .....			
PE 1107 Skills Activities VII .....			
Select <b>ONE</b> of the following courses .....	2		
FIT 1121 Beginning Swimming .....			
FIT 1123 Fitness Swimming .....			
PE 2202 History and Principles of Physical Education .....	2	ED 1201 and ED 2020/PSY 2230	
PE 2208 Kinesiology .....	3	{ BIO 1108 ED 1201 and ED 2020/PSY 2230 PE 2202	
PE 3100 Evaluation of Physical Education .....	2	{ ED 1201 ED 2020 Any Skills Activities course	
PE 3200 Biomechanics .....	2	{ BIO 1108 ED 1201 and ED 2020/PSY 2230 PE 2208	
PE 3301 Advanced Concepts in Physical Education .....	2	Chairperson's approval	
PE 3304 Organization and Administration of Physical Education .....	2	ED 1201 and ED 2020/PSY 2230	
PE 3305 Physiology of Exercise .....	3	{ BIO 1108 ED 1201 and ED 2020/PSY 2230	
PE 3308 Motor Learning .....	3	ED 1201 and ED 2020/PSY 2230	
PE 3322 Introduction to Legal Issues .....	3	ED 1201 and ED 2020/PSY 2230	
PE 4300 Curriculum and Methods of Instruction in PE K-12 .....	3	{ AED 2200 or CED 2200 ED 1201 and ED 2020/PSY 2230 Senior standing	
PE 4302 Adapted Physical Education .....	3	{ ED 1201 and ED 2020/PSY 2230 PE 2208 PE 3308	
PE 4616 Psychology of Sport .....	3	ED 1201 and ED 2020/PSY 2230	
PE 4990 Supervised Student Teaching in Physical Education .....	6	{ PE 4300 PE 3100 Chairperson's approval	
PSY 1103 Child and Adolescent Psychology .....	3		
FIT 1102 or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	7		
<b>Total credits required .....</b>	<b>129</b>		

*The successful completion of ED 4990 or PE 4990 satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> See note regarding Field Experience, ED 4991, and PE 4500 at the beginning of this section.



# English

Office: Room 7003  
Phone: (718) 489-5217

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## **Chairperson**

Dr. A. Edward Wesley, O.S.F.

## **Professor**

Tague

## **Associate Professors**

Devlin  
Franklin  
Maloney  
Wesley

## **Assistant Professors**

Galgan

## **Lecturers**

Dubow  
Gangi

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## **Adjuncts**

Afzal  
Albrecht  
Bové  
Breslin  
DeJesus  
Havercome  
Levenberg  
Louzonis  
Mescall  
Morrone  
Paolucci  
Quinn  
Reeck  
Simmons  
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, British, and world 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 ethical backgrounds; we encourage minority and foreign applicants as well as returning and adult learners.

To achieve these general goals, the Department of English operates three groups of programs: The Writing Programs, The Core Courses and Electives in English Language and Literature, The Major and Minor Programs.

## Goals and Objectives

### **The Writing Program:**

- *develop in students' writing sound organization of thought, clarity in the structure of sentences and paragraphs, forceful, energetic prose and critical thinking;*
- *stand ready to undergird a Writing Across the Curriculum Program;*
- *provide remedial instruction for those who require it; and,*
- *bring students with second language and dialect interference problems into the mainstream of standard written edited English.*

### **The Core Courses and Electives:**

- *introduce students to the study of literature by providing practice in careful, critical reading and developing a sense of the various contexts that can enrich students' understanding of a work;*
- *introduce students to English literature through courses that survey British and American authors; through courses in Shakespeare, in Chaucer, in Milton, and in other major individual writers; through courses that focus on the traditional genres; and through courses in which assigned texts, though written in or translated into English, are neither British nor American in origin;*
- *refine students' interpretive skills by introducing them to a variety of critical methods and by providing courses on critical topics to help students investigate the nature of literary analysis itself;*
- *develop students' skills in written self-expression to the highest degree possible, through a required writing component for each course and by offering courses in advanced writing; and by offering courses in creative writing;*
- *provide, through cooperation with the Office of Career Counseling, internship opportunities and career counseling for majors and minors that will either prepare them for careers ranging from graduate programs in English to law, medicine, publishing, communications, and business administration.*

### **The Major and Minor Programs:**

- *instill in students an appreciation and enjoyment of literature's aesthetic and intellectual elements;*
- *enhance students' perception of the richness and diversity of the social and ethical values in literature and our response to them, recognizing that literature is by its nature value-laden, that each author and reader brings to his or her work an ethical framework and vision of the human condition; and,*
- *enable students to transfer some of their sensitivity to language and literary structure to their own writing, through a required writing component in each course.*

# 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 American, English and world 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 world literature and global themes (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 .....	3	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	
World Literature (LIT 2100-2199).....	3	WRI 1100	
Select <b>FOUR</b> AML, BRL, DRA, or LIT courses 3000 or higher <sup>1</sup> .....	12	Any AML, BRL, DRA, or LIT course 2000 or higher	
Select <b>TWO</b> ENG courses 4000-4399 .....	6	Five AML, BRL, DRA, or LIT courses 2000 or higher	
ENG 4997 Senior Thesis .....	3	Two ENG courses 4000 or higher	Chairperson’s approval
FA 1420 American Art .....	3		
FA 3409 English Art and Architecture.....	3	FA 1402	
HIS 3402 History of the United States: 1789–1896.....	3	HIS 1201	
HIS 3466 History of Britain .....	3	HIS 1201	
IT 1001 Computer Tools .....	3		
Liberal Arts electives <sup>2</sup> .....	6		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	27		
<b>Total credits required</b> .....	<b>129</b>		

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

<sup>1</sup> *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.*

<sup>2</sup> *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	
<b>Total credits required</b> .....	<b>12</b>		





## 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 <b>TWO</b> 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 2020 Oral Interpretation.....		COM 1000	
COM 2100 Acting I.....		COM 1000	
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 especially sciences and medicine.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select <b>EITHER</b> Group A or Group B below.....	6		
Group A—Select <b>BOTH</b> of the following			
American Literature Gateway (AML 2100-2199).....		WRI 1100	
American Literature Gateway (AML 2200-2299).....		AML 2100-2199	
Group B—Select <b>BOTH</b> of the following			
British Literature Gateway (BRL 2100-2199).....		WRI 1100	
British Literature Gateway (BRL 2200-2299).....		BRL 2100-2199	
Select <b>THREE</b> 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 2000 or higher	
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.

### World Literature and Global Themes Courses

The department offers courses in world literature in translation [LIT] for students who are interested in international literature and global themes.

### Dramatic Literature and Performance

Dramatic literature courses [DRA] offer classes focused on dramatic performance issues and require some performance elements along with study and discussion 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 from master writers for purposes different from literature classes. The student should expect to write in English writing courses.

## **Tutorials**

Tutorials are offered under the subject area of English [ENG] and are numbered between 4400 and 4499. 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.



# Foreign Languages, Fine Arts, and International Cultural Studies

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Office: Room 5312  
Phone: (718) 489-5387

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## **Chairperson**

Dr. Suzanne Forsberg

## **Professors**

Forsberg  
Greene

## **Associate Professor**

Molina

## **Assistant Professor**

Wingate

## **Professor Emeriti**

Orti

## **Adjuncts**

Coburn  
Davis  
DelBusto  
D'Italia-Wiener  
El-Ayouty  
Fontana  
Kaminski  
Louzonis  
McClellan  
Merouani  
Quigley  
Rivero  
Sanchez  
Schrock  
Shea  
Skrill

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## 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 multinational 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 1401 Music of the Western World .....			
ACC 1101 Elementary Accounting I .....	4	MAT 0500 or placement exam .....	BUS 1001
BUS 1001 Organization and Management .....	3		
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
Select <b>ONE</b> of the following courses .....	3		
ECO 2202 Principles of Microeconomics .....		ECO 1201	
ECO 2306 Money and Banking .....		ECO 1201	
ECO 3331/FIN 3301 Principles of Finance .....	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
ECO 4403 International Economics, Trade, and Finance .....	3	{ ECO 2306 Junior standing	
FA 1403 Music of Many Cultures .....	3		
Select <b>FOUR</b> foreign language courses in sequence <sup>1</sup> .....	12	Chairperson's approval	
HR 2201 Management Theory and Practice .....	3	BUS 1001	
ICS 1240 Peoples/Cultures of the Contemporary World I .....	3		
ICS 1241 Peoples/Cultures of the Contemporary World II .....	3		
ICS 3380/PSY 3380 Cross-Cultural Psychology/Communications .....	3	ICS 1241 or PSY 1103 or higher	
ICS 4450 Study Abroad .....	3	{ ICS 1240 ICS 1241	
ICS 4990 Internship in International Cultural Studies .....	1-3	{ ICS 1240 ICS 1241	
ICS 4998 Senior Thesis .....	3	{ ICS 1240 ICS 1241	
IT 1001 Computer Tools .....	3		
MKT 2201 Marketing .....	3	BUS 1001	
MKT 3300 International Marketing .....	3	MKT 2201	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	21		
<b>Total credits required</b> .....	<b>128-130</b>		

*The successful completion of ICS 4998 satisfies the College's Thesis requirement.*

<sup>1</sup> The 12 credits must all be in the same language.



## 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 1401 Music of the Western World .....			
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 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 1403 Music of Many Cultures.....	3		
Select <b>FOUR</b> foreign language courses in sequence <sup>1</sup> .....	12	Chairperson's approval	
ICS 1240 Peoples/Cultures of the Contemporary World I .....	3		
ICS 1241 Peoples/Cultures of the Contemporary World II .....	3		
ICS 3311 Contemporary Latin American Authors.....	3	{ ICS 1240 ICS 1241	
ICS 3312 Hispanic Caribbean Cultures and Literature.....	3	{ ICS 1240 ICS 1241	
ICS 3314 Puerto Rican Culture and Civilization.....	3	{ ICS 1240 ICS 1241	
ICS 3315/SPA 3402 Spanish Civilization and Culture.....	3	{ ICS 1240 ICS 1241	
ICS 3380/PSY 3380 Cross-Cultural Psychology/Communications .....	3	ICS 1241 or PSY 1103 or higher	
ICS 4313 Origins/Development of Liberation in Latin America .....	3	{ ICS 1240 ICS 1241	
ICS 3370/SOC 2040 Cultural Anthropology .....	3	ICS 1240 or ICS 1241	
ICS 4450 Study Abroad.....	3	{ ICS 1240 ICS 1241	
ICS 4990 Internship in International Cultural Studies.....	1-3	{ ICS 1240 ICS 1241	
ICS 4998 Senior Thesis.....	3	{ ICS 1240 ICS 1241	
IT 1001 Computer Tools .....	3		
LIT 2130 Traveling Identities.....	3	WRI 1100	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	18		
<b>Total credits required</b> .....	<b>127-129</b>		

*The successful completion of ICS 4998 satisfies the College's Thesis requirement.*

<sup>1</sup> The 12 credits must all be in the same language.

## 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 1401 Music of the Western World .....			
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics .....	3	ECO 1201	
ECO 3305/ICS 3305 European Economies .....	3	ECO 1201	
FA 1403 Music of Many Cultures.....	3		
FA 1408 Italian Fine Arts.....	3	FA 1402	
FA 3409 Art and Architecture in England.....	3	FA 1402	
FRE 3405 French Civilization and Culture.....	3	FA 1402	
Select <b>FOUR</b> foreign language courses in sequence <sup>1</sup> .....	12	Chairperson's approval	
ICS 1240 Peoples/Cultures of the Contemporary World I .....	3		
ICS 1241 Peoples/Cultures of the Contemporary World II .....	3		
Any ICS course 3000 or higher <sup>2</sup> .....	3		
ICS 3315/SPA 3402 Spanish Civilization and Culture.....	3	{ ICS 1240 ICS 1241	
ICS 3380/PSY 3380 Cross-Cultural Psychology/Communications .....	3	ICS 1241 or PSY 1103 or higher	
ICS 4450 Study Abroad .....	3	{ ICS 1240 ICS 1241	
ICS 4990 Internship in International Cultural Studies.....	1-3	{ ICS 1240 ICS 1241	
ICS 4998 Senior Thesis.....	3	{ ICS 1240 ICS 1241	
IT 1001 Computer Tools .....	3		
LIT 2130 Traveling Identities.....	3	WRI 1100	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	21		
<b>Total credits required .....</b>	<b>127-129</b>		

*The successful completion of ICS 4998 satisfies the College's Thesis requirement.*

<sup>1</sup> The 12 credits must all be in the same language.

<sup>2</sup> ICS 5306 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 <b>FOUR</b> foreign language courses in sequence <sup>1</sup> .....	12	Chairperson's approval	
Select <b>EITHER</b> Group A or Group B below <sup>2</sup> .....	6		
Group A—Select <b>BOTH</b> of the following courses			
SPA 1101 Beginning Spanish I .....			
SPA 1102 Beginning Spanish II .....		SPA 1101	
Group B—Select <b>BOTH</b> of the following courses			
SPA 1105 Spanish for Bilingual Students .....			
SPA 2115 Conversation in Spanish .....		SPA 1105 or SPA 2104	
SPA 2103 Second-Year Spanish I <sup>2</sup> .....	3	SPA 1102 or placement exam	
SPA 2104 Second-Year Spanish II <sup>2</sup> .....	3	SPA 2103	
SPA 2201 Contemporary Readings of Spain/Latin America I .....	3	SPA 2104	
Select <b>ONE</b> of the following courses .....	3		
ICS 3315/SPA 3402 Spanish Civilization and Culture .....		{ ICS 1240 ICS 1241	
SPA 3302 Contemporary Spanish Literature: 1898 to Present .....		SPA 2202	
SPA 3305 History of Spanish-American Literature I .....	3	SPA 2104	
SPA 3306 History of Spanish-American Literature II .....	3	SPA 3305	
SPA 3411 Latin American Nobel Laureates in Literature .....	3		
SPA 3414 Hispanic Caribbean .....	3		
SPA 4308 Advanced Spanish Conversation .....	3	SPA 2202	
SPA 4407 Cervantes .....	3	SPA 2202	
SPA 4415 Puerto Rican Literature: Ethnicity and National Identity in Poetry, Fiction, and Essays .....	3		
SPA 4998 Senior Thesis .....	4	Senior standing	
LIT 2130 Traveling Identities .....	3	WRI 1100	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	25		
<b>Total credits required</b> .....	<b>128</b>		

*The successful completion of SPA 4998 and a comprehensive examination satisfies the College's Comprehensive Examination/Thesis requirement.*

<sup>1</sup> 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.

<sup>2</sup> 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 <b>FIVE</b> of the following courses .....	15		
FA 1402 Orientation in Art .....			
FA 1420 American Art .....			
FA 2404 Introduction to Studio Art .....		FA 1402 or FA 1420	
FA 2405 Introduction to Studio Art .....		FA 1402 or FA 1420	
FA 1408 Italian Fine Arts.....		FA 1402 or FA 1420	
FA 3409 Art and Architecture in England.....		FA 1402 or FA 1420	
FA 5414 Art in New York City (Honors) .....			
FA 5440 Studies in Architecture:			
The Building Is the Book (Honors) .....			
FRE 3405 French Civilization and Culture.....		FA 1402	
ICS 5306 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 1101 Beginning Year French I <sup>1</sup> .....	3		
FRE 1102 Beginning Year French II <sup>1</sup> .....	3	FRE 1101	
FRE 1104 Second Year French II <sup>1</sup> .....	3	FRE 2103	
FRE 2103 Second Year French I <sup>1</sup> .....	3	FRE 1102	
FRE 3405 French Civilization and Culture.....	3	FA 1402	
Total credits required.....	15		

<sup>1</sup> Students with advanced standing in French may substitute more advanced courses for French 1101, 1102, 2103, or 2104 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 1101 Beginning Year Italian I <sup>1</sup> .....	3		
ITA 1102 Beginning Year Italian II <sup>1</sup> .....	3	ITA 1101	
ITA 2103 Second Year Italian I .....	3	ITA 1102	
ITA 2104 Second Year Italian II .....	3	ITA 1203	
FA 1408 Italian Fine Arts.....	3	FA 1402	
Total credits required.....	15		

<sup>1</sup> 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 1101 Beginning Year Spanish I <sup>1</sup> .....	3		
SPA 1102 Beginning Year Spanish II <sup>1</sup> .....	3	SPA 1101	
SPA 2103 Second Year Spanish I <sup>1</sup> .....	3	SPA 1102 or placement exam	
SPA 2104 Second Year Spanish II <sup>1</sup> .....	3	SPA 2103	
Select <b>ONE</b> of the following courses.....	3		
SPA 2201 Contemporary Readings of Spain/Latin America I.....		SPA 2104	
SPA 2202 Contemporary Readings of Spain/Latin America II .....		SPA 2104	
Total credits required.....	15		

<sup>1</sup> Students with advanced standing in Spanish may substitute more advanced courses from SPA 1105 through SPA 4419 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 1240 Peoples/Cultures of the Contemporary World I .....	3		
ICS 1241 Peoples/Cultures of the Contemporary World II .....	3		
ICS 3380/PSY 3380 Cross-Cultural Psychology/Communications .....	3	ICS 1241 or PSY 1103 or higher	
Select <b>ONE</b> of the following courses .....	3		
ICS 3311 Contemporary Latin American Authors .....		{ ICS 1240	
		{ ICS 1241	
ICS 3312 Hispanic Caribbean Cultures and Literature .....		{ ICS 1240	
		{ ICS 1241	
ICS 3314 Puerto Rican Culture and Civilization .....		{ ICS 1240	
		{ ICS 1241	
ICS 4370 Cultural Anthropology			
Select <b>ONE</b> of the following courses .....	3		
FA 3409 Art and Architecture in England .....		FA 1402	
FRE 3405 French Civilization and Culture .....		FA 1402	
Select <b>ONE</b> of the following courses .....	3		
FA 1408 Italian Fine Arts .....		FA 1402	
ICS 3315/SPA 3402 Spanish Civilization and Culture .....		{ ICS 1240	
		{ ICS 1241	
ICS 5306 German Culture and Fine Arts (Honors) .....			
<b>Total credits required</b> .....	<b>18</b>		



# Honors

Office: Room 5012  
Phone: (718) 489-5457  
E-mail: [honorsprogram@sfc.edu](mailto:honorsprogram@sfc.edu)

## Director

Ian Maloney, 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 scenario, we believe interdisciplinary liberal studies should serve as the focus of the program's seminar conversations. We aim to strengthen our students intellectually by extending their reach in academic concern and inquiry; spiritually by drawing upon the wealth of the Franciscan tradition to reinforce enduring values; and individually to build character, foster tolerance and encourage critical thinking, thus contributing to the larger academic, business, and service communities wherein the students will carry on the goal of lifelong learning.

## Goals and Objectives

- Read and analyze primary sources.
- Engage in active seminar discussions.
- Gain experience in oral presentation.
- Develop written essays and reports that are controlled, elegant, and imaginative
- Take advantage of cultural resources in the metropolitan area.
- Become aware of the interconnectedness of knowledge.
- Conduct original research and explore perspectives on existing theories and ideas.

The Honors program offers students an opportunity to study and investigate areas 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 for the capstone Honors Thesis in the seventh semester. This six credit course requires the students to examine advanced research

techniques with their chosen mentor who will guide them in preparing a proposal and an annotated bibliography for the honors thesis, an interdisciplinary exploration the student will complete in their eighth semester. The guidelines and schedule for the Honors thesis require strict adherence that shall be monitored by a designated reader from the Honors Council.

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 as well as a service component are integrated into the 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 semester of study at the College, are encouraged to contact the Director of the Honors Program. Such applications will be considered for admission into the Program on a space-available basis.

Students interested in 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*.

**Note:** *Honors Seminars are for Honors Students but may be open to others with the permission of the Honors Program Director.*

## 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 <b>FOUR</b> Honors courses <sup>1</sup> .....	12	Various—see course listings	
HON 5997 Honors Thesis .....	3	Honors Director's approval	
HON 5998 Honors Thesis .....	3	Honors Director's approval	
Total credits required .....	21		

<sup>1</sup> 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.



# Liberal Arts

Office: Room 3001  
 Phone: (718) 489-5472

## 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.

## Program Requirements

### Associate of Arts in Liberal Arts

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	30		
Select <b>ONE</b> of the following two courses.....	3		
HIS 1101 Survey of Western Civilization (to 1500) .....			
HIS 1102 Survey of Western Civilization (since 1500) .....			
IT 1001 Computer Tools .....	3		
PSY 1100 General Psychology .....	3		
Liberal Arts electives.....	12		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	12		
<b>Total credits required.....</b>	<b>64</b>		

## 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.



# Management and Information Technology

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Office: Room 5004  
Phone: (718) 489-5419/5347

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## ***Chairperson***

Dr. Dennis Anderson

## ***Professors***

Anderson  
Burdowski  
Coughlin  
Gomori

## ***Associate Professors***

Dilyard  
Klein  
Edington  
Westcott

## ***Assistant Professors***

Lee

## ***Professors Emeriti***

Barcun  
Goldberg  
Petrcuelli

## ***Lecturers***

Ende  
Smolizza

## ***Adjuncts***

Best  
Blackwood  
Catalano  
Cato  
Daly  
D'Esposito  
Diodato  
Donahue  
Fazio  
Giardino  
Honig  
Jordan  
Krengiel  
Mastromarino  
McCabe  
Melhem  
Miller-Greaves  
Mulligan  
Nealand  
Oren  
Paguaga  
Robertson  
Schroeder  
Simon  
Tamparo  
Thompson  
Weisman  
Williams

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## **Mission of the Management and Information Technology Department**

The Management and Information Technology Department offers two majors – Information Technology and Management and a graduate certificate program in Project Management. The Department's mission is to have its graduates successfully enter the business and IT world and to be prepared to advance in their chosen careers. The Department recognizes that the two disciplines are linked and therefore provides opportunities for each major to discover the synergies that can be derived from each major's curriculum.

## **Mission of the Information Technology Major**

Students in the Information Technology major are prepared for careers in the rapidly changing field of information technology. The Department's primary mission is to provide and offer its majors state-of-the-art information technology courses, but it also extends this mission to students in other disciplines, particularly management, biology, health care management, education and nursing. The department offers a B.S. degree in information technology. 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.

## **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.*

## **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. IT majors are encouraged to select a concentration in one of the following areas: E-Commerce, Finance, General Business, International Business, or Marketing. Minors in Business or Sports Management are also available.

## Mission of the Management Major

To compete in the global economy, Management majors must understand basic management concepts and be able to think critically, write clearly, speak effectively and analyze logically. As a result, the Management and Information Technology Department's mission is to prepare students to participate in the global economy by complementing the core foundation in the liberal arts achieved by all St. Francis College graduates with a solid foundation in the core elements of management – accounting, finance, marketing, human resources management and quantitative analysis – and then allowing them to specialize in a discipline of their choice.

## Areas of Study

The College offers a B.S. degree in Management, an Associate of Applied Science in Business Administration, and a minor in Business. Management majors are encouraged to select a concentration in one of the following areas: E-Commerce, Finance, General Business, International Business, or Marketing. Minors in Information Technology or Sports Management are also available.

## Goals and Objectives

- Graduate students who are able to successfully enter a competitive global business environment.

## Program Requirements

### 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 1105 College Algebra.....		MAT 0700 or placement exam	
➔ Select <b>ONE</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1107 Algebra and Trigonometry for Science Majors.....		MAT 1105 or placement exam	
MAT 1109 Mathematics for Managerial Science I.....		MAT 1105 or placement exam	
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
IT 1001 Computer Tools .....	3		
IT 1103 Computer-Based Information Systems.....	3	IT 1001 (may be taken as pre- or co-requisite)	
IT 1104 Programming I.....	3	IT 1001	
IT 2201 Telecommunications and Networking .....	3	IT 1103	
IT 2410 Web Design.....	3	IT 1001	
IT 2510 Database Management Systems.....	3	IT 1103	
IT 3101 Information Technology Law and Ethics.....	3	IT 1103	
IT 3301 Project Management.....	3	IT 1001	
IT 3310 Systems Analysis and Design .....	3	IT 2510	
IT 3410 E-Commerce Integration.....	3	IT 2410 or MKT 3340	
IT 4998 Capstone Project .....	3	Senior standing	
Select <b>FOUR</b> IT courses .....	12		
ORM 3301 Empirical Methods for Business Research .....	3	MAT 1105	
Liberal Arts electives.....	24		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	9		
<b>Total credits required.....</b>	<b>130</b>		

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

- Graduate students who can pursue careers in finance, government service, human resources, international business, management, marketing, or operations.
- Graduate students who are able to critically analyze information and discuss it effectively both orally and in writing.
- Prepare students to seek entrepreneurial opportunities.
- Prepare students for graduate studies in Management.

## Graduate Certificate in Project Management

This 12-credit advanced program will enable students at all career levels the opportunity to enhance their existing skills and broaden their range of knowledge in a professional career that spans many industries. Students will develop an appreciation for the theory of project management will applying it to case studies and their current work situation. The Certificate in Project Management program is a facilitated approach to learning and applying the fundamentals as well as the soft skills such as communication and motivation that are critical to the success of the project and the project manager. Students who complete the program will be able to:

- manage projects using the professional standards as guidelines,
- plan for and manage project risk,
- develop and deploy the project's budget and financial responsibilities,
- and understand the dynamics of team relationship and their impact on project access.

## Program Requirements

### Major in Management

The Management and Information Technology 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. 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 supply 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 <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement <sup>1</sup>			
MAT 1105 College Algebra.....		MAT 0700 or placement exam	
MAT 1109 Mathematics for Managerial Science I.....		MAT 1105 or placement exam	
ACC 1101 Elementary Accounting I.....	4	MAT 0500 or placement exam .....	BUS 1001
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
BL 2101 Business Law I.....	3	BUS 1001	
BL 2102 Business Law II .....	3	BL 2101	
BUS 1001 Organization and Management.....	3		
BUS 4998 Business Policies .....	3	ECO 3331/FIN 3301 HR 2201 MKT 2201 ORM 3301 or MAT 2301 Senior standing	
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 2202 Principles of Microeconomics .....	3	ECO 1201	
ECO 2306 Money and Banking.....	3	ECO 1201; pre- or co-requisite: ECO 2202	
ECO 3331/FIN 3301 Principles of Finance .....	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
Any FIN course except ECO 3331/FIN 3301 .....	3		
Select <b>TWO</b> ECO, HIS, PSC, PSY, or SOC courses <sup>2</sup> .....	6		
HR 2201 Management Theory and Practice.....	3	BUS 1001	
Any HR course (certain PSY and SOC courses may substitute).....	3		
IT 1001 Computer Tools .....	3		
MKT 2201 Marketing .....	3	BUS 1001	
Any MKT course.....	3		
ORM 3301 Empirical Methods for Business Research .....	3	MAT 1105	
Any ORM course.....	3		
PSC 2404 Government and Business: 1865–Present.....	3	24 college credits	
Liberal Arts elective.....	3		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	15		
<b>Total credits required .....</b>	<b>128</b>		

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

<sup>1</sup> For transfer students or for those entering the major from the sciences, equivalent MAT courses will satisfy the Mathematics core requirement.

<sup>2</sup> Except ECO 3331/FIN 3301.

### Management and Information Technology

#### Concentrations

A student should choose from the following concentrations to supplement the major: E-Commerce; Finance; General Business; International Business; or Marketing. Individual courses that comprise the various concentrations are detailed below

*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 multidisciplinary program that

integrates courses from Information Technology and Marketing to introduce students to this new way of doing business and help them master skills that are used in its conduct.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Select <b>FIVE</b> of the following courses .....	15		
BUS 3342/PHI 3342 Business Ethics .....		Any 2000-level PHI course	
IT 1001 Computer Tools .....			
IT 2410 Web Design .....		IT 1001	
IT 2510 Database Management Systems .....		IT 1103	
IT 3101 Information Technology Law and Ethics .....		IT 1103	
IT 3410 E-Commerce Integration .....		IT 2410 or MKT 3340	
MKT 3340 Direct Marketing .....		MKT 2201	
MKT 3440 Internet Marketing .....		MKT 2201	
<b>Total credits required</b> .....	<b>15</b>		

**Finance**

The Finance concentration introduces students to several areas within the finance field. After successfully completing FIN 3301 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 3301 Principles of Finance .....	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
Select <b>FOUR</b> of the following courses .....	12		
BUS 3342/PHI 3342 Business Ethics .....		Any 2000-level PHI course	
FIN 3302 Managerial Finance <sup>1</sup> .....		ECO 3331/FIN 3301	
FIN 3312 Investment Analysis <sup>1</sup> .....		ECO 3331/FIN 3301; MAT 1109	
ECO 3334 Government Finance <sup>1</sup> .....		ECO 3331/FIN 3301	
FIN 3316 Personal Finance .....		ECO 3331/FIN 3301	
FIN 3317 Real Estate Finance .....		ECO 3331/FIN 3301	
FIN 3340 Insurance and Risk Management .....		BUS 1001	
FIN 3420 International Finance .....		ECO 3331/FIN 3301	
FIN 3422 Financial Institutions Management .....		ECO 3331/FIN 3301	
FIN 4412 Portfolio Management <sup>1</sup> .....		ECO 3331/FIN 3301 MAT 1109	
MAT 1110 Mathematics for Managerial Science II .....		MAT 1109	
<b>Total credits required</b> .....	<b>15</b>		

<sup>1</sup> May be taken as a Liberal Arts/Economics elective if registered with the corresponding ECO course.



**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 <b>FIVE</b> of the following courses .....	15		
BUS 1204 Business and Society .....		BUS 1001 (no prerequisite for non-majors)	
BUS 2001 Global Business .....		BUS 1001	
BUS 2205 Management of a Small Business.....		BUS 1001	
BUS 2250 Business Communication.....		BUS 1001, WRI 1100	
BUS 3342/PHI 3342 Business Ethics .....		Any 2000-level PHI course	
BUS 4000 Business Research.....		{ Junior standing	
BUS 4990 Internship.....		{ Chairperson's approval	
FIN 3340 Insurance and Risk Management .....		{ Chairperson's approval	
HR 3304 Human Resources Management.....		{ ECO 3331/FIN 3301	
MKT 2202 Marketing Management.....		HR 2201	
ORM 3308 Quantitative Methods in Business I.....		MKT 2201	
		ORM 3301	
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 and international cultural studies. 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 <b>FIVE</b> of the following courses .....	15		
BUS 2001 Global Business .....		BUS 1001	
BUS 3342/PHI 3342 Business Ethics .....		Any 2000-level PHI course	
ECO 3305/ICS 3305 European Economies .....		ECO 1201	
ECO 4403 International Economics, Trade, and Finance.....		{ ECO 2306	
FIN 3420 International Finance .....		{ Junior standing	
ICS 1240 Peoples/Cultures of the Contemporary World I.....		{ ECO 3331/FIN 3301	
ICS 1241 Peoples/Cultures of the Contemporary World II.....		{ MAT 1109	
IT 3410 E-Commerce Integration.....		IT 2410 or MKT 3340	
MKT 3330 International Marketing.....		MKT 2201	
MKT 3370 Travel and Tourism Marketing.....		MKT 2201	
Total credits required.....	15		





## Marketing

The study of Marketing provides the qualitative and quantitative skills to be successful in careers throughout the business spectrum. 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 profession 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 2201 Marketing .....	3	BUS 1001	
Select <b>FOUR</b> of the following courses .....	12		
BUS 3342/PHI 3342 Business Ethics .....		Any 2000-level PHI course	
MKT 2203 Introduction to Travel and Tourism .....		MKT 2201	
MKT 3304 Marketing Management .....		MKT 2201	
MKT 3307 Advertising and Sales Promotion.....		MKT 2201	
MKT 3309 The Sales Function .....		MKT 2201	
MKT 3315 Public Relations.....		MKT 2201	
MKT 3316 Merchandising .....		MKT 2201	
MKT 3330 International Marketing .....		MKT 2201	
MKT 3340 Direct Marketing.....		MKT 2201	
MKT 3370 Travel and Tourism Marketing.....		MKT 2201	
MKT 3440 Internet Marketing.....		MKT 2201	
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 <b>ONE</b> of the following courses.....	3-4		
ACC 1001 Introduction to Accounting.....		MAT 0500 or placement exam	
ACC 1101 Elementary Accounting I .....		MAT 0500 or placement exam .....	BUS 1001
BUS 1001 Organization and Management.....	3		
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
FIN 3301 Principles of Finance.....	3	ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
HR 2201 Management Theory and Practice.....	3	BUS 1001	
IT 1001 Computer Tools .....	3		
MKT 2201 Marketing .....	3	BUS 1001	
Total credits required .....	21-22		

## 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 1001 Computer Tools .....	3		
IT 1103 Computer-Based Information Systems .....	3	IT 1001 (may be taken as pre- or co-requisite)	
IT 1104 Programming I.....	3	IT 1001	
Select <b>THREE</b> IT courses 2000 or higher .....	9		
Total credits required .....	18		

## Minor in Sports Management

Today's sports organization are high stakes businesses requiring creative, knowledgeable, and savvy professionals. Sports management is a burgeoning field both nationally and globally. St. Francis College is located in Brooklyn New York, the

epicenter of this expanding area. With numerous major league sports teams, corporations and sporting goods companies, the opportunities for students are abundant. In addition there are several sport related opportunities in television, newspapers and radio. The St. Francis Sports Management Program will provide the skills necessary for any number of career choices including work as a sports agent, fitness director, strength and

fitness coach, and sports photographer. In addition students will learn a skill set to enhance their expertise and knowledge in

supervision, finance, media relations and sales promotion.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
SPM 1001 Introduction to Sport Management.....	3		
BUS 1001 Organization and Management.....	3		
SPM 2070 Organization Theory in Sport Management .....	3	SPM 1001	
Select <b>TWO</b> of the following courses .....	6		
COM 3220 Sports Writing.....		WRI 1100	
IT 3413 E-Commerce.....		IT 2413 or MKT 3340	
MKT 2201 Marketing .....		BUS 1001	
PE 3322 Introduction to Legal Issues.....			
PE 4316 Psychology of Sport.....			
SPM 2050 Facilities and Event Management .....		SPM 1001	
SPM 2080 Sports and the Law .....		SPM 1001	
<b>Total credits required</b> .....	<b>15</b>		

### 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 <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
MAT 1109 Mathematics for Managerial Science I.....		MAT 1105 or placement exam	
MAT 2301 Statistics.....		MAT 1104 or placement exam	
ACC 1101 Elementary Accounting I.....	4	MAT 0500 or placement exam .....	BUS 1001
ACC 1102 Elementary Accounting II.....	4	ACC 1101	
BL 2101 Business Law I.....	3	BUS 1001	
BL 2102 Business Law II .....	3	BL 2101	
BUS 1001 Organization and Management.....	3		
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
Select <b>ONE</b> of the following courses.....	3		
ECO 2202 Principles of Microeconomics .....		ECO 1201	
ECO 2306 Money and Banking.....		ECO 1201; pre- or co-requisite: ECO 2202	
ECO 3331/FIN 3301 Principles of Finance .....	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
HR 2201 Management Theory and Practice.....	3	BUS 1001	
IT 1001 Computer Tools .....	3		
MKT 2201 Marketing .....	3	BUS 1001	
SFC 1001 Freshman Seminar .....	1		
<b>Total credits required</b> .....	<b>66</b>		



## Graduate Certificate in Project Management

This 12-credit advanced program will enable students at all career levels the opportunity to enhance their existing skills and broaden their range of knowledge in a professional career that spans many industries. Students will develop an appreciation for the theory of project management will applying it to case studies and their current work situation. The Certificate in Project Management program is a facilitated approach to learning and applying the

fundamentals as well as the soft skills such as communication and motivation that are critical to the success of the project and the project manager. Students who complete the program will be able to manage projects using the professional standards as guidelines, plan for and manage project risk, develop and deploy the project's budget and financial responsibilities and understand the dynamics of team relationship and their impact on project access.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
PM 6000 Fundamentals of Project Management.....	3		
PM 6010 Project Risk Management.....	3	PM 6000	
PM 6020 Finance for Project Managers.....	3	PM 6000	
PM 6030 Optimizing Project Management Teams.....	3	PM 6000	
Total credits required.....	12		



# Mathematics

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

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***Chairperson***

Dr. Fotios Paliogiannis

***Professor***

Paliogiannis

***Associate Professor***

Shochat

***Assistant Professor***

Gaynor

***Professor Emeritus***

Andres

***Instructor***

DiClementi

---

***Adjuncts***

Ahmed  
Mangano  
Manniello  
Lavoizier  
Salts  
Schaefer  
Seaton  
Tamari  
Zaderman

## 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 1107 Pre-Calculus and MAT 2202 Calculus I.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	44		
➔ Select <b>BOTH</b> of the following courses to satisfy the Natural Science/Mathematics core requirement			
PHY 2001 General Physics I .....		MAT 2202	
PHY 2002 General Physics II .....		PHY 2001	
Select <b>EITHER</b> Group A or Group B below <sup>1</sup> .....	6		
Group A—Select <b>TWO</b> foreign language courses in sequence			
Group B—Select <b>TWO</b> IT courses in sequence			
MAT 2202 Calculus I .....	4	MAT 1107 or placement exam	
MAT 2203 Calculus II .....	4	MAT 2202	
MAT 3304 Calculus III .....	4	MAT 2203	
MAT 3312 Linear Algebra .....	4	MAT 2203	
MAT 3401 Differential Equations I .....	3	MAT 2203	
MAT 4403 Advanced Calculus I .....	4	MAT 3304	
MAT 4404 Advanced Calculus II .....	4	MAT 4403	
MAT 4409 Modern Algebra .....	3	MAT 3304	
MAT 4415 Probability Theory .....	3	MAT 3304	
Select <b>THREE</b> MAT courses, excluding MAT 2301 .....	9		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	33		
<b>Total credits required</b> .....	<b>128</b>		

*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.*

<sup>1</sup> 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 2202 Calculus I .....	4	MAT 1107 or placement exam	
MAT 2203 Calculus II .....	4	MAT 2202	
MAT 3304 Calculus III .....	4	MAT 2203	
MAT 3312 Linear Algebra .....	4	MAT 2203	
Select <b>TWO</b> of the following courses .....	6		
MAT 2309 College Geometry .....		MAT 1107	
MAT 3401 Differential Equations I .....		MAT 2203	
MAT 3406 Theory of Numbers .....		MAT 2202	
MAT 4403 Advanced Calculus I .....		MAT 3304	
MAT 4408 Numerical Analysis .....		MAT 3304 or MAT 3401	
MAT 4409 Modern Algebra .....		MAT 3304	
MAT 4413 Advanced Linear Algebra .....		MAT 3312	
MAT 4415 Probability Theory .....		MAT 3304	
<b>Total credits required</b> .....	<b>22</b>		



# Nursing

Office: Room 4311  
Phone: (718) 489-5497

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## Chairperson

Dr. Susan Saladino

## Professor

Saladino

## Associate Professors

Roncoli

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## Adjunct Professors

Bove  
Martin  
Kehoe  
Kontzamanis  
Valenti

Note: Program is open only to qualified transfer students with a valid New York State 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 designed to prepare nurses for the rigors of an increasingly technological and globalized marketplace and society. . The department's mission encompasses the Franciscan and Catholic traditions that underpin its commitment to academic excellence, spiritual and moral values, physical fitness, social responsibility, and life-long learning. These traditions include The Franciscan tradition of service, equality, aesthetics, freedom, honor, dignity, justice, and truth that are demonstrated within the context of professional nursing standards at the baccalaureate level (AACN Baccalaureate Essentials; 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.*
- *Demonstrate proficiency in the use of technology in the delivery of nursing 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 and information technology.

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 day and evening whenever possible. 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 must be completed within a five-year period.

When accepted into the program, student transcripts will be evaluated for transfer credits. A total of up to 97 credits completed with grades of C or higher may be transferred, including up to 30 pre-licensure credits in nursing. Students from diploma programs, foreign programs or non-accredited programs may make arrangements to earn up to 30 credits in nursing by successfully completing the NLN ACE II Test. This exam must be taken before major status in nursing is granted at St. Francis. The exam, if needed, must be passed before registering for NUR-4323. Graduates of foreign nursing schools who have received certification from the Commission on Graduates of Foreign Nursing Schools (CGFNS) will be awarded 30 credits in nursing upon submission of the CGFNS certificate. 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. Students are encouraged to obtain a copy of the Department of Nursing Admission Requirements and to consult the Department of Nursing Student Handbook for further information.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Nursing credits transferred .....	30		
BIO 1140 Anatomy and Physiology for Health Science I .....	4		
BIO 1141 Anatomy and Physiology for Health Science II .....	4	BIO 1140	
BIO 3300 Microbiology for Health-Related Sciences.....	4	BIO 1141	
BIO 4450 Pharmacology.....	3	BIO 1202, BIO 3350, CHE 1202 and CHE 2102	
CHE 1101 Chemistry and Life I.....	4	MAT 0500 or placement exam	
COM 1000 Fundamentals of Speech.....	3		
IT 1001 Computer Tools .....	3		
IT 2550 Medical Informatics .....	3	IT 1001	
MAT 2301 Statistics .....	3	MAT 1104 or higher	
NUR 3311 Geriatric Nursing .....	2		
NUR 3321 Physical Assessment .....	4		
NUR 3322 Nursing Issues .....	3		
NUR 3423 Nursing Leadership and Management .....	3		
NUR 3501 Nursing Seminar I.....	1		
NUR 4323 Professional Nursing Bridge (Clinical).....	4	{ IT 1001 .....	NUR 4324
	NUR 3221, Chairperson's approval		
		NUR 3222	
NUR 4324 Professional Nursing Bridge (Lecture).....	3		NUR 4323
NUR 4421 Community/Public Health (Clinical) .....	4	{ COM 1000 .....	NUR 4422
			NUR 4324, Chairperson's approval
		NUR 4324.....	NUR 4421
NUR 4422 Community/Public Health (Lecture).....	3	NUR 4323	
NUR 4502 Nursing Seminar II.....	1		
NUR 4600 Nursing Research.....	3	{ WRI 1500	
			MAT 2301
PSY 1100 General Psychology.....	3		
Any 1000- or 2000-level REL course.....	3		
WRI 1500 Advanced Composition .....	3	WRI 1100	
Liberal Arts and Science electives.....	27		
<b>Total credits required.....</b>	<b>128</b>		

*The successful completion of NUR 3501 and NUR 4502 satisfies the College's Comprehensive Examination/Thesis requirement.*

# Philosophy and Religious Studies

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

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## **Chairperson**

Dr. Sophie Berman

## **Professors Emeriti**

Langiulli  
Largo  
Slade

## **Professors**

Galgan  
Macchiarola  
Pedersen  
Udoff

## **Associate Professor**

Berman

## **Assistant Professors**

Bolan  
Sadlier

## **Adjuncts**

Brown  
Carrano  
Dick  
Egler  
Farley  
Fried  
Golub  
Hurst  
Long  
Marino  
Mixon  
Moser  
Mumper  
Perricone  
Vaisfeld  
Yegge  
Youngman

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## Mission of the Philosophy Major

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, literary criticism, 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

- *To develop in students an understanding of the nature, purpose, and importance of the philosophical enterprise, and to invite them to engage personally in the activity of philosophizing. Fostering a spirit of wonder and questioning is an essential aspect of this goal.*
- *To 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.*
- *To 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 to derive nourishment from it for one's own thought, constitutes an essential goal of the program.*

## Mission of the Religious Studies Major

At St. Francis College, Religious Studies aims to enable students to understand and appreciate the religious beliefs and practices of all peoples in historical and cultural 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.

In keeping with the Catholic and Franciscan heritage of the College, Religious Studies at St. Francis includes both descriptive study of religious history, literature and practice and constructive inquiry into religious ideas and meaning through the study of Christian theology, of the religious thought of other traditions, and of ethics with an emphasis on contemporary issues.

## Goals and Objectives

- *To provide students with a substantive knowledge of religious traditions and a critical understanding of the enterprise of the study of religion.*
- *To develop in students 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. Each student majoring in Religious Studies will achieve competence in his or her area of concentration in an overall program of study designed in consultation with the faculty.*
- *To foster among students a spirit of positive engagement with religions other than their own through class work, research and site visits.*
- *To serve not only the professional aspirations and academic needs but also the personal concerns of all students who enter the program, whatever their religious background or affiliation.*



# Program Requirements

## Major in Philosophy

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
<p>➔ Select the following course to satisfy the Philosophy Elective core requirement</p>			
PHI 3327 Metaphysics .....	3	Any 2000-level PHI course	
Select <b>TWO</b> 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 <b>TWO</b> Natural Science or Mathematics courses <sup>1</sup> .....	6		
PHI 3333 Philosophical Theology.....	3	Any 2000-level PHI course	
PHI 3403 Moral Philosophy.....	3	Any 2000-level PHI course	
PHI 3404 Political Philosophy.....	3	Any 2000-level PHI course	
PHI 3431 Greek Philosophy.....	3	Any 2000-level PHI course	
PHI 3432 Medieval Philosophy.....	3	Any 2000-level PHI course	
PHI 3441 Modern Philosophy.....	3	Any 2000-level PHI course	
PHI 3442 Twentieth-Century Philosophy.....	3	Any 2000-level PHI course	
Select <b>THREE</b> PHI courses .....	9		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	36		
<b>Total credits required</b> .....	<b>129</b>		

*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.*

<sup>1</sup> If mathematics is used to satisfy the core curriculum requirement, then natural science must be selected, and vice versa.



## 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 1101 Survey of the World's Religions.....			
Select <b>TWO</b> foreign language courses in sequence <sup>1</sup> .....	6		
Select <b>ONE</b> of the following courses.....	3		
REL 2301 Central Themes of the Old Testament.....			
REL 2302 Central Themes of the New Testament.....			
Select <b>ONE</b> of the following courses.....	3		
REL 2501 Contemporary Moral Issues .....		Sophomore standing	
REL 2502 Moral Values and Health Issues .....			
Select <b>TWO</b> of the following courses .....	6		
REL 2103 Religions of Asia.....			
REL 2104 Religions of Africa and the African Diaspora.....			
REL 2201 The Christian Tradition.....			
REL 2202 Judaism.....			
REL 2203 Islam .....			
Select REL 3701 Approaches to the Study of Religion .....	3	Any 1000- or 2000-level REL course.	
Select REL 4991 Independent Study: Thesis Direction .....	3	Chairperson's approval	
Select <b>TWO</b> REL courses 3000 and higher.....	6	Any 1000- or 2000-level REL course.	
Select <b>THREE</b> REL courses 2000 or higher .....	9		
Select <b>SIX</b> HIS, ICS, PSC, PSY, or SOC courses, any combination relevant to student's concentration .....	18		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	27		
<b>Total credits required .....</b>	<b>129</b>		

*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.*

<sup>1</sup> Student must elect 6 credits or demonstrate the equivalent ability in one language.

### 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)
PHI Core Curriculum .....	9		
Select <b>TWO</b> of the following courses .....	6		
PHI 3431 Greek Philosophy.....		Any 2000-level PHI course	
PHI 3432 Medieval Philosophy .....		Any 2000-level PHI course	
PHI 3441 Modern Philosophy .....		Any 2000-level PHI course	
PHI 3442 Twentieth-Century Philosophy.....		Any 2000-level PHI course	
Select <b>TWO</b> of the following courses .....	6		
PHI 3310 American Philosophy .....		Any 2000-level PHI course	
PHI 3312 Women in Philosophy.....		Any 2000-level PHI course	
PHI 3315 Philosophy of History .....		Any 2000-level PHI course	
PHI 3316 Philosophy of Art.....		Any 2000-level PHI course	
PHI 3326 Philosophy of Science .....		Any 2000-level PHI course	
PHI 3327 Metaphysics.....		Any 2000-level PHI course	
PHI 3333 Philosophical Theology.....		Any 2000-level PHI course	
PHI 3340 Special Problems in Ethics .....		Any 2000-level PHI course	
PHI 3341 Philosophy of Law .....		Any 2000-level PHI course	
PHI 3403 Moral Philosophy .....		Any 2000-level PHI course	
PHI 3404 Political Philosophy .....		Any 2000-level PHI course	
<b>Total credits required .....</b>	<b>21</b>		



## 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 1101 Survey of the World's Religions .....	3		
Select <b>ONE</b> of the following courses.....	3		
REL 2301 Central Themes of the Old Testament.....	3		
REL 2302 Central Themes of the New Testament.....	3		
Select <b>ONE</b> of the following courses.....	3		
REL 2501 Contemporary Moral Issues .....	3	Sophomore standing	
REL 2502 Moral Values and Health Issues .....	3		
Select <b>THREE</b> REL courses.....	9		
Total credits required .....	18		



# Pre-Health Professions Programs

Office: Room 8312  
Phone: (718) 489-5495

The pre-health professions programs prepare students to pursue further studies in professional schools for medicine, dentistry, podiatry, optometry 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).

The pre-health professions' office assists students to prepare for these various health related careers by providing information and assistance on requirements, the application process, open house, days, and other kinds of relevant information.

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

Further specific information is available as listed below:

<u>Program</u>	<u>Page</u>
Medical Technology .....	36
Physician Assistant .....	42
Pre-Podiatry .....	35
Radiologic Sciences .....	36

## Requirements for Medical, Dentistry, Optometry 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 AML, BRL, DRA, or LIT course 2100 or higher

- BIO 1201 General Biology I
- BIO 1202 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 2202 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 2206 Histology
- BIO 2250 Introduction to Cell Biology
- BIO 3301 Microbiology
- BIO 3303 Genetics
- BIO 3320 Molecular Biology
- BIO 3350 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 Office for Pre-Health Professions Program 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.

As soon as possible upon admission to the College, interested students should consult the Office for Pre-Health Professions Program 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 Office for Pre-Health Professions 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.



# Professional Studies

**Office:** Room 3001  
**Phone:** (718) 489-5472

Note: Program is open only to qualified transfer students. Department approval is required to declare the Professional Studies major.

## Program Mission

The Bachelor of Science in Professional Studies is a degree completion program designed especially for working adults and other nontraditional learners. The Professional Studies program provides students with the flexibility to tailor their educational experience to meet both personal and professional objectives. At the same time, the program provides sufficient academic structure to maintain the high standards of at St. Francis College bachelor's degree.

Professional Studies students have the option of designing, with faculty advisement, their own individualized undergraduate degree programs or they can select an interdisciplinary concentration in Organizational Management and Leadership, Management of Technology, or additional area of study. Included in every Professional Studies program is a seven course sequence that fulfills the core curriculum required in traditional majors.

Since adults obtain knowledge in many different ways – through traditional college classes, online courses, work experience, community activities and additional means – Professional Studies students have a variety of opportunities to earn credit for college-level learning undertaken elsewhere. In addition to transferring a significant number of credits from other institutions, students can also participate in the College's Experiential Learning program, which assists students in

earning credit through standardized college-level examinations, portfolio review, and professional training programs.

## Goals and Objectives

- To provide a coherent program of study that integrates academic coursework in several areas, lifelong learning, and professional experience within an interactive learning environment.
- To provide a blend of academic structure and flexibility that enables students to define and meet their unique educational goals.
- To maximize the transfer of credits for courses taken at other postsecondary institutions and through additional college-level experiences.
- To enrich students with the skills, discipline, and perspective of a liberal education.
- To provide an excellent preparation for career enhancement and/or graduate education.

## Program Requirements

Candidates for admission to the Professional Studies program are typically working adults who have previously undertaken significant coursework at other postsecondary institutions. Professional Studies students have the option of designing, with faculty advisement, their own individualized undergraduate degree programs or they can select an interdisciplinary concentration in Organizational Management and Leadership, Management of Technology, or additional areas of study (see concentration descriptions below).

To earn a Bachelor of Science in Professional Studies students are required to complete a minimum of 128 credits, broken down as follows:

## Major in Professional Studies

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	21		
IT 1001 Computer Tools .....	3		
Area(s) of Concentration.....	33*		
Any FIT course or HS 1001 .....	2		
Additional Liberal Arts electives .....	29-41**		
Free electives .....	28-40***		
<b>Total credits required .....</b>	<b>128**</b>		

\*Note: a maximum of 21 credits may be taken in one department.

\*\*Note: a minimum of 64 credits must be in the liberal arts and sciences. The number of Liberal Arts credits will vary based on number of liberal arts and sciences credits are taken in Area of Concentration.

\*\*\*Note: the number of free electives a student will take will vary based on the number of liberal arts courses taken in the Area of Concentration.

## Professional Studies-Concentration in Organizational Management & Leadership (OML)

The OML program is designed for adults in a variety of occupational settings who desire to advance in the workplace or simply accomplish a personal goal of obtaining a bachelor's degree. OML students typically have considerable work experience, a significant number of transferable college credits, and busy personal/professional lives. Effective management and leadership are essential to the success of any public and private organization. The OML program provides students with essential managerial and leadership skills and

competencies that will help them succeed in a variety of organizational settings as well as respond to the challenges of a changing workplace. In addition to learning valuable managerial and leadership concepts, OML students are provided with critical oral, written, and interpersonal communication skills; an understanding of important organizational processes; effective supervisory skills; and the ability to think creatively, critically, ethically, and logically.



Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	21		
IT 1001 Computer Tools .....	3		
OML Concentration .....	33		
BUS 1001 Organization and Management.....	3		
BUS 2001 Global Business .....	3	BUS 1001	
BUS 2250 Business Communications .....	3	BUS 1001 and WRI 1100	
BUS 3342 Business Ethics .....	3	PHI 2201 or PHI 2203	
COM 2040 Interpersonal Communication .....	3	COM 1000	
COM 2050 Group Process .....	3	COM 1000	
FIN 3316 Personal Finance .....	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
HR 2201 Management Theory and Practices .....	3		BUS 1001
HR 3304 Human Resources Management .....	3		HR 2201
PSY 2213 Group Dynamics.....	3		
PSY 2217 Industrial and Organizational Psychology.....	3		
Any FIT course or HS 1001 .....	2		
Additional Liberal Arts electives .....	29		
Free electives .....	40		
<b>Total credits required.....</b>	<b>128**</b>		

**\*\*Note:** a minimum of 64 credits must be in the liberal arts and sciences. The number of Liberal Arts credits will vary based on number of liberal arts and sciences credits are taken in Area of Concentration.

### Professional Studies-Concentration in Management of Technology (MOT)

The MOT program is designed for adults in a variety of occupational settings who desire to advance in the workplace or simply accomplish a personal goal of obtaining a bachelor's degree. MOT students typically have considerable work experience, a significant number of transferable college credits, and busy personal/professional lives. Effective skills in management and Information Technology are essential to the success of any public and private organization. The MOT program provides students with essential skills in management,

computer applications, and information systems that will help them succeed in a variety of organizational settings as well as respond to the challenges of a changing workplace. In addition to learning valuable managerial and IT skills, MOT students are provided with critical oral, written, and interpersonal communication skills; an understanding of important organizational processes; effective supervisory skills; and the ability to think creatively, critically, ethically, and logically.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	21		
IT 1001 Computer Tools .....	3		
MOT Concentration .....	33		
BUS 1001 Organization and Management.....	3		
BUS 2001 Global Business .....	3	BUS 1001	
FIN 3316 Personal Finance .....	3	{ ACC 1001 or ACC 1101 ECO 2202 or ECO 2306 MAT 1105 or placement exam	
HR 2201 Management Theory and Practice.....	3		BUS 1001
HR 3304 Human Resources Management .....	3		HR 2201
IT 1103 Computer-Based Information Systems .....	3	IT 1001 .....	IT 1001
IT 2201 Telecommunications and Networking .....	3	IT 1103	
IT 2510 Database Management .....	3	IT 1403	
IT 3301 Project Management .....	3	IT 1001	
IT 3310 Systems Analysis and Design .....	3	IT 2510	
IT 3220 Computer and Network Security.....	3	IT 1103	
Any FIT course or HS 1001 .....	2		
Additional Liberal Arts electives .....	41		
Free electives .....	28		
<b>Total credits required.....</b>	<b>128**</b>		

**\*\*Note:** a minimum of 64 credits must be in the liberal arts and sciences. The number of Liberal Arts credits will vary based on number of liberal arts and sciences credits are taken in Area of Concentration.



# Psychology

Office: Room 5202  
Phone: (718) 489-5323

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## **Chairperson**

Dr. Jennifer Lancaster

## **Professors**

Anolik  
Gielen  
Goodstein  
Hirsch

## **Associate Professors**

Lancaster

## **Assistant Professors**

Biolsi

## **Adjuncts**

Alicea  
Anger  
Bourgeois  
DePalo  
Magdaleno  
McKay  
Michalski  
Miller  
Mora  
Pagan-Guzman  
Pellman  
Petrosino  
Robertson  
Spero  
Watson  
Wilson

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## Department Mission

The Psychology Department is committed to the larger mission of St. Francis College, promoting academic excellence and fostering critical thinking and a commitment to social justice. These are implemented with sensitivity to and appreciation of intellectual and cultural diversity. The Psychology Department is committed to furthering the understanding of the mind and behavior by the methods of science and to the development of applications of the science of psychology to promote human welfare. The department offers programs combining methodological and theoretical courses with fieldwork and the development of applied skills. Students learn about the foundations of psychology through a wide array of courses and activities, train for work in applied fields and prepare for advanced study. The psychology major offers the study of the science of psychology and the general benefits of a liberal arts education, emphasizing the preparation for lifelong learning, critical thinking and responsible action.

## Goals and Objectives

- *Train students for lifelong learning, thinking and action by providing an education which teaches psychology's knowledge base, scientific methodology, interpersonal skills and ethics*
- *Prepare majors who will enter careers in human services, business, education and other applied fields to be competent, caring professionals.*
- *Prepare students who will continue their education in advanced study to be culturally sensitive, well-prepared and creative graduate students*
- *Provide students with coursework and extracurricular activities that enhance their knowledge and appreciation of psychology*
- *Encourage faculty to support and carry out departmental goals in an atmosphere of mutual respect and friendship among 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 in International Psychology at St. Francis; to involve students in cross-cultural research; to help internationalize the curriculum; 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.

IICCP members in the SFC community include Dr. Renée Goodstein, Director of Student Affairs, and Drs. Francis Greene, Michele Hirsch, Emily Horowitz, Jennifer Lancaster, and Frank J. Macchiarola who serve on the Board of Directors. Many are currently involved in teaching cross-culturally oriented courses in the Department of Psychology, the International Studies Program, the Honors Program, and the Department of Sociology, Criminal Justice and Social Studies. In addition, IICCP sponsors SFC's annual Community Day, an international festival of prayer, music, dance, poetry, art, and cuisine.

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

The Institute has sponsored and supported the writing and editing of 15 scientific books and more than 60 articles. Recent volumes have focused on topics such as international migration, healing and therapy across cultures, families and family therapy around the world, cross-cultural childhood research, Obama's childhood in Hawai'i and Indonesia, psychology in the Arab world, and global psychology. Work on additional volumes and research projects is in progress including an intensive investigation of the psychosocial adjustment of Chinese American immigrant adolescents and young adults residing in New York City.

A more detailed progress report of the Institute for the years 1998–2010 may be found at [www.iiccp.freeservers.com](http://www.iiccp.freeservers.com).

## Program Requirements

### Policy on D Grades within the Major

The Chairperson reserves the right to waive one D in a required major course, with the exception of the following courses: PSY 1101, PSY 3300, PSY 4998 and PSY 4999. Psychology majors must earn a minimum grade of C in each of these courses. Please see the Chairperson for any questions or clarification.

### Policy on transfer courses within the Major

Transfer equivalencies as evaluated by the St. Francis College are accepted, with the exception of the following courses: PSY 1101, PSY 3300, PSY 4998 and PSY 4999. There is no transfer course equivalency for 3000 and 4000-level courses from two-year institutions. Please see the Chairperson for any questions or clarification.

### 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 and 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 <b>SIX CREDITS</b> of natural science to satisfy the Natural Science/Mathematics core requirement, including:			
BIO 1101.....			
Any other BIO, CHE, PHY, SCI course .....			
Select <b>TWO</b> foreign language courses in sequence.....	6		
MAT 1104 or higher .....	3		
PSY 1100 General Psychology.....	3		
PSY 1101 Introduction to Psychological Research <sup>1</sup> .....	4	PSY 1100	
PSY 1103 Developmental Psychology I:			
Childhood and Adolescence .....	3		
PSY 2205 Psychology of Learning .....	3	PSY 1101	
PSY 3300 Statistical Methods in Psychology <sup>1</sup> .....	4	{ MAT 1104 or higher PSY 1101	
PSY 3360 Psychobiology.....	3	PSY 1101 and two higher PSY courses	
PSY 3380 Cross-Cultural and Multicultural Psychology .....	3	For ICS majors: ICS 1241; For PSY majors: PSY 1101, PSY 1103, and one 2000-level or higher PSY course.	
PSY 4411 History and Systems of Psychology .....	3	{ PSY 1101 Two higher PSY electives	
PSY 4420 Applied Psychology .....	4	{ Psychology major; PSY 1101 and two higher PSY courses Junior or senior standing	
PSY 4000-4199 Seminar in Psychology .....	3	PSY 1101 and two 3000 and/or 4000 level PSY courses	
PSY 4998 Experimental Psychology I <sup>1</sup> .....	4	PSY 3300	
PSY 4999 Experimental Psychology II <sup>1</sup> .....	4	PSY 4998	
Select <b>THREE</b> of the following courses .....	9		
(ONE at 3000-level, ONE at 4000-level, and ONE other from this list)			
PSY 3307 Theories of Personality .....		PSY 1101 and two higher PSY courses	
PSY 3312 Social Psychology .....		PSY 1101 and two higher PSY courses	
PSY 3320 Cognitive Psychology .....		PSY 1101 and two higher PSY courses	
PSY 4000-4199 Seminar in Psychology .....		Three 3000/4000 level PSY courses	
PSY 4409 Abnormal Psychology .....		{ PSY 1101 PSY 1103 and one 2000-level or higher PSY course	
PSY 4461 Sensation and Perception .....		{ PSY 1100 PSY 1101 PSY 3360	
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	27		
<b>Total credits required.....</b>	<b>128</b>		

The successful completion of PSY 4998 and PSY 4999 satisfies the College's Comprehensive Examination/Thesis requirement.

<sup>1</sup> Transfer credit will not be accepted for these courses.





## Minor in Psychology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
PSY 1100 General Psychology .....	3		
PSY 1101 Introduction to Psychological Research .....	4	PSY 1100	
PSY 1103 Developmental Psychology I: Childhood and Adolescence .....	3		
PSY 4411 History and Systems of Psychology .....	3	{ PSY 1101 Two PSY electives	
Select <b>TWO</b> of the following courses .....	6		
PSY 3307 Theories of Personality .....		PSY 1101 and two higher PSY courses	
PSY 3312 Social Psychology .....		PSY 1101 and two higher PSY courses	
PSY 3320 Cognitive Psychology .....		PSY 1101 and two higher PSY courses	
PSY 4409 Abnormal Psychology .....		{ PSY 1101 PSY 1103 and one 2000-level or higher PSY course	
Total credits required .....	19		



# Sociology and Criminal Justice

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**Office:** Rooms 6012, 6014 and 6016

**Phone:** (718) 489-5476

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***Chairperson***

Dr. Jaskiran K. Mathur

***Professor***

Kaune

***Associate Professor***

Mathur

Horowitz

***Assistant Professors***

Phenix

Phillips

***Adjuncts***

Boian

Fox

Gjelaj

Gibaldi

Gondek

Irizarry

Kelly

Klein

Lataianu

Lewis

McConnell

Mullins

Pappas

Peterson

Powell

Savatta

Schembri

Sculco

Sutterlin

Wilson

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## 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 Introduction to Criminal Justice .....	3		
SOC 2010 Criminology .....	3	SOC 1000	
CJ 2030 Police Practices and Procedures .....	3	CJ 1020	
CJ 2040 Probation and Parole .....	3	CJ 1020	
CJ 2050 Corrections .....	3	CJ 1020	
SOC 2070 Sociology of Minority Groups .....	3	SOC 1000	
CJ 2080 Rights of the Accused .....	3	CJ 1020	
CJ 3000 Criminal Law .....	3	CJ 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 <b>FOUR</b> CJ courses .....	12		
Select <b>EITHER</b> Group A or Group B below <sup>1</sup> .....	6		
Group A—Select <b>TWO</b> foreign language courses in sequence			
Group B—Select <b>TWO</b> IT courses except IT 1001			
IT 1001 Computer Tools .....	3		
PSY 1100 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 and IT 1001	
Liberal Arts electives .....	9		
Any FIT course or HS 1001 .....	2		
SFC 1001 Freshman Seminar .....	1		
Free electives .....	12		
<b>Total credits required</b> .....	<b>127-129</b>		

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

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

Those students who are declared criminal justice majors and who successfully complete a minimum of 40 hours with the New York Police Department Police Academy and a minimum of 135 contact hours while participating in the New York Police Department Police Cadet Program may enroll in CJ 4991 for three additional credits and will be awarded three credits to satisfy the 12 elective credits requirements with approval from the Department Chairperson.

## Major in Sociology

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	42		
SOC 2070 Sociology of Minority Groups .....	3	SOC 1000	
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 3308 Urban Economics .....	3	ECO 1201	
Select <b>EITHER</b> Group A or Group B below <sup>1</sup> .....	6		
Group A—Select <b>TWO</b> foreign language courses in sequence			
Group B—Select <b>TWO</b> IT courses in sequence			
Mathematics or Science <sup>2</sup> .....	6		
Select <b>ONE</b> of the following courses.....	3		
PSC 2304 State and Local Government .....		15 college credits	
PSC 2306 Metropolitan Government and Politics .....		15 college credits	
PSY 1100 General Psychology .....	3		
Select <b>ONE</b> of the following courses.....	3		
PSY 2213 Group Dynamics.....		PSY 1100 or SOC 1000	
PSY 3312 Social Psychology.....		PSY 1101 and two higher PSY courses	
Select <b>EITHER</b> Group A or Group B below .....	6		
Group A—Select <b>BOTH</b> of the following courses			
CJ 1020 Introduction to Criminal Justice .....			
SOC 2010 Criminology.....		SOC 1000	
Group B—Select <b>BOTH</b> of the following courses			
SOC 2000 Social Problems .....		SOC 1000	
SOC 2030 Introduction to Social Work .....		SOC 1000	
SOC 3060 Law and Society .....	3	SOC 1000	
Select <b>ONE</b> 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	
SOC 4210 Social Research Methods .....	3	SOC 1000	
SOC 4220 Quantitative Methods for Sociology .....	3	SOC 4210 and IT 1001	
SOC 4990 Internship .....	1-3	SOC 4210	
SOC 4998 Sociology Senior Seminar .....	3	Junior or senior standing	
Select <b>THREE</b> SOC courses .....	9	SOC 4220	
Any FIT course or HS 1001 .....	2	Senior standing	
SFC 1001 Freshman Seminar .....	1		
Free electives .....	18		
<b>Total credits required .....</b>	<b>127-129</b>		

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

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

<sup>2</sup> 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		
SOC 2060 Child Welfare .....	3	SOC 1000	
SOC 2070 Sociology of Minority Groups .....	3	SOC 1000	
SOC 3060 Law and Society .....	3	SOC 1000	
ECO 1201 Principles of Macroeconomics .....	3	MAT 0500 or placement exam (pre- or co-requisite)	
ECO 3308 Urban Economics .....	3	ECO 1201	
IT 1001 Computer Tools .....	3		
Select <b>EITHER</b> Group A or Group B below <sup>1</sup> .....	6		
Group A—Select <b>TWO</b> foreign language courses in sequence			
Group B—Select <b>TWO</b> IT courses in sequence except IT 1001			
Select <b>TWO</b> Natural Science or Mathematics courses <sup>2</sup> .....	6-8		
PSY 1100 General Psychology .....	3		
PSY 1103 Developmental Psychology I:			
Child and Adolescent Psychology.....	3		
PSY 1104 Developmental Psychology II: Adulthood and Aging.....	3		
Select <b>ONE</b> of the following courses.....	3		
PSY 2213 Group Dynamics.....		PSY 1100 or SOC 1000	
PSY 3312 Social Psychology.....		PSY 1101 and two higher PSY courses	
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	
SOC 4210 Social Research Methods.....	3	SOC 1000	
SOC 4220 Quantitative Methods for Sociology .....	3	SOC 4210 and IT 1001	
SOC 4991 Social Work Practicum I.....	3	SOC 2030	
SOC 4992 Social Work Practicum II .....	3	Junior or senior standing	
SOC 4998 Sociology Seminar.....	3	SOC 4991 (may be taken as pre- or co-requisite)	
Any FIT course or HS 1001 .....	2	SOC 4220	
SFC 1001 Freshman Seminar .....	1	Senior standing	
Free electives .....	15		
<b>Total credits required</b> .....	129-131		

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

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

<sup>2</sup> If mathematics is used to satisfy the core curriculum requirement, then science must be selected or vice versa.

## Minor in Criminal Justice

The criminal Justice Minor is offered in response to the increasing interest in the field amongst students who wish to pursue a bachelor's degree in an area of study that intersects

with criminal justice (e.g. sociology, political science, psychology, history, communications, etc.).

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
CJ 1020 Introduction to Criminal Justice.....	3		
SOC 2010 Criminology .....	3	SOC 1000	
Select <b>ONE</b> of the following courses.....	3		
SOC 2000 Social Problems .....		SOC 1000	
SOC 2070 Sociology of Minority Groups.....		SOC 1000	
<b>TWO</b> CJ elective courses chosen with advisor's consent.....	6	CJ 1020	
<b>Total credits required</b> .....	15		

## 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 1150 Forensic Biology .....	3		
CHE 1101 Chemistry and Life.....	4		
CJ 1020 Introduction to Criminal Justice.....	3		
Select <b>TWO</b> of the following courses .....	6		
CJ 3010 Forensic Science .....		CJ 1020	
CJ 3012 Criminal Investigation .....		CJ 1020	
CJ 4000 Special Topics in Criminal Justice <sup>1</sup> .....		Chairperson approval	
IT 2270 Computer Forensics.....		IT 1001	
<b>Total credits required</b> .....	<b>16</b>		

<sup>1</sup> 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 <b>ONE</b> of the following courses.....	3		
SOC 3020 Theory and History of Sociology .....		SOC 1000	
SOC 4210 Social Research Methods .....		SOC 1000	
<b>TWO</b> elective courses chosen with advisor's consent.....	6		
<b>Total credits required</b> .....	<b>15</b>		

## 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 and CJ 2010.

Courses	Credits	Prerequisite(s)	Co-Requisite(s)
Core Curriculum .....	30		
CJ 1020 Introduction to Criminal Justice.....	3		
SOC 2010 Criminology .....	3	SOC 1000	
Select <b>THREE</b> CJ courses.....	9		
Select <b>ONE</b> 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 1100 General Psychology .....	3		
Select <b>ONE</b> of the following courses.....	3		
PSY 2213 Group Dynamics.....		PSY 1100 or SOC 1000	
PSY 3312 Social Psychology .....		PSY 1101 and two higher PSY courses	
SOC 2000 Social Problems .....	3	SOC 1000	
SFC 1001 Freshman Orientation.....	1		
Free electives .....	6		
<b>Total credits required</b> .....	<b>64</b>		



# Women's Studies

**Office:** Room 5202 or Room 6003  
**Phone:** (718) 489-5455 or (718) 489-5284

## Coordinators

Dr. Athena Devlin  
 Dr. Emily Horowitz  
 Dr. Suzanne Forsberg

## 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

- *Develop a historical perspective of women and their struggles for independence and equality.*
- *Examine gender roles and balance of power differentials across different settings.*
- *Endorse critical thinking and writing about women/gender issues as they are reflected in various disciplines.*
- *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)
Select <b>TWO</b> of the following courses .....	6		
FA 3210 Women in the Arts and Sciences.....	}	WRI 1100	FA 1401, FA 1402 or any LIT 2000 course
HS 1403 Women's Health Issues.....		FA 1401, FA 1402 or any LIT 2000 course	
PSY 3329 Psychology of Women .....			
PSY 3370/SOC 3370 Gender Roles in Cross-Cultural Perspectives .....	}	PSY 1100, one higher PSY elective	
SOC 2001 Intro to Women's Studies.....		SOC 1000	
SOC 1000			
Select <b>THREE</b> of the following courses .....	9		
AML 2120 Gender in American Literature.....		WRI 1100	
ECO 3340 Gender and the Economy .....		ECO 1201	
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 .....	15		

# Women's Studies Center

**Office:** Room 6003  
**Phone:** (718)489-5284

## Directors

Dr. Athena Devlin  
 Dr. Emily Horowitz

The Women's Studies Center opened at St. Francis College in July 2007. The Center seeks to produce socially aware and interested citizens to further advance equity and opportunities for all individuals. Through an interdisciplinary, inclusive approach, those involved with the Center work to secure funding to support student/faculty research and projects related to the intellectual and practical challenges – past, current and future – posed by gender and faced by women in particular. Women's global and political issues are addressed through strong leadership and activism. The Center also serves the larger community by raising awareness of gender issues

through workshops, lectures and related cultural events and projects.

The Women's Studies Center operates in cooperation with the Women's Studies Minor. While the Women's Studies Minor is an academic program with scholarship at its foundation, the Women's Studies Center has 'action' as its cornerstone to support the academic endeavors of the Minor. In doing so, the Center strives to strengthen alliances both within and outside of St. Francis College to promote awareness and make positive contributions to the lives of women and those around them.



# 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**

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# Accounting [ACC] Courses

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

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## **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 0500 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 0500 or a passing grade on the math placement test. Co-requisite: BUS 1001. 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 partnership accounting, accounting for 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 1001 (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 intangible assets, 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 1001. 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 1001 (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), are also discussed. A term paper is required. Prerequisite: ACC 4101. 3 credits. Offered as needed.

### **ACC 4202 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 will examine how a relational database approach is utilized to design and develop a complex system of storing and retrieving data. The REA model is used to analyze the relationship between an organization's essential resources, events and agents. Prerequisites: ACC 2201. 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 electronic 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 1001 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/or 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/or evening.

### **Graduate Courses**

### **ACC 6101 Accounting Theory and Reporting I**

An in-depth analysis of accounting theory and financial reporting, combining theory and problems. The course 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. International Financial Reporting Standards to be incorporated, as appropriate. Several assignments using EXCEL are required during the semester. A comprehensive project (incorporating transaction analysis, EXCEL schedules and complete statement preparation) is required of all students. Prerequisites: ACC 1102 and IT 1001 [IT 1001 may be taken concurrently]. 4 credits. Fall Semester; evening.

### **ACC 6102 Accounting Theory and Reporting II**

A continuation of Accounting Theory and Reporting I (ACC 6101). Specific topics include recognition and measurement of intangible assets, 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 flows. International Financial Reporting Standards to be incorporated, as appropriate. Several assignments using EXCEL are required during the semester. A comprehensive project (incorporating transaction analysis, EXCEL schedules and complete statement preparation) is required of all students. Prerequisite: ACC 6101. 4 credits. Spring semester; evening.

### **ACC 6201 Accounting Information Technology and Design**

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. Students will be required to complete a comprehensive project on analysis of internal controls of a public traded corporation. Prerequisites: ACC 1101 and ACC 1102 and IT 1001. 3 credits. Every semester; evening.

### **ACC 6202 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 will examine how a relational database approach is utilized to design and develop a complex system of storing and retrieving data. The REA model is used to analyze the relationship between an organization's essential resources, events and agents. Prerequisites: ACC 2201. 3 credits. Offered as needed.

### **ACC 6301 Managerial Accounting**

The course will focus on 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 will be stressed. Students will be required to complete a term paper contrasting a company using a job-order system with a company using a process cost system. Prerequisites: ACC 1101 and ACC 1102 and IT 1001. 3 credits. Fall semester; evening.

### **ACC 6401 Auditing and Assurance Services**

Principles, standards, procedures, and techniques of auditing with emphasis on the analytical approach; including electronic data processing, statistical sampling, risk assessment, types of audit examinations with appropriate reports, evaluation of assets, and substantiation of liabilities and equity accounts. A comprehensive term project involving the analysis of a specific auditing standard must be completed by each student. Prerequisites: ACC 6101 and ACC 6201. 3 credits. Spring semester; evening.

### **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 6501 Individual Taxation**

A study of the basic principles of Federal Income taxation as applied to individuals. Students will be required to complete a comprehensive tax return utilizing current software. Prerequisites: ACC 1101 and ACC 1102. 3 credits. Fall Semester; evening.

### **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 6995 Independent Study in Accounting**

Independent research and study in a topic in Accounting, including submission of a written report. Maximum: two semesters. Prerequisites: graduate standing and approval of the department chairperson. 3-4 credits. Offered as needed.

### **ACC 7101 Special Topics in Accounting**

An in-depth analysis of accounting theory and financial reporting. Course coverage includes partnerships, installment sales, consignments, consolidations, international accounting and accounting for government and not-for-profit entities. International Financial Reporting Standards will be incorporated, as appropriate. A specific comprehensive case analysis which involves a not-for-profit or governmental entity will be assigned to each student. Prerequisite: ACC 6102. 3 credits. Fall semester; evening.

### **ACC 7998 Graduate 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 credits. Prerequisite: ACC 4101. 4 credits. Offered as needed.

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## **Adolescence Education [AED] Courses**

*Education courses appear as Adolescent Education [AED], Childhood Education [CED], Early Childhood Education [EC], Education [ED], Fitness [FIT], and Physical Education [PE]. For further information, please refer to the Education department in the Programs of Study section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

### **AED 2200 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.

Prerequisites: ED 1201 and ED 2020. 3 credits. Offered as needed; day.

### **AED 3320 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 2200 and ED 2100. 3 credits. Spring; day and evening.

### **AED 3340 Secondary English Methods**

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 2200 and ED 2100 and English Chairperson's approval. 3 credits. Fall semester; day.

### **AED 3400 Secondary Mathematics Methods**

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 2200 and ED 2100 and Mathematics Chairperson's approval. 3 credits. Offered as needed.

### **AED 3500 Secondary Social Studies Methods**

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 2200 and ED 2100. 3 credits. Fall semester; day.

### **AED 3600 Secondary Biology Methods**

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 2200 and ED 2100. 3 credits. Spring semester; day.

### **AED 3650 Secondary Chemistry Methods**

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 2200 and ED 2100. 3 credits. Spring semester; day.

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## **American Literature [AML] Courses**

*English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], World Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the Programs of Study section of this book. For specific course information, contact the English department in room 7003 or call (718) 489-5217.*

### **Gateway Courses**

#### **AML 2110 Colonial to Renaissance**

This course surveys American literature from colonial settlement through the literature of the early republic, and culminates in the fictional and poetic achievements of major American Renaissance writers. Writers may include Mather, Winthrop, Edwards, Hutchinson, Franklin, Wheatley, Irving, Poe, Hawthorne, Jacobs, Douglas, Emerson, Thoreau, Stowe, Melville, Dickinson and Whitman. Prerequisite: WRI 1100. 3 credits.

#### **AML 2120 Constructing 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.

#### **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..

#### **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. 3 credits.

## **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. 3 credits.

## **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. 3 credits.

### **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, Crèvecoeur, Audobon, Bartram, Apess, Child, Cooper, and Irving. Prerequisite: WRI 1100. 3 credits.

## **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.

## **AML 2530 Antebellum and Reconstruction**

This course focuses on the nation's literary development before, during and after the Civil War. Literature that gives rise to the issues 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 Douglas, Whitman, Crane, Dubois, Washington, Garrison, and Stanton. Prerequisite: WRI 1100. 3 credits.

## **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.

## **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

## **AML 2555 America in the 1940s**

The 1940s was a unique decade in American history. Dominated by America's entry into World War II, the 1940s were also a boom time for American creativity in the arts and sciences. During these ten years, the country saw the emergence of the American musical on Broadway, while at the movie theaters Americans watched Westerns and, later in the decade, the stylistic films noir. The first successful use of penicillin came in the 1940s, along with the launch of commercial television stations, and the shocking arrival of Abstract Expressionism. Americans listened to Big Band music, radio comedies and dramas, and Edward R. Murrows broadcasts from London during the Blitz. American Letters saw the publication of John Crowe Ransoms *The New Criticism*, the use of traditional forms in the work of poets such as Robert Lowell, the coming of American realism in fiction, and the staging of the stark plays of Eugene O'Neill. Using an interdisciplinary approach, this course will examine a number of American works (novels, poems, radio broadcasts, films, Broadway cast recordings) to help students come to an understand of the singular nature of the American experience in the 1940s. Prerequisite: WRI 1100. 3 credits. Offered as needed.

## **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.

## **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.

## **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 Devereaux Smith. Prerequisite: WRI 1100. 3 credits.

### **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.

### **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.

### **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.

### **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.

### **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 2010.

### **Advanced Electives**

### **AML 3130/SOC 3130 Crime, Justice, and the American Fiction**

This course is designed as an introduction to representations of crime and justice in contemporary American society. The course will focus on constructions of crime and justice in literature, comic books, and film. We will explore the social construction of crime and the cultural meanings that these images provide. We will debunk various crime myths and deconstruct stereotypes perpetuated by popular images of criminality. The course is interdisciplinary, providing students with multiple perspectives on crime and criminality and explores ways of critically analyzing and interpreting media images. Prerequisites: SOC 2010 and any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Offered as needed

### **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.

### **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.

### **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.

### **AML 3501-3599 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.

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## **American Studies [AMS] Courses**

*For specific course information, contact the American Studies department in room 6003 or 6009 or call (718) 489-5284 or (718) 489-5440.*

### **AMS 1001 Introduction to American Studies**

This course will introduce students to some of the primary questions and methods of American Studies. We will begin by asking a deceptively simple set of questions: What is American Studies? How do we practice American Studies? What are its

borders and boundaries? We will then move on to some of the central questions of the field: Is there such a thing as an American identity? How have Americans defined themselves? Who is an American? What are the promises and preoccupations of America and American Culture? In trying to answer these questions we will draw from a variety of texts and genres, from fiction and poetry to political speeches, diaries, music, visual art, sociological studies, historical narratives, critical theory, media and other forms of popular culture. Prerequisite: WRI 1100. 3 credits. Offered as needed.

## AMS 4998 American Studies Capstone

The capstone course in American Studies is a seminar in which students will be asked to produce a 20-25 page interdisciplinary research paper on a particular aspect of American culture. Seminar topics will change or rotate with each offering of the course. Some sample topics include: Leisure in America; American Region and Culture: Understanding Place in American Perspectives; America and Consumerism; Popular Culture in America; America in a Global Perspective: American Borders. Prerequisites: AMS 1001, HIS 3456, WRI 1100 and Chairperson's approval.

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## Biology [BIO] Courses

*For specific course information, contact the Biology and Health Promotion department in room 5220 or call (718) 489-5439.*

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### BIO 1000 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 1001 History of Science and Medicine in America

This course surveys the major challenges and advancements in biology and medicine in America and the impacts of these advancements on American society. This course is designed for non-science majors. Three lecture hours per week. Prerequisite: WRI 1100. 3 credits. Offered as needed.

### BIO 1101 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.

### BIO 1103 Biotechnology and Bioethics

This integrated lecture and laboratory course will focus on the controversies surrounding modern biotechnology. Topics include reproductive technology, genetic engineering and stem cell research. Students will explore the techniques of modern biology through hands on experimentation in the laboratory. This course is designed for non-science majors. Prerequisites: WRI 1100. 3 credits. Offered as needed.

### BIO 1107 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, health promotion and the physical education major. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

### BIO 1108 Anatomy and Physiology II

A continuation of BIO 1107 with an emphasis on cardiovascular, respiratory, digestive, urinary, endocrine, and reproductive systems. Three lectures and three lab hours per week. Prerequisite: BIO 1107. Lab fee. 4 credits. Spring semester; day.

### BIO 1120 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 1140 Anatomy and Physiology for Health Science I

This course is for Nursing, occupational therapy, Physical Therapy, and physician assistant majors. Health Promotion majors may take this course or BIO 1107. Lecture topics include animal cell structure and function, tissues, and a survey of human physiological systems. Course emphasizes cells, tissues, genetics, integument, and the musculo-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 1141 Anatomy and Physiology for Health Science II

Continuation of BIO 1140. Intended for Nursing, occupational therapy, Physical Therapy, and physician assistant majors. Health Promotion majors may take this course or BIO 1108. Topics include: cardiovascular physiology, respiratory system, lymphatic system, respiratory physiology, and the digestive, urinary, endocrine, and reproductive systems. Prerequisite: BIO 1140. Three lectures and three lab hours per week. Lab fee. 4 credits. Spring semester; day.

### BIO 1150 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 1201 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 1202 General Biology II**

Continuation of BIO 1201 with an emphasis on the organization of animals and integration of biological systems. Prerequisite: BIO 1201. Co-requisite: CHE 1202. Three lecture and three lab hours per week. Lab fee. 5 credits. Spring semester; day.

### **BIO 2202 Comparative Anatomy**

A comparative lecture and laboratory study of the macroscopic anatomy of typical representatives of the classes of vertebrates. Prerequisite: BIO 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

### **BIO 2203 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 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

### **BIO 2204 Ecology**

An introduction to ecological principles and their application to the environment, environmental problems, numerous field trips to representative systems. Prerequisite: BIO 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

### **BIO 2206 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 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

### **BIO 2210 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 1202. Three lectures and three lab hours per week. 4 credits. Spring semester; day.

### **BIO 2250 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 1202. Co-requisite CHE 2101. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

### **BIO 2280 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 1202. Three lectures and three lab hours per week. 4 credits. Offered as needed; day.

### **BIO 3300 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 1141. Lab fee. 4 credits. Offered as needed.

### **BIO 3301 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 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Spring semester.

### **BIO 3302 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 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

### **BIO 3303 Genetics**

An introduction to variation and heredity, the theory of the gene as developed in classical genetics, and biochemical and molecular genetics. Prerequisite: BIO 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Spring semester; day.

### **BIO 3310 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 2250 and CHE 2102. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

## **BIO 3320 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 1202 and CHE 2102. Three lectures and three lab hours per week. Lab fee. 4 credits. Spring semester; day.

## **BIO 3350 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 1202 and CHE 2102. Three lectures and three lab hours per week. 4 credits. Offered as needed; day.

## **BIO 4000-4199 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 2250 and CHE 2102. 3 credits. Offered as needed; day.

## **BIO 4403 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 3350. Three lecture hours per week. 3 credits. Offered as needed; day.

## **BIO 4405 Immunology**

This course is a study of the cell biology, biochemistry, molecular biology, and histology of the human and mouse immune systems. Prerequisite: BIO 2250. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

## **BIO 4409 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 2250. Three lectures and three lab hours per week. 4 credits. Offered as needed; day.

## **BIO 4420 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 2250 and CHE 2102. Two lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed; day.

## **BIO 4450 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 3350. Three lectures per week. 3 credits. Offered as needed; day.

## **BIO 4480 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 2250, CHE 2102, and IT 1204. Three lectures and three lab hours per week. 4 credits. Offered as needed; day.

## **BIO 4995 Independent Study**

Independent study under the direction of a faculty member. Prerequisites: Senior standing and Chairperson's approval. Majors only. 1-3 credits. Every semester; day.

## **BIO 4998 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.

## **BIO 5310/SOC 5402 Ethical Legal and Social Implications of the Human Genome Project**

The Human Genome was sequenced completely in 2002. This is a database that includes all of our genetic code. Not only did this research revolutionize science, it also inevitably impacted numerous spheres of our social life and continues to do so. In this course, we will learn about the human genome and the possibilities this knowledge generates for social consideration and social change. We will answer the following questions. Why do we want to study our genes? Who should have access to my genome? Who owns the genome? Should we be changing our genes? The areas of concern are: fairness in the use of genetic information; privacy and confidentiality; social consequences and stigmatization; reproductive issues; clinical issues uncertainties; ethical and legal concerns; conceptual and philosophical implications; health and environmental issues and the commercialization of gene products. Open to Honors students. 3 credits. Offered as needed.

## **BIO 5401/BIO 4000/BIO 1102 Contemporary Biology and Special Topics in Biology: Marine Biology**

This course satisfies non-major, honors non-majors and major requirements. It involves classroom as well as a week field experience that includes snorkeling in the Caribbean, additional charges will apply. The ecology of marine ecosystems (estuarine, temperature and tropical coral reef) will be explored. Honors and Bio majors have extra assignments. Prerequisite: Open to Honors students

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## Business Law [BL] Courses

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

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### **BL 2000 Law in US Culture: From the Constitution to Law and Order**

The course introduces students to law within the context of U.S. culture. Students start with an introduction to the U.S. legal system and then consider selected contemporary issues in the law, from birth, education, marriage and owning property, to end-of-life issues surrounding death. Students learn how law is portrayed in U.S. culture by examining the treatment of law on television, in films and in literature. The course is directed to students in the American Studies Certificate Program and is open to all students. Prerequisite: WRI 1100. 3 credits. Offered as needed.

### **BL 2101 Business Law I**

An introduction to the law and U.S. legal system; dispute resolution; business crimes; torts; contracts; sales under Article 2 of the Uniform Commercial Code; consumer protection law of warranties and product liability. Prerequisite: BUS 1001, Sophomore standing. 3 credits. Every semester, day; Fall semester, evening.

### **BL 2102 Business Law II**

Agency; business forms; sole proprietorships, franchising, partnerships, limited liability companies, corporations; securities regulation; liability of accountants; property: personal, real, intellectual; bankruptcy. Prerequisite: BL 2101. 3 credits. Every semester, day; Spring semester, evening.

### **BL 2201 Women and the Law**

[Updated Course Number] This course examines specific legal issues as they relate to women in the areas of employment; segregation by gender in education and athletics; health,

marriage and reproductive rights; violence against women; treatment of women in the criminal justice systems; and sex equality under international law. 3 credits. Offered as needed.

### **BL 2301 The Law of Death and Dying**

This course examines legal instruments designed to facilitate the care of person and property during life, such as powers of attorney, health care proxies and living wills; legal and ethical questions raised by end-of-life issues, including national and state laws of resuscitation, assisted suicide, stem-cell research, organ donation and medical marijuana; and estate planning instruments such as wills and trusts. 3 credits. Offered as needed.

### **BL 2401/SPM 2080 Sports and the Law**

An introduction to law as it relates to sports management; U.S. legal process and court system; constitutional and anti-discrimination law; the law of torts, contracts, agency, labor, business organizations: franchising, sole proprietorships, partnerships, LLCs, and corporations; antitrust, intellectual property and licensing. Prerequisite: SPM 1001. 3 credits.

### **BL 3101 International Business Law**

This course examines the origins of world legal systems and sources of international law; legal risks on international business; resolution of international legal disputes; world trade law; law of international sales contracts; legal structures of global business; NAFTA and the European Union; international intellectual property, environmental and consumer protection issues. Prerequisite: BL 2101. 3 credits. Offered as needed.

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## British Literature [BRL] Courses

*English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], World Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the Programs of Study section of this book. For specific course information, contact the English department in room 7003 or call (718) 489-5217.*

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### **Gateway Courses**

#### **BRL 2110 Songs: Epic to Novel**

A literary survey and history of British literature and culture from the early beginnings (circa 1100) to the end of the Eighteenth Century. While the emphasis might fall (as the course suggests) on the shift from epic (Beowulf) to novel (Fielding, Richardson, Sterne), the course will give students a grounding in literature in all its genres. Prerequisite: WRI 1100. 3 credits.

#### **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.

#### **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.

#### **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. 3 credits.

## **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 2110, 2120 or 2130. 3 credits.

## **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. 3 credits.

### **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.

## **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.

## **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.

## **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.

## **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.

## **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.

## **BRL 2541 Eighteenth Century Literature**

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.

## **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.

## **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.

## **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.

### **Advanced Electives**

## **BRL 3140 Romantic Literature**

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.

## **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.

### **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.

### **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.

### **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..

### **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.

### **BRL 3501-3599 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.

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## **Business [BUS] Courses**

*Business courses appear as Business [BUS], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], and Risk Management [RSM]. For further information, please refer to the Management and Information Technology department in the Programs of Study section of this book. For specific course information, contact the Management and Information Technology Department in room 5004 or call (718) 489-5419 or (718) 489-5347.*

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### **Undergraduate Courses**

#### **BUS 1001 Organization and Management**

Introduces students to major areas of business and enables them to understand the focus of business concentrations. Examines how businesses use marketing, finance, accounting, human resources, management and technology skills. Includes an examination of diverse issues such as the role of small companies versus large corporations, going public and understanding the implications of legal, political, economic, international, environmental and ethical issues. Includes guest lectures, role-play exercises and videos. 3 credits. Offered every semester.

#### **BUS 1204 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 2001 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 the impact of political decisions such as the creation of economic consolidations like EU and ASEAN, the importance of understanding cultural diversity and the unique financial, logistical and human resource issues faced by global business. Prerequisite: BUS 1001. 3 credits. Offered as needed.

#### **BUS 2205 Management of a Small Business**

Emphasis is placed on the individual responsibilities involved in operating a family business or in starting up 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. Prerequisite: BUS 1001. 3 credits. Offered as needed.

#### **BUS 2250 Business Communication**

Intended to increase the student’s ability to write effective business communications through memos and letters for both internal and external (customers/clients) audiences. Special consideration is given to employment-seeking letters and the resumes that must accompany them. Prerequisites: BUS 1001; WRI 1100. 3 credits. Offered as needed.

## **BUS 2260/WRI 1510 Business Writing: Jumpstart Your Career**

[New Course] This course will provide instruction and practice in business writing and professionalism. The students will learn to write various types of business communication and gain an understanding of the professional expectations associated with creating and receiving them. Prerequisite: WRI 1100. 3 credits. Offered as needed.

## **BUS 3342/PHI 3342 Business Ethics**

Designed to illustrate that responsible behavior can be compatible with a healthy bottom line even in today's highly competitive business world. Basic philosophical and business doctrines are studied and applied to real-life situations. Issues examined include the merits of affirmative action, privacy rights of employees, environmentalism, whether cost savings justify outsourcing production to countries with little protection for workers and whether whistle blowers are protecting the public or betraying fellow employees. This course can be taken either as a business elective or as one of the three philosophy courses required of all students. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed.

## **BUS 4000 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. The research project can substitute for the comprehensive examination. Prerequisite: junior or senior standing and instructor approval. 3 credits. Offered as needed.

## **BUS 4990 Internship**

Supervised work experience in various fields of business. Requires the submission of a written report. Number of credits awarded is dependent on number of hours worked during the semester, with a maximum of 3 credits in a semester. Students are limited to a total of 6 internship credits. Students find internships through their own initiative, the Career Development Office, and occasionally the Management Department. Prerequisites: prior application and approval of the Chairperson. 1-3 credits. Every semester.

## **BUS 4995 Independent Study**

Individual research and study with the approval of the Management Department. If qualified, an independent study can be used to substitute for an elective in Finance, Human Resources, Marketing or Operations Research Methods. Prerequisite: prior application and approval of the department Chairperson and faculty mentor. 1-3 credits. Every semester.

## **BUS 4998 Business Policies**

The focus of this capstone course is to provide a practical experience that integrates material the student has learned through the major's core courses. This is accomplished through a sophisticated computer-based business simulation. Students are required to work on teams and fulfill the decision making rolls of a company's senior executives in a competitive, high technology industry. Prerequisite: senior standing, ECO 3331/FIN 3301, HR 2201, MKT 2201, and either ORM 3301 or MAT 2301. 3 credits. Every semester; day and evening.

## **BUS 5401-01 Contemporary Business Issues: Sustainable Development**

[New Course]? Contemporary Business Issues is the cover title for Honors courses with a business focus or theme. The theme that will be addressed will be multidisciplinary in nature and of topical interest. Suggested themes include, but are not limited to: Sustainable Development; Business and Culture; Business and the Environment; Reconciling Nationalism and Globalization. Sustainable Development discusses how the disciplines of economics, political science, management, biology, geography, culture and history are comingled in the subject of how all humans can improve their standard of living without exceeding the earth's ability to sustain that standard of living; hence, sustainable development. Prerequisite: Open to Honors students. 3 credits. Offered as needed.

### **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. 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.

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## **Childhood Education [CED] Courses**

*Education courses appear as Adolescent Education [AED], Childhood Education [CED], Early Childhood Education [EC], Education [ED], Fitness [FIT], and Physical Education [PE]. For further information, please refer to the Education department in the Programs of Study section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

## **CED 2200 Effective Teaching Methods/Strategies**

This course is the first comprehensive methods class in the Education Program. By focusing on activities and strategies that relate to a real childhood classroom; this course will address managing and organizing fundamental foundation integral in establishing a positive learning environment. Students will be engaged in a learner-centered environment using a nationally recognized program to actively participate in researched based models of productive learning. The primary objective of this course to extensively prepare our future

teachers to be reflective and able to make the informed decisions needed improve and enhance the learning environment for children. This course includes 15 hours of field experience. Prerequisite: A grade of B or higher in ED 1201 and ED 2020. 3 credits. Every semester; day and evening.

## **CED 3000 Science Methods-K-5**

This is an integrated lecture/laboratory course. This course provides an introduction to the creation of science curriculum and instruction that attends to current state and national standards. The course is based in constructivist perspectives and has as a goal the teaching of science well with all children.

This course includes 15 hours of field experience. Prerequisites: ED 1201, ED 2202, 6 credits in the appropriate MAT courses and 6 credits in the appropriate SCI courses. 3 credits. Fall semester.

### **CED 3200 Mathematics Teaching Methods-K-12**

The course is designed to teach pre-service teachers from grades K-12 the teaching strategies to effectively teach Mathematics in the 21<sup>st</sup> Century. The course will have the following three instructional components: (1) Understanding math theory and numbers; (2) a survey of curricula models including the use of a math lab; (3) the integration of technology into the teaching of mathematics- i.e., smartboard, Web 2.0, and appropriate software applications. Prerequisites: ED 1201; ED 2040, ED 2100, CED 2200, MAT 1103 and MAT 1104 or their equivalent and a GPA of 2.75 or higher. 3 credits. Spring semester.

### **CED 3300 Elementary Writing Instruction**

This course is designed to prepare Education majors for the necessary competencies required in the practice of effective writing instruction in the elementary classroom. In particular, it focuses on a multi-genre approach. To writing offering candidates a range of options for expressing ideas and communicating knowledge so that they may, in turn, develop an eclectic approach to writing instruction that fosters creativity and increases student engagement. All students enrolled in the course are required to complete fifteen hours of fieldwork in a K-12 classroom setting. Enrollment in the course is limited to students who have been officially admitted to Initial Teacher Certification Program. This course includes 15 hours of field experience. Prerequisites: CED 2200 and ED 2100. 3 credits. Offered as needed.

### **CED 3600 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 2200 and ED 2100, passing score on LAST, overall index of 2.75, and education index of 3.0. 3 credits. Offered as needed.

### **CED 3700 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 2200 and ED 2100. 3 credits. Offered as needed.

### **CED 4300 Beginning Reading Instruction**

This is the first part of a two course sequence in the teaching of reading. The topics covered are ; phonemic awareness, phonics instruction, fluency, assessment of learning in beginning reading, Rtl instructional program, accommodations for special needs students and picture books in literacy instruction. The purpose is to familiarize both childhood and adolescent students with the importance of effective beginning reading instruction. The course is also a required course for all adolescent majors. This course includes 15 hours of field experience. Prerequisites: CED 2200, ED 2100, and IT 1001. 3 credits. Fall semester; day.

### **CED 4320 Instructional Practical Applications in Reading Instruction**

This is the second part of the reading/literacy sequence of courses. The focus of the course is developing strategic readers, teaching reading comprehension, differentiation of instruction and to develop and teach lessons using demonstration lessons as the way to connect theory to practice. This course includes 15 hours of field experience. Prerequisite: CED 4300. 3 credits. Spring semester, day.

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## **Chemistry [CHE] Courses**

*For specific course information, contact the Chemistry and Physics department in room 7202 or call (718) 489-5295.*

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### **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 0500 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 1107 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 Chairperson's 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 2203, 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. Prerequisites: CHE 2050 and CHE 4001. Two lecture hours per week. 3 credits. Offered as needed; 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: Chairperson's 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.

## **CHE 4998 Senior Project**

Individual investigation in some special field of chemistry, may involve literature or laboratory research. Required of majors in the senior year. 2 semester. Prerequisite: Chairperson's approval. 3 credits. Every year.

## **CHE 5001 Honors Seminar: Understanding Our Environment**

At the heart of the Franciscan tradition is a quest to live a more moral and authentic life where our role is to serve as custodians of the earth. As custodians it is vital that we acknowledge the current state of our environment and to act in ways that improve that status. To this end it is necessary to be able to evaluate information pertaining to the environment and to place that information in its proper perspective. This course will lead us in an investigation of the history of



environmentalism, the speciation and toxicology of chemicals, health and quality of life issues, regulatory controls, the economy, and politics. We will then examine in greater depth a number of current and historical environmental cases. By the end of this course you should be able to critically evaluate

issues of environmental concern and to determine the best way that we as individuals, and as a group, can be agents of positive change and, thereby proceed as custodians of the earth. Prerequisite: Open to Honors students. 3 credits. Every year.

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## Criminal Justice [CJ] Courses

*For specific course information, contact the Sociology and Criminal Justice department in rooms 6012, 6014, or 6016 or call (718) 489-5476*

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### **CJ 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 1200/FIT 1440 Conditioning and Training**

Fitness, exercise, health and conditioning for everyone. This course will also help to prepare students for federal job standard fitness tests. 3 credits. Offered

### **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. Required course for the Criminal Justice major. 3 credits. Fall 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. Required course for the Criminal Justice major. 3 credits. Spring semester.

### **CJ 2050 Corrections**

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. Required course for the Criminal Justice major. 3 credits. Spring 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. Required course for the Criminal Justice major. 3 credits. Fall 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. Required course for Criminal Justice majors. 3 credits. Every 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. 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. 3 credits. Spring semester.

### **CJ 3013 Media, Crime and Criminal Justice**

[New Course] This course examines the intersection between criminality, crime and mass media in late modernity. It explores how the media both reflect and shape popular notions of crime and justice. Often exaggerated media representations of individuals involved in the criminal justice system including law enforcement, victims and offenders will be analyzed as will fictional and non-fictional representations of crime in various media formats. Prerequisites: CJ 1020. 3 credits. Offered as needed.

### **CJ 3014 Victimology**

[New Course] This course offers a comprehensive survey of the field of victimology, particularly the empirical study of victimization and crime victims. The history of victimology, the role of victimologists and responses to victimization, will all be explored. Prerequisite: CJ 1020. 3 credits. Offered as needed.

### **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. 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. 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. 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. This course is a Criminal Justice elective. 3 credits. Offered as needed.

### **CJ 3070/PSY 2130 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 2131 Addictions II**

Review of therapeutic techniques for all forms of addictive behavior. Outside sources are used to supplement class materials. Prerequisite: CJ 3070/PSY 2130. 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. 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. 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 4991 Internship**

This course is available only to those student who are participating in the New York Police Department Police Cadet Program. This internship must be approved by the department Chairperson. Prerequisite: Completion of CJ 4990 or simultaneous enrollment in CJ 4990 and current participation in the New York Police Department Cadet Program. 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. 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. Every 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. Prerequisite: Open to Honors students.. 3 credits. Offered as needed; day.

### **CJ 5400 Cultural Criminology**

[New Course] This course provides an examination of the intersection between culture, crime and social control. Crime will be explored in the context of contemporary society defined by mediated images (e.g. news, films, comic books, television, video games etc.) and the increasing commodification of violence (e.g. tabloid justice, crime based reality shows). With a focus on aesthetics styles and symbols of culture will be explored to assess the criminalization of subcultures (e.g. graffiti writers, critical mass, youth cultures etc.). Prerequisite: Open to Honors students. 3 credits. Offered as needed

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## **Communication Arts [COM] Courses**

*For specific course information, contact the Communication Arts department in room 7316 or call (718) 489-5438.*

### **COM 1000 Fundamentals of Speech**

An introductory course teaching basic diction, and the practice of extemporaneous speaking. COM 1000 is organized according to purpose, such as speaking to persuade, inform, or entertain. Emphasis is placed on ethics and critical thinking.

Students receive an analysis and correction of individual speech problems. 3 credits. Every semester; day and evening.

### **COM 2000 Mass Communication**

An introductory keystone course, COM 2000 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. Prerequisite: COM 1000 and 30 credits. 3 credits. Every semester; day; evening as needed.

### **COM 2010 Voice and Diction**

An introductory course studying speech production, COM 2010 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. Prerequisite: COM 1000. 3 credits. Offered as needed.

### **COM 2020 The Oral Tradition**

An intermediate course aimed at public presentation and speech performance, COM 2020 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 1000. 3 credits. Every semester; day, evening as needed.

### **COM 2040 Interpersonal Communication**

An intermediate course, COM 2040 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 1000. 3 credits. Every semester; day; evening as needed.

### **COM 2050 The Group Process**

An intermediate course, COM 2050 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 1000. 3 credits. Fall semester; day, evening as needed.

### **COM 2100 Acting I: Voice and Movement**

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 1000. 3 credits. Every semester; day, evening as needed.

### **COM 2110 Acting II: Scene Study**

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 2100. 3 credits. Spring semester; day, evening as needed.

### **COM 2600 Organizational Communication**

This course seeks to provide an elemental understanding of the principles and practice of communication in organizational settings. Organizational communication will be studied through both classical and contemporary theoretical traditions as well as analytical methodologies examining, among other topics, workplace culture, and construct of communication systems in an organization, the dynamics of information routing in an organization and ethical organizational imperatives for internal and external organizational communication. Many case studies will be reviewed. Prerequisite: COM 2000. 3 credits. Offered as needed.

### **COM 3000 Topics in Mass Communication**

An advanced intermediate course, COM 3000 continues the examination of issues begun in COM 2000, 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 2000. 3 credits. Offered as needed.

### **COM 3100 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. Prerequisite: COM 2000. 3 credits. Fall semester; day; evening as needed.

### **COM 3110 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. Prerequisite: COM 2000. 3 credits. Spring semester; day; evening as needed.

### **COM 3120 History of Television**

An intermediate 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 2000. 3 credits. Spring semester; day; evening as needed.

### **COM 3130 Modern Radio**

An intermediate course that introduces the art and business of radio broadcasting for broadcast and advertising students, COM 3130 offers a contemporary approach to today's media with exploration of radio's audiences, sponsors, and societal impact. Prerequisite: COM 2000. 3 credits. Spring semester; day; evening as needed.

### **COM 3140 Media and Performance Studies**

In this media based performance studies course students will explore patterns and process of live performance in two modalities; preliterate and literate cultures, and national and transnational settings. Students will view and respond to

verbal, non-verbal and text-based forms “as filmed” and will gather and identify the relics of performance in sacred, communal, experimental and commercial venues. Collateral reading, music and sound recordings, anthropological “digs” and new media will help students develop an appreciative understanding of historic movements and alternative spaces in past, recent and emerging traditions. The semester will culminate in a capstone symposium of student panels, papers, videos and spatial projects that will be open by invitation to the St. Francis College Community. Prerequisites: COM 1000 and COM 2020. 3 credits. Offered as needed.

### **COM 3150 Popular Music**

This course will introduce students to the numerous debates within the study of popular music in Western Europe and North America. We will examine the cultural surfacing of the concepts of “high” and “low” culture, the ideologies behind such distinctions, the identities mean for our understanding and appreciation of mass or popular culture. Among the topics discussed will include the consequences of mass production and other technological innovations on music styles and consumer habits, the music styles that formed, or were formed by, youth subcultures, issues of gender, race and class representation in popular music and the effects of other media as well as globalization on popular music. Prerequisite: AMS 1001 and COM 2000. 3 credits. Offered as needed

### **COM 3200 News Writing**

An intermediate course, COM 3200 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 2000 or COM 3400. 3 credits. Fall semester; day.

### **COM 3210 Broadcast News Writing**

An introduction to the fundamentals of reporting and writing news and human interest stories for broadcast media. Students learn the essentials of fact gathering, interviewing, and meeting deadlines while also being instructed in broadcast formats, technology, and presentation. Prerequisites: WRI 1100 and COM 2000 and COM 3200. 3 Credits. Offered as needed.

### **COM 3220 Sports Writing**

An intermediate course, COM 3220 introduces students to all aspects of a career in sports writing. Writing covers the basic rewrites, event stories, human interest stories and 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, COM 2000 and COM 3200. 3 credits. Offered as needed.

### **COM 3300 Television Studio Production**

An intermediate course, COM 3300 introduces students to the importance of 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 2000. Lab fee. 3 credits. Every semester; day.

### **COM 3400 Persuasion**

An intermediate keystone course, COM 3400 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 1000. 3 credits. Every semester; day; evening as needed.

### **COM 3410 Advertising**

An advanced intermediate course, COM 3410 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 2000 or COM 3400. 3 credits. Every semester; day; evening as needed.

### **COM 3600 Communications and the Law**

An intermediate 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 2000. 3 credits. Offered as needed.

### **COM 4100 Film Criticism**

An advanced course, COM 4100 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 2000, COM 3100 or COM 3110. 3 credits. Fall semester; day.

### **COM 4200 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; evening as needed.

### **COM 4300 Basic Digital Media Production**

An intermediate production course, COM 4300 is an introduction to digital moviemaking. Students produce several individual projects, mastering skills of scriptwriting, storyboarding, cinematography, digital editing image and sound. Prerequisites: COM 2000 and COM 3100 or COM



3110. Lab Fee. 3 Credits. Every semester, day; evening as needed.

### **COM 4310 Advanced TV Studio Production**

This course is designed to give students experience in production of advanced television programs. It provides students the chance to work in production teams to achieve their goals. In class, the student will be required to produce and direct a full television show from the pre-production stage (development) through the production stage (the actual taping of the show) and post-production stage (packaging of the show). This class will also give students the opportunity to develop sample reels essential for their portfolios. Prerequisite: COM 3300. 3 credits. Fall and Spring semester, day. evening as needed.

### **COM 4320 Advanced Digital Media Production**

An advanced course, COM 4320 teaches digital moviemaking emphasizing the application of more complex production and post-production techniques in both dramatic and documentary projects. Prerequisite: COM 2000 and COM 3100 or COM 3110 and COM 4300. Lab fee. 3 credits. Spring semester; day.

### **COM 4330 Directing**

An advanced course, COM 4330 studies directing in film, radio, television, and theater. Students will collaborate on directing class projects such as scenes, commercials, fiction and/or television programs. Prerequisite: COM 4300. 3 credits. Offered as needed.

### **COM 4340 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 4300. Lab fee. 3 credits. Offered as needed.

### **COM 4350 Theater Production Workshop**

An advanced course. Open to all students, COM 4350 is a theater production course designed for students in the performance studies 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 completed production is open to the public in the last session. Prerequisite: COM 2100. 3 credits. Offered as needed; day, evening.

### **COM 4410 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 2000, COM 3400, and COM 3410. 3 credits. Fall and/or Spring semesters; day.

### **COM 4420 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 3200, COM 3400, and COM 3410. 3 credits. Fall and/or Spring semesters; day; evening as needed.

### **COM 4600 Global Communications**

An advanced course, COM 4600 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 2000 and COM 3100 or COM 3110. 3 credits. Offered every Spring.

### **COM 4610 Political Communication**

This course is an introduction to the theory, trends and criticism of political communication. Emphasis will be placed on the role of mass media technology in the political process, both in history and engaging contemporary transformations. Topics will include, among others, structural analysis of political and media institutions and the dynamics of their relationship, rhetorical and cultural analysis of news reporting, message construction and advertising in political campaigns and the forming of public opinion. Prerequisites: COM 2000 and COM 3400. 3 credits. Offered Fall semester, day.

### **COM 4990 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 may attend a series of seminars during the field experience period. Prerequisite: Chairperson's approval. Open only to Communications majors. 3 credits. Offered Fall and Spring semester; day.

### **COM 4995 Independent Study**

An advanced course, COM 4995 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 every semester.

### **COM 4997 Senior Comprehensive-Tutorial**

COM 4997 is the tutorial version of COM 4998. “A capstone course. Required of all communication majors” before graduation and taken during the senior year, COM 4997 aims to evaluate the professional competence of the student. The student’s individual thesis, report, performance, or project is supervised by a chosen mentor with occasional outside evaluation. Prerequisite: Senior standing. 3 Credits. Offered every semester.

### **COM 4998 Senior Comprehensive-Seminar**

“A capstone course. Required of all communication majors” before graduation and taken during the senior year, COM 4998 aims to evaluate the professional competence of the student. This course meets on a seminar basis several times during the semester and culminates in a student’s individual thesis, report, performance, or project supervised by a chosen mentor with occasional outside evaluation. Prerequisite: Senior standing. 3 Credits. Offered every semester.

### **COM 5010 Movie Vision: Fiction and Film in American Cinema**

An advanced course, COM 5010 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. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

### **COM 5600 Global Communications**

An advanced course, COM 5600 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. 3 credits. Prerequisite: Open to Honors Students. Offered as needed.

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## **Drama [DRA] Courses**

*English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], World Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the Programs of Study section of this book. For specific course information, contact the English department in room 7003 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. The class attends a live performance. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits.

### **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.

### **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.

### **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.

### **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.



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## Early Childhood Education [EC] Courses

*Education courses appear as Adolescent Education [AED], Childhood Education [CED], Early Childhood Education [EC], Education [ED], Fitness [FIT], and Physical Education [PE]. For further information, please refer to the Education department in the Programs of Study section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

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### EC 4500 Foundations of Early Childhood Education

The Early Childhood course is designed for students who would like to receive certification in Early Childhood-i.e., birth to five. It covers developmental stages of these for this age range and provides a detail overview of instructional

strategies to meet the individual needs of children in an early childhood setting. Prerequisite: the completion of the following courses with an average of B or higher: ED 1201, ED 2020, ED 2100 and CED 2200. Field Experience: 15 hours. 3 credits.

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## Economics [ECO] Courses

*For specific course information, contact the Economics, History, Political Science and Social Studies department in room 5320 or call (718) 489-5266.*

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### 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 0500 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. Fall semester 2010; evening.

#### ECO 2306 Money and Banking

Money and credit, commercial banking, central banking, monetary theory and practice, financial regulation. Prerequisite: ECO 1201. Pre- or co-requisite: ECO 2202. 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. Offered as needed.

#### 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. Spring semester 2011; evening.

#### ECO 3305/ICS 3305 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 3306 Tracking the US Economy and Monetary Policy

A study of the current US economy and the monetary policy formulated and carried out by the Federal Reserve System. The course examines the leading economic indicators used by the Fed in assessing the state of the US economy. Prerequisites: ECO 2306 or permission of the instructor. 3 credits. Offered every Fall, 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. Spring semester 2011; 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. Offered as needed.

#### 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; day.

### **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 and ECO 2202. Offered as needed.

### **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 2301 or ORM 3301. 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. Offered as needed.

### **ECO 3331/FIN 3301 Principles of Finance**

An introduction to the process by which corporations obtain financing for developing their respective businesses. Analytical techniques such as the use of financial ratios, the time value of money, and net present value are examined. Also covered are the workings of the debt and equity markets. Prerequisites: ACC 1001 or ACC 1101, ECO 2201 or ECO 2202 and MAT 1105. 3 credits. Fall semester; day and evening. Spring Semester, day and evening. *"This course will not count as a liberal arts elective."*

### **ECO 3332/FIN 3302 Managerial Finance**

Focuses on the efficient management of the financial resources of the firm. Introduction to applications of financial ratios, time value of money and statistical analysis of risk. Presentations also include topics of financial planning, working capital management and capital budgeting. Prerequisite: ECO 3331/FIN 3301 and MAT 1109. 3 credits. Offered as needed. *"This course will not count as a liberal arts elective."*

### **ECO 3333/FIN 3312 Investment Analysis**

Quantitative and qualitative methods of analyzing various types of securities such as bonds, stocks and derivatives. Applications of time value of money and statistical analysis of risk are used for valuation and portfolio selection purposes. Prerequisite: ECO 3331/FIN 3301 and MAT 1109. 3 credits. Offered as needed. *"This course will not count as a liberal arts elective."*

### **ECO 3334/FIN 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 3301 and MAT 1109. 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 2011; 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 2009; evening. Fall semester 2010; day.

### **ECO 4406 Development of Economic Thought**

A survey of economic thought 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; neo-liberalism. Prerequisites: ECO 2202, ECO 2306, and junior standing. 3 credits. Spring semester 2010; day. Fall semester 2010; 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; evening.

### **ECO 4433/FIN 4412 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. Prerequisite: ECO 3331/FIN 3301 and MAT 1109. 3 credits. Fall semester; evening. *"This course will not count as a liberal arts elective."*

### **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.

### **Honors Courses: ECO 5400-5499, Topics in Economics**

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 Honor students. 3 credits. Offered as needed.

### **SOC 5401/ECO 5401 Contemporary Islam: It's Socio-Economic Context**

Islam has the second largest religious following and is the fastest growing religion in the world. The dawn of the 21<sup>st</sup> century finds an increasing polarization between modernization

and Islam. This course will have a basis in historiography, with politics as a backdrop, within the context of social/cultural and economic understanding seeks to describe the phenomenon of contemporary Islam. Open to Honor students. 3 credits. Offered as needed.

### **ECO 5402 New York, New York: From the Depression Through the Current Downturn**

The economic history of New York City from the Great Depression to the Current Downturn. Students are required to read the New York Times daily on city matters. Open to Honors students. 3 credits. Offered as needed.

#### **Graduate Course**

### **ECO 6411 Concepts in Economic 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. Spring semester; evening

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## **Education [ED] Courses**

*Education courses appear as Adolescent Education [AED], Childhood Education [CED], Early Childhood Education [EC], Education [ED], Fitness [FIT], and Physical Education [PE]. For further information, please refer to the Education department in the Programs of Study section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

### **ED 1201 Foundations of Education: History and Philosophy**

This course provides students with a knowledge base of the historical, cultural, social, economic, and political contexts in which North American schools have developed. Among the number of important threads to be examined throughout the course, emphasis will be placed on the social movements that have made improvements in equitable educational access, opportunity, achievement, and teaching towards democratic ends.. Students are encouraged to develop analytic frameworks and critical perspectives on education so that they may gain balanced understandings of current educational policies and practices in order to be able to make informed decisions about them as both educators and citizens. All students enrolled in the course are required to complete fifteen hours of fieldwork in a K-12 classroom setting. The course is open to all majors. 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 2020/PSY 2230 Educational Psychology**

This course surveys research related to theories of development, student diversity, cognitive information processing, motivation, and classroom management in order to provide Education students the intellectual grounding and an introduction to strategies that they will need for effective

instruction in the 21<sup>st</sup> century classroom. All students enrolled in the course are required to complete fifteen hours of fieldwork in a K-12 classroom setting. The course is open to all majors. Prerequisite: Cumulative index 2.75 or higher. Field Experience: 15 hours. 3 credits. Fall semester; day and evening.

### **ED 2040/PSY 2233 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 2100/PSY 2231 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 1201 and ED 2020. Field Experience: 15 hours. 3 credits. Every semester; day and evening.

### **ED 4440 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 4000 or higher. 3 credits. Summer session.

### **ED 4990 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. Chairperson's approval required. 6 credits. Every semester; day.

### **ED 4991 Field Experience**

This class will be taken in the fall semester of your senior year. It consists of completing 100 hours of field experience and attending a weekly seminar. Prerequisites: cumulative index 2.75 or higher and Chairperson's approval. 1-3 credits. Day

### **ED 4992 Supervised Field Experience**

Taken together with either PE 4990 or ED 4990 this course offers additional supervision of field experience activities for students seeking New York State teaching certification. This course is given on a Pass/Fail basis only. Co-equisite: ED-4990 or PE-4990. Pre-requisite: Chairperson's approval. 1-3 credits. Day.

### **ED 4995 Independent Study in Education**

Independent work in an area of special interest. Special project, report, or term paper. Prerequisite: Chairperson's approval. 1-3 credits. Every semester; day and evening.

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## **English [ENG] Courses**

*English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], World Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the Programs of Study section of this book. For specific course information, contact the English department in room 7003 or call (718) 489-5217.*

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### **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 English courses 4000 or higher, and Chairperson's approval. 3 credits. Offered as needed.

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## **Fine Arts [FA] Courses**

*For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 5312 or call (718) 489-5387.*

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### **FA 1401 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 1402 Orientation in Art**

A survey of major movements in art and artists from ancient times to the present. Outstanding examples of painting, sculpture, and architecture are included. Lectures and class discussion are supplemented by visual presentations and museum assignments. 3 credits. Every semester day and evening.

## **FA 1403 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 1408 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. Prerequisites: FA 1402 or FA 1420. 3 credits. Fall semester 2011, day; Fall semester 2013, day.

## **FA 1420 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. 3 credits. Every semester; day.

## **FA 2404, 2405 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 1402 or FA 1420. Lab fee. 3 credits. . Offered as needed.

## **FA 2406 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 1402. 3 credits. Offered as needed.

## **FA 2407 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 1402. 3 credits. Offered as needed.

## **FA 3210 Women in the Arts and Sciences**

The liberal arts and sciences curriculum familiarizes the student with fundamental human concerns. In many disciplines, however, women's contributions (both traditional and non-traditional) have been historically overlooked and

underrepresented. The class 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: WRI 1100; and one other following courses: FA 1401, FA 1402 and any Lit 2000 course. 3 credits. Offered as needed.

## **FA 3409 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 1402 or FA 1420. 3 credits. Fall semester 2012; day.

## **FA 3413 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 1402. 3 credits. Offered as needed day.

## **FA 3416 Early and Medieval Christian Art**

[Renumbered from **FA 416**] 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 1402. 3 credits. Offered as needed.

## **FA 4995 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 4996 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.

## **FA 5412 Selected Readings in 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: Open to Honors Students. 3 credits. Offered as needed day.

## FA 5414 Art in New York City

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 lecturers 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: Open to Honors Students. 3 credits. Offered as needed; day.

## FA 5415 Opera in NY City

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. Prerequisite: Open to Honors Students. 3 credits. Offered as needed; day.

## FA 5417/LIT 5406 The Blues, Jazz, and the Harlem Renaissance

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. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

## FA 5440 Studies in Architecture: The Building Is the Book

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: Open to Honors Students. 3 credits. Offered as needed.

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## Finance [FIN] Courses

*Business courses appear as Business [BUS], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], and Risk Management [RSM]. For further information, please refer to the Management and Information Technology department in the Programs of Study section of this book. For specific course information, contact the Management and Information Technology Department in room 5004 or call (718) 489-5419 or (718) 489-5347.*

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### Undergraduate Courses

#### FIN 3301/ECO 3331 Principles of Finance

An introduction to the process by which corporations obtain financing for developing their respective businesses. Analytical techniques such as the use of financial ratios, the time value of money, and net present value are examined. Also covered are the workings of the debt and equity markets. Prerequisites: ACC 1001 or ACC 1101, ECO 2201 or ECO 2202 and MAT 1105. 3 credits. Fall semester; day and evening. Spring Semester, day and evening.

#### FIN 3302/ECO 3322 Managerial Finance

Focuses on the efficient management of the financial resources of the firm. Introduction to applications of financial ratios, time value of money and statistical analysis of risk. Presentations also include topics of financial planning, working capital management and capital budgeting. Prerequisite: ECO 3331/FIN 3301 and MAT 1109. 3 credits. Offered as needed.

#### FIN 3312/ECO 3333 Investment Analysis

Quantitative and qualitative methods of analyzing various types of securities such as bonds, stocks and derivatives. Applications of time value of money and statistical analysis of risk are used for valuation and portfolio selection purposes. Prerequisite: ECO 3331/FIN 3301 and MAT 1109. 3 credits. Offered as needed.

#### FIN 3316 Personal Finance

Analysis of the many aspects of personal finance in modern society. Topics include personal budgeting, investments, mortgages, insurance, and taxes. The use of financial ratios, time value of money, and other techniques of financial analysis. Prerequisites: FIN 3301/ECO 3331. 3 credits. Fall semester; evening. Spring semester; day.

#### FIN 3317 Real Estate Finance

An introduction to the process by which finance is obtained for the purchase of real estate. This includes presentations on the workings of financial markets for financial instruments related to real estate. There is also substantial discussion of analytical techniques such as the use of financial ratios and time value of money. Prerequisites: FIN 3301 or FIN 3316. 3 credits. Offered as needed.

#### FIN 3334/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 3301 and MAT 1109. 3 credits. Fall semester; day.

#### FIN 3340 Insurance and Risk Management

An overview of risk management and insurance techniques used by businesses, including property, liability, underwriting, reinsurance, retention of risk, and claims management. Stresses the importance of insurance and risk management within all business and industries in our society. Prerequisite: BUS 1001. 3 credits. Offered as needed.

#### FIN 3351 Advanced Finance

An overview of risk management and insurance techniques used by businesses, including property, liability, underwriting, reinsurance, retention of risk, and claims management. Stresses the importance of insurance and risk management within all business and industries in our society. Prerequisite: ECO 3331/FIN 3301 and MAT 1109. 3 credits. Offered as needed.

## **FIN 3416 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 3301 and MAT 1109. 3 credits. Offered as needed.

## **FIN 3420 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 3301. 3 credits. Offered as needed.

## **FIN 3422 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 3301. 3 credits. Offered as needed.

## **FIN 4412/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 3301 and MAT 1109. 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: ECO 3331/FIN 3301 and MAT 1109. 3 credits. Offered as needed

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## **Fitness [FIT] Courses**

*Education courses appear as Adolescent Education [AED], Childhood Education [CED], Early Childhood Education [EC], 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 Programs of Study section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

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## **FIT 1102 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 1121 Beginning Swimming**

Basic instruction in swimming for non-swimmers. 2 credits. Offered as needed; day.

## **FIT 1122 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 1123 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 1131 Traditional Japanese Karate**

Instruction in karate skills. 2 credits. Offered as needed.

## **FIT 1141 Fencing**

Students are introduced to basic fencing movement concepts and strategies. Conditioning exercises are included. 2 credits, 2 hours. Every semester.

## **FIT 1142 Weight Training**

Weight Training for all levels and abilities. Weight loss, strength gain, and improvement in overall fitness will be discussed and practiced. 2 credits offered as needed.

## **FIT 1143 Golf**

Golf for all levels and abilities. Practice and instruction on technique, rules, and physical conditioning for golf. 2 credits offered as needed.

## **FIT 1145 Dance and Rhythmic Skills**

Basic dance, rhythm, and choreography instruction. Students will gain experience teaching, learning and assessing themselves and their peers. 3 credits. Day

## FIT 1440/CJ 1200 Conditioning and Training

Fitness, exercise, health and conditioning for everyone. This course will also help to prepare students for federal job standard fitness tests. 3 credits. Offered as needed.

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## French [FRE] Courses

*For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 5312 or call (718) 489-5387.*

### FRE 1101 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 1102 Beginning Year French II

Continuation of FRE 1101. Prerequisite: FRE 1101. 3 credits. Every spring; day.

### FRE 2103 Second Year French I

The control of elementary audio-lingual skills and their further development; emphasis on developing reading skills. Prerequisite: FRE 1102 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 2104 Second Year French II

Continuation of FRE 2103. Prerequisite: FRE 2103. 3 credits. Every spring; day.

### FRE 3201 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 2104 or four years high school French or placement by the department Chairperson. 3 credits. Offered as needed.

### FRE 3202 Masterpieces of French Literature II

Continuation of FRE 3201. Prerequisite: FRE 3201. 3 credits. Offered as needed.

### FRE 3405 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 1402. 3 credits. Offered as needed.

### FRE 4100 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 4303 Advanced French Conversation

Designed to develop the technique and vocabulary of discussion as a supplement to expression in the areas of experience. Prerequisites: FRE 3202. 3 credits. Offered as needed.

### FRE 4304 Nineteenth-Century French Literature

A study of the principal authors and literary movements of this period, exclusive of the poets. Prerequisites: FRE 3202. 3 credits. Offered as needed.

### FRE 4403 Twentieth-Century French Literature

A study of the development of French literature from 1900 to the present. Prerequisites: FRE 3202. 3 credits. Offered as needed.

### FRE 4408 Eighteenth-Century French Literature

A study of 18th-century literature as a reflection of the historical, social, and cultural development of France. Prerequisite: FRE 3202. 3 credits. Offered as needed.

### FRE 4995 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.

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## History [HIS] Courses

*For specific course information, contact the Economics, History, Political Science and Social Studies department in room 5320 or call (718) 489-5266.*

### 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.

### 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.

## **HIS 1201 History of the United States: 1896 to Present**

A survey of the major economic, social, intellectual, and political movements in the United States, from 1896 to the present. 3 credits. Every semester; day and evening

## **HIS 2101-2199 Lecture Series**

This is a topical course in the subjects of 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. 3 credits. Offered as needed.

## **HIS 2201 New York on Location: Walking Tours in the City**

One of the best ways to experience New York City is on foot. In multiple wide-ranging walking tours led by their instructor students explore the rich history, architecture, and neighborhoods of New York City. Assigned background reading precedes each site visit. Possible sites include Central Park, Historic Lower Manhattan, Battery Park City, Governor's Island, Green-Wood Cemetery and various New York City cultural institutions and neighborhoods.. Prerequisites: HIS 1201. 3 credits. Offered as needed.

## **HIS 2303 The World in the 20th and 21<sup>st</sup> Centuries**

A study of the evolution of the nation-state system in the 20<sup>th</sup> – 21<sup>st</sup> century. Concepts such as imperialism, nationalism, fascism, communism, neocolonialism, power politics and containment are studied. 3 credits. Prerequisite: HIS 1201. Every semester.

## **HIS 2308 Terrorism in History: Causes, Consequences, Containment**

His 2308: Terrorism in History, From Antiquity to the Modern Era: How terrorism and terrorist actors have affected the course of history from Roman times to the present. Why terrorism continues to be chosen as a mechanism for change around the world, and how governments have designed counter-terrorist strategies to limit its effects. Prerequisite: His 1201. 3 credits. Offered as needed.

## **HIS 2335/PSC 2335 Political Themes in American Film**

An examination of the political ideologies in American films dealing with war, government corruption, related conspiracy theories, political figures, electoral campaigns, the incorporation of minorities and immigrants into American society, the media, economics, and foreign policy. Course will focus on the historical narrative presented by the filmmakers and ask whether the films convey history or mythology. Prerequisite: HIS 1201. 3 credits. Offered as needed.

## **HIS 3196/SOC 3196 Interpreting the 1960's**

An intensive study of the politics, culture, and social movements of the 1960s. In addition to learning about the historical events of the decade, students will be also exposed to the transformative cultural, artistic, and social movements of

the period. Prerequisite: SOC 1000; HIS 1201. 3 credits. Offered as needed.

## **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. Fall 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. Spring semester.

## **HIS 3307 Race and Ethnicity in American Life**

Examines America's racial and cultural diversity through the historical experiences of major American minority populations: Native Americans, Latinos, African-Americans, Asians, and others. Prerequisite: HIS 1201. 3 credits. Spring semester.

## **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 semester.

## **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: 1763–1914**

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 3456 American Cultural History**

Identifies foundational themes as: place, individualism/community, ethnic identities, race, gender, and popular culture and media. All of these recurring themes will be explored here as we examine the larger intellectual, cultural, and popular forces, conflicts, and mythologies that have shaped American identity and destiny from colonial times to the present: questions of race and ethnicity, national character and exceptionalism, republicanism, egalitarianism, Manifest Destiny, the myth of Rags to Riches, and the American dream. More immediate issues that have commanded national attention in recent decades -- questions surrounding immigration and multiculturalism, and movements for racial and sexual equality -- are also addressed. Because history is interdisciplinary by its very nature, this course will also closely adhere to the methodology employed in by the American Studies program: Students will draw from a variety of primary texts and genres, including fiction and poetry, public policy and political speeches, autobiography and diaries, art and architecture, music and media, and other sources as they explore such wide-ranging topics as citizenship, race and ethnicity, the built environment, migration and labor, and social and cultural movements. Prerequisites: HIS 1201 and WRI 1100. 3 credits. Offered as needed.

### **HIS 3466 History of Britain**

Beginning with the Roman conquest of Great Britain, this course traces the political, economic, and cultural evolution of Britain to the present day. It examines the significant changes brought about by the Anglo-Saxon and Norman conquests, the Wars of the Roses, the English Renaissance and Reformation, and the revolutions of the seventeenth century. The Industrial Revolution, society and culture during the Victorian Era, and the development and decline of the British Empire are also significant units. Prerequisite: HIS 1201. 3 credits. Offered as needed.

### **HIS 3480 New York City in the American Urban Experience**

Utilizing New York City as prism through which to study the evolving urban metropolis, this course explores selected themes in American urban development from colonial times to the present. Prerequisite: HIS 1201. 3 credits. Offered as needed.

### **HIS 3490 Famous Trials: Landmark Legal Cases in American History**

Selected legal controversies from the Colonial era to the present are examined against their broader relationship to American culture. Prerequisite: HIS 1201. 3 credits. Offered as needed.

### **HIS 3998 Historical Methods and Historiography**

The course provides a critical introduction to the methods of historical research and writing and to the history of historical writing over time (historiography). Required of all history majors as a prerequisite to their "Senior History Project," which will become a 3-credit independent study. Prerequisites: HIS 1201 and 12 credits in 2000-3000 level history courses. 3 credits. Offered every Spring.

### **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. Chairperson's approval. 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: HIS 1201; HIS 3202 or 3301; HIS 3998. Senior standing, Department chairperson's approval. 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 7001 Comparative Slavery and Slave Systems**

A comparison of Ancient, African, Muslim, and European-based slavery and slave systems. The Atlantic and trans-sahara slave trade. The rise of the Plantation complex and its

migration to the Americas. The origins of race-based slavery. Conditions of life-social, cultural, and legal status of slaves in North American, South American, and Caribbean slave societies. The economics of slavery – the global reach of slave-based economics. Pre-requisite Graduate student status or permission of the instructor. 3 credits. Offered as needed.

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## **Honors [HON] Courses**

*For specific course information and for information on honors courses with different subject prefixes, contact Dr. Ian Maloney, Honors Program Director in Room 5012, call (718) 489-5457 or e-mail [honorsprogram@sfc.edu](mailto:honorsprogram@sfc.edu)*

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### **BIO 5310/ SOC 5402 Ethical Legal and Social implications of the Human Genome Project**

The Human Genome was sequenced completely in 2002. This is a database that includes all of our genetic code. Not only did this research revolutionize science, it also inevitably impacted numerous spheres of our social life and continues to do so. In this course, we will learn about the human genome and the possibilities this knowledge generates for social consideration and social change. We will answer the following questions. Why do we want to study our genes? Who should have access to my genome? Who owns the genome? Should we be changing our genes? The areas of concern are: fairness in the use of genetic information; privacy and confidentiality; social consequences and stigmatization; reproductive issues; clinical issues; uncertainties; ethical and legal concerns; conceptual and philosophical implications; health and environmental issues and the commercialization of gene products. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **BIO 5401 Special Topic: Marine Biology in Belize**

Discussion and analysis of problems in biology that are not covered in regular course work. The specific content of the course will remain flexible in response to student and departmental interest. Course requires travel. Contact Chairperson Biology Department for more details. Prerequisite: Open to Honors Students. 3 credits offered in Intersession as needed.

### **BIO 5402 Marine Biology in Honduras/ US Virgin Islands**

Marine Biology in Honduras/ US Virgin Islands. Course requires travel. Contact Chairperson Biology Department for more details. Prerequisite: Open to Honors Students. 3 credits offered in Intersession as needed.

### **BIO 5403 Topic: Honoring the Parks**

This course will focus on the ecology, sustainability, and history of national and local parks in the NYC area. These parks include the Fire Island National Seashore, Jamaica Bay Wildlife Refuge, Ellis Island, the Tenement Museum, and the new Brooklyn Bridge Park. There is an additional fee that will cover camping in Fire Island, ferries, LIRR, and admissions to such locales as the Tenement Museum. Prerequisite: Open to Honors Students. 3 credits offered in Intersession as needed.

### **BL 5301 The Law of Death and Dying**

This course examines legal instruments designed to facilitate the care of person and property during life, such as powers of attorney, health care proxies and living wills; legal and ethical questions raised by end-of-life issues, including national and

state laws on resuscitation, assisted suicide, stem-cell research, organ donation, medical marijuana; and estate planning instruments such as wills and trusts. Cultural practices and rites of passage are explored in order to better understand the phenomena of death and how society deals with it. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **BUS 5402 Business Leaders in US History**

This course examines the use of biographies as a way to explore and understand US Economic History. Beginning by evaluating the value of using Biographies as a means of exploring economic history, biographies of well known entrepreneurs and successful business figures such as Vanderbilt, Rockefeller, Morgan and Gates will be studied. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **CHE 5001 Understanding our Environment: Mother Earth and our role in her Downfall**

At the heart of the Franciscan tradition is a quest to live a more moral and authentic life where our role is to serve as custodians of the earth. As custodians it is vital that we acknowledge the current state of our environment and to act in ways that improve that status. To this end it is necessary to be able to evaluate information pertaining to the environment and to place that information in its proper perspective. This course will lead us in an investigation of the history of environmentalism, the speciation and toxicology of chemicals, health and quality of life issues, regulatory controls, the economy, and politics. We will also examine in greater depth a number of current and historical environmental cases. By the end of this course the student should be able to critically evaluate issues of environmental concern and to determine the best way that we as individuals, and as a group, can be agents of positive change and, thereby proceed as custodians of the earth. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **CJ 5400 Cultural Criminology**

This course provides an examination of the intersection between culture, crime and social control. Crime will be explored in the context of contemporary society defined by mediated images (e.g. news, films, comic books, television, video games etc.) and the increasing commodification of violence (e.g. tabloid justice, crime based reality shows). With a focus on aesthetics styles and symbols of culture will be explored to assess the criminalization of subcultures (e.g. graffiti writers, critical mass, youth cultures etc.). Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **COM 5010 American Cinema**

This Seminar 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-scène*. 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. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **COM 5600 Global Communications**

This Seminar is designed to embrace 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: Open to Honors Students. 3 credits offered as needed.

## **ECO 5401/ SOC 5401 Contemporary Islam: It's Socio-Economic Context**

Islam has the second largest religious following and is the fastest growing religion in the world. The dawn of the 21st century finds an increasing polarization between modernization and Islam. This course will have a basis in historiography, with politics as a backdrop, within the context of social/cultural and economic understanding, it seeks to describe the phenomenon of contemporary Islam. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **ECO 5402 New York, New York: The Great Depression to the Current Downturn**

The history of New York City from the Great Depression to the Current Downturn is examined to comprehend its economic fortunes. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **FA 5412 SELECTED READINGS**

An interdisciplinary seminar in which a variety of text (novels, plays, essays, and criticism), are read. Emphasis is on eliciting 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 could participate. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **FA 5414 Art in New York City**

This seminar surveys contemporary art and the New York area scene. It will help students to discover new artists, to be knowledgeable about different media, and to put recent work in historical context. Guest lecturers 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: Open to Honors Students. 3 credits offered as needed.

## **FA 5417/ LIT 5406 Blues, Jazz, Harlem Renaissance**

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 Locke, WEB duBois, Langston Hughes, Zora Neal Hurston, Louis Armstrong, Bessie Smith, and Duke Ellington. Lectures are supplemented with film, slides, and recorded examples. Students will attend live jazz performances. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **FA 5440 Studies in Architecture**

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: Open to Honors Students. 3 credits offered as needed.

## **HIS 5420 New York City In American Urban Experience**

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. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **HIS 5710 Petrarch to Shakespeare**

Renaissance and Reformation (1300-1600). The course will examine culture, religion and other themes dominating the age. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **HIS 5789 Enlightenment to Materialism**

This course will acquaint students with the era of European domination of the world, beginning with the titanic struggle between Britain and France in the mid-eighteenth century and ending in 1900, as the new century dawns. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **HON 5101 Honors Freshman Seminar I**

Student conversation and ideas are engaged in interdisciplinary topics and issues 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 or exams are given; therefore grades are based on written discourse, research, and conversation. As in all Honors seminars, attendance on field trips is required. Prerequisite: 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 Viable Sustainable Businesses: Student Perceptions [Tutorial]**

It is difficult today to find a business that does not claim that it either is or soon will be engaging in 'green' or 'sustainable' practices. However as there is not yet a universally accepted definition of what it means to be 'green' or 'sustainable', the veracity of these claims can go unchallenged. As a result, there can be a large gap between how a business is perceived to be and what it actually is, a gap that could carry over into how the business is perceived by consumers and/or investors. This not only applies to large, established businesses, but also to small, new ones as well. If embracing the idea of being 'green' or 'sustainable' is important for a business' success, it therefore also becomes important for it to be perceived that way. Today's college students, all of whom potentially will be working for, consuming from and investing in those businesses, arguably are more environmentally aware than any other group. It is possible, therefore, that their perceptions of what is a viable 'green' or 'sustainable' business will be a determinant in the long term success of that business. The students will thus research different kinds of supposedly 'green' or 'sustainable' businesses and choose one that they believe has long term potential for the greater New York (or Brooklyn) market. They will explain why the business is truly 'green' and 'sustainable', what about it appeals to them, what is its long term potential, and what they believe would be the major obstacles, including competition, the businesses would have to face. Instructor's consent required. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **HON 5401-5499 General Honors Topics**

The study of a theme, movement, image, iconography, theory, or concern 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. Attendance on field trips is required. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

## **HON 5995 Independent Study**

A reading and research based activity in which an Honors student pursues a topic of her or his own interest together with a faculty mentor. 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. The prospectus must offer an interdisciplinary approach to the subject to be studied. Prerequisite: Two Honors seminars beyond HON 5102. Independent study must be requested during the registration period prior to the semester in which the course is to be taken. Prerequisite: Open to Honors Students. 1-3 credits. Offered as needed.

## **HON 5997 Honors Thesis**

The Honors thesis is the capstone project for the Honors Program diploma, it is mandatory for all Honors students who must enroll for it in the Fall semester of their Senior year and complete the thesis requirements as per designated schedule over two semesters. Arrange to meet with the Honors Program Director. Prerequisite: Approval of the Honors Program Director. 3 credits. Fall semester through Spring semester.

## **HON 5998 Honors Thesis II**

A continuation of HON 5997 the capstone project for the Honors Program diploma, it is mandatory for all Honors students who must enroll for the second part in the Spring semester of their Senior year and complete the thesis requirements as per designated schedule and approval of the Honors Council. Prerequisites: HON 5997 and approval of the Honors Program Director. 3 credits. Spring semester

## **HS 5420 Healing in Cultural Context**

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. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **ICS 5306 German Culture and Fine Arts**

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. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **ICS 5320 World Globalization: Challenges and Opportunities**

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 will work on a project and report, drawing from the different majors and disciplines represented by the students in the seminar. An interdisciplinary approach will be followed throughout the semester. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **ICS 5330 United Nations: A Political and Cultural Perspective**

An introduction to an in-depth analysis of the United Nations, its structure and its day to-day functioning. Cultural dimensions of the U.N.'s work will be examined, as well as political dimensions. This interdisciplinary seminar will give 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. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **ICS 5340 Terrorism and Law**

An interdisciplinary approach will be taken to the development of a global perspective on issues and challenges facing Third-World nations. Course methodologies will include assigned readings, lectures, conferences, field trips, student presentations, and a term paper. Prerequisite: Open to Honors Students. 3 credits offered as needed.

## **ICS 5341/ SPA 5401 Latino Culture and Literature**

This course explores cultural and literary expressions of Latinos in the United States. It analyzes the artistic, cultural, social and economic impact of the immigrant experience and the incorporation of Latinos into United States society. Various genres will be studied from a social and cultural context: autobiographical essays, poetry, novels, stories, documentaries, film, music and art. Topics include: identity in relation to

ethnicity, nationality and race and their impact on cultural expression; struggle for self-determination; class and gender struggle; and being bilingual/bicultural or living within a margin. Representative authors and artists to be studied: Julia Alvarez, Cherie Moraga, Cristina García, Achy Obeja, Rosario Ferré, Gloria Anzaldúa among others. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **LIT 5401 Literature: 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 Chretien de Troyes and the Duke of Champagne's Court. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **LIT 5402 American Nobel Laureates**

In this seminar, we will read, listen to, and view works of prose, poetry, and drama from American Nobel Laureates. Each student will explore the reasons why the Nobel Committee selected a particular author for this prestigious award. Students will also be expected to develop some familiarity with American culture and aesthetics through oral reports. Through course discussion, presentations, and writing, we will collectively attempt to articulate why certain American authors have been singled out for international literary and aesthetic fame and we will place these authors within a globalized aesthetic framework. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **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 will investigate texts and non-texts as they reveal and hide themselves, the author, and the audience. We will search fiction, poetry, film, and fine arts. Conversations, discussion, written and oral response to the various (non-)texts will be essential for the course. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **LIT 5405 Perspectives of Gender/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 Honors Students. 3 credits offered as needed.

### **LIT 5406/ FA 5417 Blues, Jazz, Harlem Renaissance**

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 Locke, WEB duBois, Langston Hughes, Zora Neal Hurston, Louis Armstrong, Bessie Smith, and Duke Ellington. Lectures are supplemented with film, slides, and recorded examples. Students will attend live jazz performances. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **LIT 5407 Utopian and Dystopian Literature**

This seminar examines representative works of utopian and dystopian literature and considers how the conception of perfect societies, and of radically imperfect ones, illuminates our values and priorities as citizens of a society and as individuals. Such works also invite reflection on the achievements and failings of our own society. Among the readings are such works as More's *Utopia*, *The Handmaid's Tale*, *Ecotopia*, and excerpts from *Genesis*, *Dante's Inferno*, and *Plato's Republic*. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **LIT 5408 The Metaphor of Movement in Women's Poetry**

Being able to move and being constrained from moving have always been important metaphors to women in America. Thus it comes as no surprise that motion is a recurring theme in women's poetry in the 20th and 21st centuries. This course will examine how some contemporary American women poets present physical movement (e.g. walking, driving a car, riding a bicycle, dancing) in their poetry and what that motion -- or the lack of it -- says about the lives of women as experienced within their poems. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **LIT 5409 Epic & Hero: Poetry, Film and Fiction**

This seminar investigates elements of the epic and the epic hero from ancient and classical models of world epics as it also considers graphic novels and superheroes. We will consider the film and the graphic novel along with the epic poems to see how the ancient poems inform our modern perception of heroic action and character. Looking at contemporary values and comparing them with classical values of nation and hero should help us to gain insights into our culture and other national cultures. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **MAT 5400/ PHI 5402 The Infinite**

The infinite is a rich and dynamic notion situated at the crossroads of several fields of study and reflection. This team-taught interdisciplinary seminar approaches the infinite from two distinct perspectives: that of philosophy, and that of mathematics. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **PHI 5401 Plato and Neo-Platonism**

Neo-Platonism, a philosophical movement beginning with Plotinus, offers itself as an elucidation of "what Plato really meant" and a continuation of his thought. Along with Plato's philosophy itself, it has been profoundly influential on Western philosophy, mysticism, and literature. The two major sections of this seminar will be (a) a study of Plato, with particular attention given to the aspects of his thought emphasized by Neo-Platonic thinkers; and (b) a study of Plotinus's philosophy in its triple dimension - as a reading of Plato, as a metaphysical system, and as a religious path. Since Neo-Platonism did not immediately grow out of Plato, the seminar will examine more briefly, between these two sections, the key concepts of intervening philosophical systems that Neo-Platonism either built itself against or incorporated (or both). The last section will be devoted to the later pagan Neo-Platonists, and to the synthesis of Christian doctrine and Neo-Platonic themes in two towering figures at the juncture of ancient and early-Medieval



thought. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **PHI 5402/ MAT 5400 The Infinite**

The infinite is a rich and dynamic notion situated at the crossroads of several fields of study and reflection. This team-taught interdisciplinary seminar approaches the infinite from two distinct perspectives: that of philosophy, and that of mathematics. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **PHI 5433 Neo-Platonism**

An examination of the philosophical movement, beginning with Plotinus, and of its influence on Western philosophy, mysticism, and literature. The foundation of the course will be 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 will then be traced through medieval philosophy in the Christian, Jewish, and Islamic worlds; connections with Indian thought will also be considered. The continuing life of Neo-Platonic themes in modern philosophy and literature will finally be brought to light. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **PSY-5352/ REL 5352 Images of Human Nature I**

Students in this seminar are exposed to conceptions of human nature as these have existed in Eastern, and Western cultures. The seminar focuses upon both the universal aspects of human experience and on the unique historical and cultural conceptions of human identity. These conceptions may be expressed in art, myths, literature, sacred books, philosophical treatises, etc., and are in various ways reflected in day-to-day living. The team-taught seminar stresses broad interdisciplinary perspectives, and emphasizes original readings. Visits to plays, operas, movies, and museums form an integral part of the seminar. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **PSY 5353/ REL 5353 Images of Human Nature II**

A continuation of Images of Human Nature I. Students in this seminar are exposed to conceptions of human nature as they have existed in non-literate, cultures. The seminar focuses upon both the universal aspects of human experience and on unique historical and cultural conceptions of human identity. These conceptions may be expressed in art, myths, literature, sacred books, philosophical treatises, etc., and are in various ways 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 form an integral part of the seminar. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **PSY 5470 Children and Adolescents in a Cross-Cultural Context**

This seminar focuses on psychosocially and culturally oriented studies of children and adolescents conducted by social scientists in western and nonwestern countries. The goal of the seminar is to arrive at a global understanding of childhood including the cultural, economic, ecological, and political conditions determining developmental trajectories in a wide variety of cultural groups. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **REL 5309 Environmental Crisis & the World's Religions**

An exploration of 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 will consider Judaism, Christianity, Islam, the religions of India, China, and Japan, and Indigenous traditions. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **REL 5350/ SCI 5001 Religion and Science**

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. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **REL 5351 Christian Ethics**

Students in this seminar will 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 will focus on the method and central concerns of each theologian. Such questions 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 will shape the inquiry. The course will attempt to assess the contribution of each author studied to Christian ethics. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **REL 5352/ PSY-5352 Images of Human Nature I**

Students in this seminar are exposed to conceptions of human nature as these have existed in Eastern, and Western cultures. The seminar focuses upon both the universal aspects of human experience and on the unique historical and cultural conceptions of human identity. These conceptions may be expressed in art, myths, literature, sacred books, philosophical treatises, etc., and are in various ways reflected in day-to-day living. The team-taught seminar stresses broad interdisciplinary perspectives, and emphasizes original readings. Visits to plays, operas, movies, and museums form an integral part of the seminar. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **REL 5353/ PSY 5353 Images of Human Nature II**

A continuation of Images of Human Nature I. Students in this seminar are exposed to conceptions of human nature as they have existed in non-literate, cultures. The seminar focuses upon both the universal aspects of human experience and on unique historical and cultural conceptions of human identity. These conceptions may be expressed in art, myths, literature, sacred books, philosophical treatises, etc., and are in various ways 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

form an integral part of the seminar. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **REL 5354 Tolkien the Mythmaker**

A study of the works of J. R. R. Tolkien, drawing out their implications for modern culture, ethics, religion and the philosophy of the imaginative art that Tolkien called myth or fantasy. Tolkien was a scholar of the languages and literature of northern Europe. He was also the author of a large body of myth and legend which is the context for the story of *The Lord of the Rings*, as well as essays, poetry, and shorter narratives. All of these disclose varied facets of the complex and profound mind of a singular visionary, and give insight into his vast appeal. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **SCI 5001/ REL 5350 Religion and Science**

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. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **SOC 5010 Contemporary Migrations**

This course takes a multi-disciplinary approach to the study of contemporary migration. The major focus is on the United States, within 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: Open to Honors Students. 3 credits offered as needed.

### **SOC 5020 Race, Ethnicity, and Inequality in the United States**

The overall objective of this course is to explore how - and the extent to which - race and ethnicity link to social, cultural and economic realities on both the micro and macro level. Specifically, we will question the extent to which race and ethnicity continue to determine life chances in the United States. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **SOC 5401/ ECO 5401 Contemporary Islam: It's Socio-Economic Context**

Islam has the second largest religious following and is the fastest growing religion in the world. The dawn of the 21st century finds an increasing polarization between modernization and Islam. This course will have a basis in historiography, with politics as a backdrop, within the context of social/cultural and economic understanding, it seeks to describe the phenomenon of contemporary Islam. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **SOC 5402/ BIO 5310 Ethical Legal and Social implications of the Human Genome Project**

The Human Genome was sequenced completely in 2002. This is a database that includes all of our genetic code. Not only did this research revolutionize science, it also inevitably impacted numerous spheres of our social life and continues to do so. In this course, we will learn about the human genome and the possibilities this knowledge generates for social consideration and social change. We will answer the following questions. Why do we want to study our genes? Who should have access to my genome? Who owns the genome? Should we be changing our genes? The areas of concern are: fairness in the use of genetic information; privacy and confidentiality; social consequences and stigmatization; reproductive issues; clinical issues; uncertainties; ethical and legal concerns; conceptual and philosophical implications; health and environmental issues and the commercialization of gene products. Prerequisite: Open to Honors Students. 3 credits offered as needed.

### **SPA 5401/ ICS 5341 Latino Culture and Literature**

This course explores cultural and literary expressions of Latinos in the United States. It analyzes the artistic, cultural, social and economic impact of the immigrant experience and the incorporation of Latinos into United States society. Various genres will be studied from a social and cultural context: autobiographical essays, poetry, novels, stories, documentaries, film, music and art. Topics include: identity in relation to ethnicity, nationality and race and their impact on cultural expression; struggle for self-determination; class and gender struggle; and being bilingual/bicultural or living within a margin. Representative authors and artists to be studied: Julia Alvarez, Cherie Moraga, Cristina García, Achy Obeja, Rosario Ferré, Gloria Anzaldúa among others. Prerequisite: Open to Honors Students. 3 credits offered as needed.

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## **Human Resources [HR] Courses**

*Business courses appear as Business [BUS], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], and Risk Management [RSM]. For further information, please refer to the Management and Information Technology department in the Programs of Study section of this book. For specific course information, contact the Management and Information Technology Department in room 5004 or call (718) 489-5419 or (718) 489-5347.*

### **HR 2201 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 1001. 3 credits. Every semester; day and evening.

### **HR 3304 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 2201. 3 credits. Offered as needed.

### **HR 3310 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 2201. 3 credits. Offered as needed.

### **HR 3409 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 2201. 3 credits. Offered as needed.

### **HR 3410 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 2201. 3 credits. Offered as needed.

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## **Health Science [HS] Courses**

*For specific course information, contact the Biology and Health Promotion department in room 5220 or call (718) 489-5439.*

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### **HS 1001 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. The focus of the courses is on changing behavior to promote better health. 2 credits. Every semester; day and evening.

### **HS 1201 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 1206 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 1207 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 1305 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 1306 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 meditation, prayer and yoga. 3 credits. Offered as needed; day or evening.

### **HS 1403 Women's Health Issues**

Accurate information about their own health needs enables 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; evening.

### **HS 1419 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 as well as for people in their daily lives. 3 credits. Spring; evening.

## **HS 2150 Methods of Teaching Health**

Development and application of health education methods to trainers who will teach disease prevention and health promotion to diverse audiences. Focus on developing health literacy across the lifespan for each constituency. 3 credits. Fall semester; day.

## **HS 2151 Theory and Research in Health Promotion**

Review of empirical research including basic interpretation of elementary statistical tests and techniques. Literature review of behavior maintenance, adoption, change and management theories drawn from the public health and social sciences. Prerequisite: HS 2150. 3 credits. Spring semester; day.

## **HS 2406 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 3250 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 2151 and at least two health promotion electives. 3 credits. Fall; day.

## **HS 3251 Implementation and Evaluation of Health Promotion Programs**

Students are guided through program acceptance, marketing implementation, and evaluation of the project started in HS 3250. Prerequisite: HS 3250. 3 credits. Spring semester; day.

## **HS 4350 Introduction to Research and Bioethics in Health Promotion**

Provides a dual introduction to concepts and skills that will culminate in the completion of a senior thesis in the seminar. This course introduces a variety of ethical issues related to

health. Research skills from topic selection and narrowing through draft writing will be practiced. Prerequisite: HS 3251. 3 credits, Fall semester, day, beginning Fall 2009.

## **HS 4990-4991 Internship in Health Promotion I, II**

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 4995 Independent Study in Health Promotion**

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 4998 Seminar in Health Promotion**

[Renumbered from HS 701] Integrating theory and practical experiences in health promotion, this seminar allows in-depth exploration of issues of importance to the field. Ethical analysis of health issues is continued from HS 4350. Completion of a thesis paper and oral presentation encompass the major work in this course. Prerequisite: HS 4350, senior standing, and Chairperson's approval. 3 credits. Spring 2010, day.

## **HS 5420 Healing in Cultural Context (Honors)**

[New Course] 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.

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## **International Cultural Studies [ICS] Courses**

*For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 5312 or call (718) 489-5387*

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### **ICS 1240 Peoples and Culture of Life 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 1241 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 3305/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 3050/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 3311 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 1240 and ICS 1241. 3 credits. Fall semester 2011; day.

### **ICS 3312 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 1240 and ICS 1241. 3 credits. Fall semester 2012.

### **ICS 3314 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 1240 and ICS 1241. 3 credits. Fall semester 2012; day.

### **ICS 3315/SPA 3402 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 1240 and ICS 1241. 3 credits. Spring semester 2012; day.

### **ICS 3370/SOC 2040 Cultural Anthropology**

An inquiry into the concept of culture as applied to both simple and complex societies. A study of living people, their beliefs, practices, values, technologies and more, based on ethnographic, linguistic and social data and methods of analysis. Students will examine how a variety of people define their word, an imperative for an increasingly global world in search of cultural universals. Prerequisites: ICS 1240 or ICS 1241. 3 credits. Offered as needed.

### **ICS 3380/PSY 3380 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 1241 or PSY 1103 or higher. 3 credits. Fall semester 2011; day.

### **ICS 4313 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 1240 and ICS 1241. 3 credits. Offered as needed.

### **ICS 4450 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 1240 and ICS 1241. 3 credits. Every semester; day.

### **ICS 4990 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 1240 and ICS 1241 and Chairperson's approval. 1-3 credits. Every semester; day.

### **ICS 4998 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 1240 and ICS 1241. 3 credits. Every semester; day.

### **ICS 5306 German Culture and Fine Arts**

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. Prerequisite: Open to Honors students. 3 credits. Offered as needed; day.

### **ICS 5320 World Globalization: Challenges and Opportunities**

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. Prerequisite: Open to Honors students. 3 credits. Offered as needed; day.

### **ICS 5330 United Nations: A Political and Cultural Perspective**

An introduction to an 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. Prerequisite: Open to Honors students. 3 credits. Offered as needed; day.

### **ICS 5340 Terrorism and the Law**

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. Prerequisite: Open to Honors students. 3 credits. Offered as needed; day.

### **ICS 5341 Latino Culture and Literature**

This course explores cultural and literary expressions of Latinos in the United States. It analyzes the artistic, cultural, social and economic impact of the immigrant experience and the incorporation of Latinos into United States society. Various genres will be studied from a social and cultural context: autobiographical essays, poetry, novels, stories, documentaries, film, music and art. Topics include: identity in relation to ethnicity, nationality and race and their impact on cultural expression; struggle for self-determination; class and gender struggle; and being bilingual/bicultural or living within a "margin". Representative authors and artists to be studied: Julia Alvarez, Cherie Moraga, Cristina García, Achy Obeja, Rosario Ferré, Gloria Anzaldúa and James de la Vega. Prerequisite: Open to Honors Students. 3 credits. Offered as needed

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## **Information Technology [IT] Courses**

*For specific course information, contact the Management and Information Technology department in room 5004 or call (718) 489-5419 or (718) 489 534.*

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### **IT 1001 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, and databases. 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 1103 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 have 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 1001. Lab fee. 3 credits. Every semester; day and evening.

### **IT 1104 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 1001. Lab fee. 3 credits. Every semester; day and evening.

### **IT 1105 Game Programming using Visual Basic**

This course is an introduction to game program design and development. Students will use an object-oriented approach to the game program development process involving the following series of steps: find a game idea, identify the audience, identify the game features, determine the look and feel of the game including the interface, create specifications detailing the game rules, create the source code, test the source code, and perform quality assurance. This approach helps students to build multilingual programming and analysis capabilities. Students will use Microsoft Visual Basic to build and execute their game programs. Prerequisites: IT 1001. Lab fee. 3 credits. Spring semester.

### **IT 2105 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 1104. Lab fee. 3 credits. Every semester; day.

### **IT 2201 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 1103. Lab fee. 3 credits. Fall semester; day.

### **IT 2270 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 1001. Lab fee. 3 credits. Fall semester.

## IT 2410 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 1001. Lab fee. 3 credits. Every semester; day and evening.

## IT 2420 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 1001. Lab fee. 3 credits. Spring semester; day.

## IT 2430 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 1001. Lab fee. 3 credits. Offered as needed.

## IT 2440 Scripting Languages

[New Course] An introduction to scripting languages. This course provides students with an overview of the scripting languages used in today's web-based environments. Students will learn the history of scripting languages, explore scripting languages such as HTML, XML, JavaScript, VBScript, PERL, PHP, Python, and Ruby, learn the differences between each language, and how to select the appropriate language for a task. Prerequisite: IT 2410. Offered as needed.

## IT 2510 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 1103. Lab fee. 3 credits. Fall semester; day and evening.

## IT 2520 Advanced Querying and Report Writing

[New Course] An advanced database querying and report writing course examining advanced features of structured query language (SQL) used to retrieve data from databases. Students will learn how to present data in easy-to-read simple and complex reporting formats that satisfy business needs. Prerequisite: IT 2510. Offered as needed.

## IT 2550 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 1001. Lab fee. 3 credits. Spring semester; evening.

## IT 2620 Business Applications

The use of computers and technology in business and industry. Topics deal with advanced techniques in Excel such as: formulas what if analysis, macros, as well as the use of specialized business and financial software packages. Prerequisite: IT 1001. Lab fee. 3 credits. Spring semester.

## IT 2690 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 1103. Lab fee. 3 credits. Offered as needed.

## IT 3101 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 1103. 3 credits. Fall semester; day.

## IT 3220 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 1103. Lab fee. 3 credits. Fall semester.

### **IT 3240 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 1103. 3 credits. Offered as needed.

### **IT 3301 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 1001. Lab fee. 3 credits. Fall semester; day and evening.

### **IT 3310 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 2510. Lab fee. 3 credits. Spring semester; day.

### **IT 3320 Advanced Management Information Systems (MIS)**

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 1103. Lab fee. 3 credits. Spring semester; day.

### **IT 3397 Mentored Internship for Project Management**

[New Course] This course will provide students with an opportunity to see and participate in projects at an on-site internship and continue to learn the Project Management Body of Knowledge (PMBOK®) project concepts during weekly

mentoring sessions with faculty. Students will work on-site at an internship for no less than 10 hours/week. Faculty will work closely with students to develop an understanding of how project management theory is applied in a work-based environment. Student activities on-site will vary depending on the project. They will participate, at some level, with the project team and document the project from initiation through the completion of the internship. Prerequisite: IT 3301. Offered as needed.

### **IT 3410 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 2410 or MKT 3340. 3 credits. Offered every semester; day and evening.

### **IT 3420 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 2510. Lab fee. 3 credits. Spring semester; evening.

### **IT 3510 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 2105. Lab fee. 3 credits. Offered as needed.

### **IT 3520 Advanced Database Management**

[New Course] An introduction to advanced database management systems concepts and practices. This course examines object-oriented database concepts, design, implementation, and management. Students will learn to use data modeling tools such as UML and extended ER modeling. In addition, students will examine current database management environments such as centralized and distributed databases, data warehousing, data marts, data mining, database security, client/server and Internet database environments, mobile databases, and emerging technology. Prerequisite: IT 2510. Lab fee. 3 credits. Offered as needed.

### **IT 3540 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 2105. Lab fee. 3 credits. Fall semester; day.

### **IT 3610 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 2510. Lab fee. 3 credits. Offered as needed.

### **IT 3620 Business Applications**

The use of computers and business and financial software packages. The course includes familiarization with budgeting. Additional topics deal with advanced techniques in Excel and basics of Visual Basic.. Lab fee. 3 credits. Spring semester; evening.

### **IT 3680 Operating Systems**

[Renumbered from **IT 380**] 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 2105. 3 credits. Offered as needed.

### **IT 4000-4199 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 4990 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 4995 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 4998 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

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## **Italian [ITA] Courses**

*For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 5312 or call (718) 489-5387.*

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### **ITA 1101 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 1102 Beginning Year Italian II**

Continuation of ITA 1101. Prerequisite: ITA 1101. 3 credits. Every spring; day.

### **ITA 2103 Second Year Italian I**

The development of elementary audio-lingual skills and their further development; emphasis on developing reading skills. Prerequisite: ITA 1102 or three years of Italian in high school,

or passing a placement test (see Chairperson). 3 credits. Every fall; day.

### **ITA 2104 Second Year Italian II**

Continuation of ITA 2103. Prerequisite: ITA 2103. 3 credits. Every spring; day.

### **ITA 3201 Readings in Italian Literature and Culture**

Reading and discussion of major authors of Italian literature and on topics related to Italian culture. Prerequisite: ITA 2104 or 3 years high school Italian. 3 credits. Offered as needed.

### **ITA 3201 Readings in Italian Literature and Culture**

Reading and discussion of major authors of Italian literature and on topics related to Italian culture. Prerequisite: ITA 2104 or 3 years high school Italian. 3 credits. Offered as needed.

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## Latin [LAT] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 5312 or call (718) 489-5387

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### LAT 1101 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. Offered as needed.

### LAT 1102 Elementary Latin II

Continuation of LAT 1101. Prerequisite: LAT 1101. 3 credits. Offered as needed.

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## World Literature [LIT] Courses

English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], World Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the Programs of Study section of this book. For specific course information, contact the English department in room 7003 or call (718) 489-5217.

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### 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 2012.

#### 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.

#### 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 2011.

#### LIT 2140 Greek and Roman Epic

This course offers an introduction to the classical epic with a specific focus on the *Iliad* and *Odyssey* of Homer and Vergil's *Aeneid*, with a consideration of some other examples of the genre. Topics explored include oral and literary epic, their historical, social and political contexts and the influence of classical epic on later literature. Prerequisite: WRI 1100. 3 credits. Offered as needed

#### LIT 2141 Greek Drama

This course offers an introduction to ancient Greek drama with a specific focus on selected plays from the works of the tragedians Aeschylus, Sophocles and Euripides as well as a representative work of the comic playwright Aristophanes. Students will explore the historical and cultural context of

Greek drama and its role in ancient Greek society. Topics explored include the origins of dramatic art forms, ancient performance practices, religion and drama, Greek dramatic festivals and the significance of theater within Athenian democracy. Prerequisite: WRI 1100. 3 credits.

#### LIT 2310 Epic: Poetry, Film, and Fiction

This course studies elements of the epic from the Greek classical models of Homer's *Iliad* and *Odyssey* and the Roman models of Virgil's *Aeneid* and Ovid's *Metamorphoses*. We will consider the epic film and the epic novel along with the original poems to see how the ancient poems inform our modern perception of heroic action and character. Looking at contemporary values and comparing them with classical values of nation and hero should help us to gain insights into our culture and other national cultures. Films might include: *Gone with the Wind*; *Das Boot*; *Lord of the Rings*; *Unforgiven*; *Batman: The Dark Knight*; *Spiderman 1*. Fiction might include: *Blood Meridian*, *Madame Bovary*, *The Death of Superman*; *Notes from the Underground*. Prerequisites: WRI 1100. 3 credits. Offered as needed.

### 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 Woolf, Stevie Smith, Jean Rhys, and Djuna Barnes among others. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits.

#### 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 Woolf, and others. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits.

## 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.

## 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.

### 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.

## 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 Doyle (*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.

## 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.

## 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.

## LIT 3160 The Nineteenth Century New Woman

[New Course] The nineteenth 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 genre of literature, as well as 19<sup>th</sup> and 20<sup>th</sup> century social criticism such as Fuller's *Woman in the Nineteenth Century*, Wollstonecraft's *A 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. Offered as needed.

### Advanced Electives

## LIT 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 successors, postcolonialism form the critical axis of this course. Writers may include Kamau, Shani Mootoo, CLR James, Jean Rhys, Merle Hodge, Jamaica Kincaid, and George, Lamming. Prerequisite: Any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits.

## LIT 3501-3599 Major World 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 outside the British or 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. Offered as needed.

## LIT 3601-3699 World Literature Special Topics

The study of a theme, movement, image, iconography, theory, or similar focus as it emerges in world literature outside the British and American traditions. 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.

## LIT 5400-5499 Honors Topics in Literature

These courses explore 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. Prerequisite: Open to Honors students. 3 credits. Offered as needed.

### **LIT 5409 Epic and Hero: Poetry, Film, and Fiction**

This seminar investigates elements of the epic and the epic hero from ancient and classical models of world epics as it also considers graphic novels and superheroes. We will consider the

film and the graphic novel along with the epic poems to see how the ancient poems inform our modern perception of heroic action and character. Looking at contemporary values and comparing them with classical values of nation and hero should help us to gain insights into our culture and other national cultures. Prerequisite: Open to Honors students. 3 credits

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## **Mathematics [MAT] Courses**

*Students wishing to major in Biology or Mathematics must take a placement test to determine if MAT 1107 is required prior to MAT 2202. Liberal arts students and others wishing to take MAT 1103, MAT 1104, or MAT 2301 must take a placement test (elementary algebra) to determine the student's eligibility to take any of these courses, or whether MAT 0500 is first required. All students required to complete MAT 0500 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 1107 or MAT 1109, a placement test (intermediate algebra) will be administered to determine if MAT 0700 or MAT 1105 is first required. For specific course information, contact the Mathematics department in room 3204 or call (718) 489-5396.*

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### **MAT 0500 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 0700 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 0500. 3 lecture hours per week. No credits. Every semester; day and evening.

### **MAT 1103 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 ratio, and real numbers and their representation. Prerequisite: Placement by examination or MAT 0500. 3 credits. Every semester; day and evening.

### **MAT 1104 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 0500. 3 credits. Every semester; day.

### **MAT 1105 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 0700. 3 credits. Every semester; day and evening.

### **MAT 1107 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 1105. Graphing calculator is optional. 4 credits. Every semester; day.

### **MAT 1109 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 1105. 3 credits. Fall semester; day and evening. Spring semester; day.

### **MAT 1110 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 1109. 3 credits. Spring semester; day and evening. Fall semester; day.

### **MAT 2202 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 1107 or placement by examination. Students may purchase a graphing calculator. 4 credits. Every semester; day.

### **MAT 2203 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 2202. 4 credits. Every semester; day.





## **MAT 2301 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 1104 or higher. 3 credits. Every semester; day and evening.

## **MAT 2309 College Geometry**

Topics of higher Euclidean geometry and geometric constructions. Geometrical transformations and different kinds of geometries. Projective and hyperbolic geometries. Prerequisite: MAT 2202. 3 credits. Offered as needed; day.

## **MAT 3304 Calculus III**

Vectors and vector functions. Functions of several variables. Partial derivatives and differentiation. Chain rule, Maxima, minima, Lagrange's multipliers. Double and triple integrals, cylindrical and spherical coordinates and change of variable, applications. Prerequisite MAT 2203. 4 credits. Every semester.

## **MAT 3305 Calculus Workshop using Technology**

A treatment of the basic notions of calculus using computer mathematical software programs, for example "Mathematica". The course covers problems involving limits, derivatives, graphs, approximate solutions of equations and approximations of series and integrals. Lab fee. Prerequisite MAT 2202 and MAT 2203. 3 credits. Spring semester.

## **MAT 3310 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 3304. 3 credits. Offered as needed; day.

## **MAT 3311 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 2203. 3 credits. Offered as needed; day.

## **MAT 3312 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 2203. 4 credits. Fall semester; day.

## **MAT 3401 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 2203. 3 credits. Fall semester; day.

## **MAT 3406 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 2202. 3 credits. Offered as needed; day.

## **MAT 4402 Differential Equations II**

Series solution of differential equations. Legendre's and Bessel's equation. Fourier series, Fourier and Laplace transforms. Partial differential equations. Prerequisite: MAT 3401 3 credits Fall semester; day.

## **MAT 4403 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 3304. 4 credits. Fall semester; day.

## **MAT 4404 Advanced Calculus II**

Transformations and mappings, point set theory, uniform continuity, and fundamental theorems of continuous functions, the theory of Riemann integration, infinite series and uniform convergence, power series, improper integrals, and a study of the gamma functions. Prerequisite: MAT 4403. 4 credits. Spring semester; day.

## **MAT 4408 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 3304 or MAT 3401. 3 credits. Offered as needed; day.

## **MAT 4409 Modern Algebra**

Sets and mappings; theory of groups, rings, and fields; homomorphisms, isomorphisms, and the first isomorphism theorem for groups and rings; the field of real/ complex numbers. Polynomials. Prerequisite: MAT 3304. 3 credits. Every semester; day.

## **MAT 4410 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 3304. 3 credits. Offered as needed; day.

## **MAT 4411 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 4404. 3 credits. Offered as needed; day.

### **MAT 4413 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 3312. 3 credits. Offered as needed; day.

### **MAT 4414 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 4403. 3 credits. Offered as needed.

### **MAT 4415 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 3304. 3 credits. Fall semester; day.

### **MAT 4416 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 4415. 3 credits. Offered as needed; day.

### **MAT 4418 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 3304, MAT 3312 and MAT 4415. 3 credits. Offered as needed; day and evening.

### **MAT 4000-4199 Special 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 4409.

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 4404.

### **MAT 4995 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 Chairperson's approval. 1-3 credits. Every semester; day.

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## **Marketing [MKT] Courses**

*Business courses appear as Business [BUS], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], and Risk Management [RSM]. For further information, please refer to the Management and Information Technology department in the Programs of Study section of this book. For specific course information, contact the Management and Information Technology Department in room 5004 or call (718) 489-5419 or (718) 489-5347.*

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### **MKT 2104 Travel & 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.

### **MKT 2201 Marketing**

An introductory course in the role of marketing within firms, large and small, both domestic and global. The marketing function is analyzed from the development of products or services through distributive channels, promotion, and pricing. Topics covered include branding, product life cycles, advertising, sales promotion, personal selling and market research. Prerequisite: BUS 1001. 3 credits. Every semester; day and evening.

### **MKT 2203 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. Prerequisite: MKT 2201. 3 credits. Offered as needed.

### **MKT 3304 Marketing Management**

An in-depth study of marketing techniques using the case method. 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 2201. 3 credits. Offered as needed.

### **MKT 3307 Relationship Management**

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 2201. 3 credits. Offered as needed.

### **MKT 3309 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 2201. 3 credits. Offered as needed.

### **MKT 3315 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 2201. 3 credits. Offered as needed.

### **MKT 3316 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 2201. 3 credits. Offered as needed.

### **MKT 3330 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 2201. 3 credits. Offered as needed.

### **MKT 3340 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 2201. 3 credits. Offered as needed.

### **MKT 3370 Travel and Tourism 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 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. Prerequisite: MKT 2201. 3 credits. Offered as needed.

### **MKT 3440 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 2201. 3 credits. Offered as needed.

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## **Nursing [NUR] Courses**

*For specific course information, contact the Nursing department in room 4311 or call (718) 489-5497.*

### **NUR 3311 Geriatric Nursing**

This course provides the nurse with a conceptual foundation for gerontological nursing practice within health care settings and in the community. The course content is consistent with the John A. Hartford Foundation Institute for Geriatric Nursing standards for geriatric practice. 2 credits.

### **NUR 3321 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. 4 credits. .

### **NUR 3322 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.

### **NUR 3423 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. Open to non-nursing majors. 3 credits.

### **NUR 3501 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.

### **NUR 4323 Professional Nursing Bridge (Clinical)**

This is the clinical component of NUR 4324. 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 1001, NUR 3321, and NUR 3322. Co-requisite: NUR 4324. 4 credits.

### **NUR 4324 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 4323. 3 credits.

### **NUR 4421 Community/Public Health (Clinical)**

This is the clinical component of NUR 4422. 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 1000 and NUR 4324. Co-requisite: NUR 4422. 4 credits. .

### **NUR 4422 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 4421. 3 credits.

### **NUR 4502 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: Chairperson's approval. 1 credit.

### **NUR 4600 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 2301. 3 credits.

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## **Operations Research and Management [ORM] Courses**

*Business courses appear as Business [BUS], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], and Risk Management [RSM]. For further information, please refer to the Management and Information Technology department in the Programs of Study section of this book. For specific course information, contact the Management and Information Technology Department in room 5004 or call (718) 489-5419 or (718) 489-5347.*

### **Undergraduate Courses**

#### **ORM 3301 Empirical Methods for Business Research**

This course will develop the student's ability to organize, analyze, and interpret quantitative business and economic data. It introduces practical methods of gathering and using business data to solve business problems, such as exploratory data analysis, probability, concepts, and empirical probability distributions. It includes topics as graphical data presentation, applications of the binomial and normal distributions, confidence intervals, and basic forecasting using regression techniques. In order to foster the technological competence necessary in today's competitive business environment, analysis of data sets and problem solution using PC based spreadsheets, statistical analysis, and graphing software will be emphasized. Prerequisite: MAT 1105. 3 credits. Offered every semester.

#### **ORM 3308 Quantitative Methods in Business I**

This course will cover the theory and practice of applying advanced quantitative techniques to solve business problems. Topics will include the application of the methodology of decision science in a business setting, business applications of probability and statistics, forecasting techniques, cash flow investment analysis, and project management. In order to foster the technological competence necessary in today's competitive business environment, analysis of data sets and problem solution using PC based spreadsheets, decision analysis, forecasting, and graphing software will be emphasized.

Prerequisite: MAT 2301 or ORM 3301. 3 credits. Offered every semester.

#### **ORM 3309 Business Forecasting**

Students will become familiar with the business application of quantitative techniques. Topics such as time series analysis and decomposition, regression analysis, moving averages and exponential smoothing will be discussed. Advanced forecasting methods such as multiple and non-linear regression, and econometric analysis will be covered. Qualitative techniques are also addressed, including top down and bottom-up forecasting, Delphi Method, and panel of experts approach. Students are expected to solve problems using software packages such as SPSS and Excel's data analysis tools. Prerequisites: MAT 1109 and ORM 3301. 3 credits. Offered as needed.

#### **ORM 3310 Production and Operations Management**

Operations Management plays an essential role in the day to day functioning of most large corporations, and is a modern success story. This course will focus critical thinking and analysis around the key areas of operating strategy – the design of the operations system, the management of a corporation's operations over time, and operations improvement. Specific topics covered will include operations and company competitiveness in a diverse global environment, operations strategy, the management of product quality, and practical methods of statistical quality control. The course will also examine techniques and tools of project management, the

importance of operational support systems, resource forecasting, and demand management. Current business topics such as Lean systems, supply chain management, and evolution of e-commerce will be discussed. Prerequisite: ORM 3301. 3 credits. Offered as needed.

### **ORM 3311 Quantitative Methods in Business II**

Students will become familiar with a variety of specific operations research techniques not discussed in other Operations Research courses. Contents include: Markov chains, dynamic programming, goal programming, utility theory, game theory, marginal analysis, and queuing theory. Prerequisites: MAT 1109 and ORM 3301. 3 credits. Offered as needed.

### **Graduate Course**

### **ORM 6308 Quantitative Methods in Business I**

This course will cover the theory and practice of applying advanced quantitative techniques to solve business problems. Topics will include the application of the methodology of decision science in a business setting, business applications of probability and statistics, optimization methods, forecasting techniques, cash flow investment analysis, and project management. In order to foster the technological competence necessary in today's competitive business environment, analysis of data sets and problem solution using PC based spreadsheets, decision analysis, forecasting, and graphing software will be emphasized. Prerequisites: MAT 1109 or MAT 2202; MAT 2301 or ORM 3301. 3 credits. Offered as needed.

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## **Physical Education [PE] Courses**

*Education courses appear as Adolescent Education [AED], Childhood Education [CED], Early Childhood Education [EC], 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 Programs of Study section of this book. For specific course information, contact the Education department in room 5311 or call (718) 489-5282.*

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### **PE 1101 Skills Activities: Soccer/Volleyball**

Theory, instruction, coaching techniques, and practice in the fundamentals of team sports and games. Depending on the semester, only ONE of the following sports will be taught: SOCCER or VOLLEYBALL (check with the physical education Office). 2 credits. Spring semester; day.

### **PE 1102 Skills Activities: Basketball, Baseball, Softball**

Theory, instruction, coaching techniques, and practice in the fundamentals of team sports and games. Depending on the semester, only ONE of the following sports will be taught: BASKETBALL, SOFTBALL, or BASEBALL (check with the Physical education Office). 2 credits. Spring semester; day.

### **PE 1103 Skills Activities: Tennis**

Theory, instruction, coaching techniques, and practice in the fundamentals of team sport and games. Depending on the semester, only ONE of the following sports will be taught: BADMINTON, RACQUETBALL, or TENNIS (check with the Physical education Office). 2 credits. Fall semester; day.

### **PE 1106 Skills Activities: Floor Hockey**

Theory, instruction, coaching techniques, and practice in the fundamentals of team sports and games. Depending on the semester, only ONE of the following sports will be taught: HOCKEY, or TEAM HANDBALL (check with the Physical education Office). 2 credits. Fall semester; day.

### **PE 1107 Skills Activities: Track and Field**

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 2202 History and Principles of Physical Education**

An introduction to the study of human movement. Sub-discipline include functional anatomy; the musculoskeletal system; exercise physiology; implications for physical education teaching and sport performance training; movement issues across the life span. Prerequisites: BIO 1108, PE 2202, ED 1201 and ED 2020/PSY 2230. 3 credits.. Fall semester, day.

### **PE 2208 Kinesiology**

An introduction to the study of human movement. Sub-disciplines of musculoskeletal system; exercise physiology; implications for physical education teaching and sport performance training; movement issues across the life span. Prerequisites: BIO 1108, PE 2202, ED 1201 and ED 2020/PSY 2230. 3 credits. Fall, Spring semester; day.

### **PE 3200 Biomechanics**

An introduction to kinetic and kinematic principles applied to sports and human movement. Topics include the study of the structure and functions of the body using the principles of physics and engineering. Prerequisite: PE 2208, BIO 1108 ED 1201 and ED2020/PSY2230. 2 credits. Spring semester; day.

### **PE 3100 Evaluation of Physical Education**

Methods and procedures used in performance-based assessment of learning in physical education; introduction to rubrics as assessment tool; standards-based learning; authentic assessment; higher-order thinking skills; application vs. recall of knowledge. Prerequisites: ED 1201 and ED 2020/PSY 2230 and any Skills Activities course. 2 credits. Fall semester; day.

### **PE 3222 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. Prerequisites: ED 1201, and ED2020/PSY2230. 3 credits. Fall semester; day.

## PE 3301 Basic Concepts in Physical Education

[New Course] A survey course designed to provide physical education students with an overview of the essential concepts and major areas that constitute knowledge and skills in physical education. Four subareas examined: physical fitness and health, lifelong movement activities and sports, personal growth and development, and the physical education program. Prerequisites: Chairperson's approval. 2 credits. Offered as needed; day.

## PE 3304 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: ED 1201 and ED 2020/PSY2230. 2 credits. Fall semester; day.

## PE 3305 Physiology of Exercise

This course provides students with an overview of how physical training affects the human body. Topics include weight training, principles of training, as well as aerobic and anaerobic changes that occur from a training stimulus. Prerequisite: BIO 1108, ED 1201, and ED 2020/PSY2230. 3 credits. Fall semester; day.

## PE 3308 Motor Learning

An introduction to teaching and learning sport skills from a motor learning perspective. Open and closed loop information processing systems are used to describe and explain sports skill, reaction time, and motor skills. Theory and concepts learned will be applied to the everyday practical aspects of teaching and coaching sport. Prerequisites: ED 1201, and ED2020/PSY2230. 3 credits. Spring semester; day.

## PE 4300 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 2200 or CED 2200, ED 1201, and ED2020/PSY2230 and senior standing. 3 credits. Fall semester; day.

## PE 4302 Physical Education for Students with Special Needs

An introductory course designed to provide pre-service physical education teachers with the knowledge and tools to successfully include students with disabilities in a quality physical education program, grades K-12. Topics include: least restrictive environment; IEP; legal mandates for physical education services: IDEA, Section 504, AD; unique characteristics of specific disabling conditions; various modifications to allow for individualizing instruction and for the inclusion of students with disabilities in games and activities. Prerequisites: PE 2208, PE 3308, ED 1201 and ED 2020/PSY 2230. 3 credits. Spring semester; day.

## PE 4500 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 Chairperson's approval. 2 credits. Every semester; day.

## PE 4616 Psychology of Sport

Introduction to psychological concepts applied to sport and physical activity. The effects of thoughts, feelings and beliefs on athletic performance; various behavioral interventions for performance enhancement; peak performance state; team dynamics; team cohesion; coach leadership style and decision making; motivation; arousal control; concentration and attention control; anxiety-performance relationship. Prerequisites: ED 1201, and ED 2020/PSY 2230 and departmental approval. 3 credits. Spring semester; day.

## PE 4990 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 3100, PE 4300, and Chairperson's approval. 6 credits. Every semester; day.

## PE 4995 Independent Study

Independent study and readings in an area of specialization in the discipline of physical education. Conferences, report, special project, or term papers are used to assess student learning. Prerequisite: Chairperson's approval. 1-3 credits. Every semester; day.

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## Philosophy [PHI] Courses

*The core curriculum requirement in Philosophy is satisfied by completing three courses in sequence:*

- one 1000-level course: courses at this level introduce students to the activity of philosophizing in its initial phases;
- one 2000-level course: courses at this level give theoretical expression to the matter introduced at the previous level;
- one 3000- or 4000-level course: courses at this level take students to the stage where they can address specific themes in philosophy as well as the history of philosophy and contemporary applications.

*For specific course information, contact the Philosophy and Religious Studies department in room 6009 or call (718) 489-5229*

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### 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 2204 Utilitarianism**

[New Course] Utilitarianism is an important moral theory which exerts today a strong influence in economics, business, government, law, criminal justice, and medical ethics. This intermediate level course examines the basic issues of utilitarian thought by studying the origins and development of the core utilitarian principles from ancient Greek philosophy in the ethical theory of Epicurus (341-270 BC) to the ethical theories stated by David Hume (1711-1776), to Jeremy Bentham (1748-1832), and John Stuart Mill (1806-1873). Prerequisite: PHI 1101 or PHI 1114. 3 credits. Offered as needed.

## **PHI 2205 Happiness and Pleasure**

[New Course] One of the most enduring issues in Western philosophy involves the relationship of happiness and pleasure. This course examines different philosophical views developed by philosophers on the nature of happiness and pleasure from ancient Greek philosophy through the development of classical utilitarianism. The course focuses on how much importance or priority to accord pleasure in answering the questions, How ought I to live? and, In the search for happiness, how important is pleasure? Offered as needed.

## **PHI 2210 Descartes**

This intensive intermediate-level course aims to acquaint the student with the thought of René Descartes (1596-1650), the founder of modern philosophy and a towering figure in the history of metaphysics. The basis of the course will be a careful reading of Descartes' major work, *Meditations on First Philosophy*. Excerpts from other texts, particularly Descartes' *Discourse on the Method*, *Replies to Objections*, and correspondence, will be brought in to supplement the *Meditations*. Through these readings, students will examine key philosophical notions or themes including skepticism, truth, God, the self, the infinite, mind and body. Prerequisite: PHI 1101 or PHI 1114. 3 credits. Every semester; day. Offered as needed; evening.

## **PHI 3308/REL 3601 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: Any 2000-level PHI course. 3 credits. Offered as needed; day.

## **PHI 3310 American Philosophy**

This course aims to acquaint students with a broad range of American thought, as expressed by the distinctively American philosophy of the Pragmatists, but also through considering the works of other writers who have made important contributions to the religious, literary, political, and social aspects of American life. Our approach is primarily historical, but also thematic, as we focus on how the writings of such authors as Jonathan Edwards, the American Founding Fathers, the Transcendentalists, and representatives of the schools of Positivism and Pragmatism, Idealism, Naturalism and Realism, Linguistic Analysis and Postmodernism, have influenced and shaped the American intellectual landscape. The course concludes with a focus on political and social justice, incorporating ongoing American themes with contemporary writings, noting the struggle to extend our founding ideals to all Americans, addressing issues of civil rights and feminism, and comparing the political theories of libertarianism, egalitarianism, and communitarianism--attempting throughout to make applications to today's America as well as to our historical past.

Students mastery of the material is exhibited through their performance on objective tests, as well as in short papers in which they are expected to develop their own arguments with respect to a theme or issue suggested by the readings. Students are not specifically graded on class participation, but questions and discussion are strongly encouraged. Prerequisite: Any 2000-level PHI course. 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: Any 2000-level PHI course. 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: Any 2000-level PHI course. 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: Any 2000-level PHI course. 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: Any 2000-level PHI course. 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: Any 2000-level PHI course. 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: Any 2000-level PHI course. 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: Any 2000-level PHI course. 3 credits. Offered as needed; day.

### **PHI 3341 Philosophy of Law**

An inquiry into the nature of law through a study of different explanations of what law is. This course also addresses itself to the issues that have been raised concerning the connection of law to justice and of law to morality. Prerequisite: Any 2000-level PHI course. 3 credits. Offered as needed; day.

### **PHI 3342/BUS 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: Any 2000-level PHI course. 3 credits. Offered as needed.

### **PHI 3343 Philosophy of Sport**

[New Course] This course will examine the history and theory of sport and athletic excellence, through the lens of philosophical texts, selections from world literature, and scholarly articles from the fields of cultural studies. By reading and analyzing such works, it is to be hoped that students will come to understand the important features of the history, theory, and social relevance of sport and athletics. Prerequisite: Any 2000-level PHI course. 3 credits. Offered as needed.

### **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 2000-level PHI course. 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: Any 2000-level PHI course. 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: Any 2000-level PHI course. 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 the Hellenistic Schools, with particular emphasis on Plato and Aristotle. Analysis of representative texts. Prerequisite: Any 2000-level PHI course. 3 credits. Offered as needed; 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: Any 2000-level PHI course. 3 credits. Offered as needed; 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: Any 2000-level PHI course. 3 credits. Offered as needed; 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: Any 2000-level PHI course. 3 credits. Offered as needed; 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: Any 2000-level PHI course. 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: Any 2000-level PHI course. 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: any PHI course at the 2000-level 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 5401 Plato and Neoplatonism**

Neoplatonism, a philosophical movement beginning with Plotinus, offers itself as an elucidation of “what Plato really meant” and a continuation of his thought. Along with Plato’s

philosophy itself, it has been profoundly influential on Western philosophy, mysticism, and literature. The two major sections of this seminar will be (a) a study of Plato, with particular attention given to the aspects of his thought emphasized by Neoplatonic thinkers; and (b) a study of Plotinus’s philosophy in its triple dimension – as a reading of Plato, as a metaphysical system, and as a religious path. Since Neoplatonism did not immediately grow out of Plato, the seminar will examine more briefly, between these two sections, the key concepts of intervening philosophical systems that Neoplatonism either built itself against or incorporated (or both). The last section will be devoted to the later pagan Neoplatonists, and to the synthesis of Christian doctrine and Neoplatonic themes in two towering figures at the juncture of ancient and early-Medieval thought. Prerequisite: Open to Honors students. 3 credits. Offered as needed.

### **PHI 5402 The Infinite**

The infinite is a rich and dynamic notion situated at the crossroads of several fields of study and reflection. This team-taught interdisciplinary seminar approaches the infinite from two distinct perspectives: that of philosophy, and that of mathematics.

On the philosophical side, we will focus on key moments of the history of the infinite in Western thought. We will examine different positions with regard to the infinite, trace their development and compare them with one another. We will bring out the implications of the notion of the infinite, relating it to other notions such as finitude, indefiniteness, or perfection. Our philosophical analysis will take us into the areas of metaphysics, philosophical theology, philosophical anthropology, and epistemology.

On the mathematical side, we will explore various infinite sets of numbers. We will show that infinite sets have the same size as some of their infinite subsets. On the other hand, we will show that for any given infinite set, there is a larger infinite set, showing that there are infinitely many infinite sets of different sizes. We will also discuss the concept of the infinitesimal, the infinitely small, and use that concept to discuss limits of infinite sequences and infinite series. Prerequisite: Open to Honors students. 3 credits. Offered as needed.

### **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: Any 2000-level PHI course. 3 credits. Offered as needed

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## **Physics [PHY] Courses**

*For specific course information, contact the Chemistry and Physics department in room 7202 or call (718) 489-5295.*

### **PHY 1001 Physics and The Modern World**

This course is designed for a non-science major who desires a basic, conceptual understanding of physics. Subject areas include Newtonian physics, fluids and heat, electricity and

magnetism, wave motion, optics, the atom and relativity. Contemporary issues of technology using physics are discussed, such as designing efficient inexpensive computers; using charge-coupled devices (CCDs) in camcorders, television and

medical imaging. Two lectures and two hours of laboratory each week. Lab fee. 3 credits. Offered as needed.

## 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 2202. 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.

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## Project Management [PM] Courses

*Effective 2009, Insurance courses [INS] are now listed as Risk Management Courses [RSM] Business courses appear as Business [BUS], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], and Risk Management [RSM]. For further information, please refer to the Management and Information Technology department in the Programs of Study section of this book. For specific course information, contact the Management and Information Technology Department in room 5004 or call (718) 489-5419 or (718) 489-5347.*

### PM 6000 Fundamentals of Project Management

[New Course] This course is designed to provide an overview of project management practices and the practical application of these standards to business projects in any industry. The participants will learn project management guidelines and how these can be used to address a range of project challenges. Students will be expected to complete exercises which apply what they have learned in a team setting. 3 credits. Offered as needed.

### PM 6010 Project Risk Management

[New Course] This course focuses on the principles, strategies, and skills project managers need to successfully and proactively minimize and manage risks associated with projects in today's world. Students will learn how to identify, quantify, minimize, monitor and control project risks. They will learn how to distinguish between project risks, threats, opportunities, and obstacles, minimize project risks, maximize project opportunities, and manage project obstacles in order to achieve project success. Prerequisite: PM 6000. 3 credits. Offered as needed.

### PM 6020 Finance for Project Managers

[New Course] This course focuses on the human side of project management. Students will learn the principles, concepts, and theories of group formation and dynamics, and

will learn how to turn groups into teams. They will learn the qualities, attributes, and skills needed to successfully manage, lead, and motivate project teams. In addition, students will learn effective interpersonal communication skills, leadership strategies, conflict resolution skills, and how to guide and influence others. Prerequisite: PM 6000. 3 credits. Offered as needed.

### PM 6030 Optimizing Project Management Teams

[New Course] This course focuses on the human side of project management. Students will learn the principles, concepts, and theories of group formation and dynamics, and will learn how to turn groups into teams. They will learn the qualities, attributes, and skills needed to successfully manage, lead, and motivate project teams. In addition, students will learn effective interpersonal communication skills, leadership strategies, conflict resolution skills, and how to guide and influence others. Prerequisites: PM 6000. 3 credits Offered as needed.

### PM 6995 Independent Study

[New Course] Students who are enrolled in graduate study in Project Management may undertake independent study under the direction of a faculty member. Chairperson's approval. 3 credits. Offered as needed.

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## Political Science [PSC] Courses

*For specific course information, contact the Economics, History, Political Science and Social Studies department in room 5320 or call (718) 489-5266.*

### PSC 1202 Introduction to Political Science

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 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: 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 or/and evening.

## **PSC 2305 Politics of 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. Fall 2009. 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 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. Offered as needed.

## **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. Offered as needed.

## **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: PSC 1202 or PSC 1204. 3 credits. Spring semester; day.

PSC 2320—Current Problems: Asia

PSC 2321—Current Problems: Africa

PSC 2322—Current Problems: Latin America

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 2335/HIS 2335 Political Themes in American**

An examination of the political ideologies in American films dealing with war, government corruption, related conspiracy theories, political figures, electoral campaigns, the incorporation of minorities and immigrants into American society, the media, economics, and foreign policy. Course will focus on the historical narrative presented by the filmmakers and ask whether the films convey history or mythology. Prerequisite: HIS 1201. 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 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.

PSC 2380—France

PSC 2381—Latin America: Argentina, Brazil and Mexico

PSC 2382—Russia

PSC 2383—Germany

PSC 2384—Italy

PSC 2385—England  
PSC 2386—China  
PSC 2387—Ireland  
PSC 2388—Greece  
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. Offered as needed.

### **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: PSC 1204. 3 credits.

### **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 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: PSC 1202 or PSC 1204. 3 credits. Fall semester; day.

### **PSC 3411 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: PSC1202 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. Chairperson's approval. 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. Senior standing. 3 credits. Fall semester; 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. Prerequisite: Open to Honors students. 3 credits. Offered as needed; day.

## **PSC 7002 International Politics in the Twenty-First Century**

An analysis of the significant issues of the international system: security, the state and intergovernmental organizations; sustainable development and the global commons; globalization and the international political economy. Prerequisite Graduate student status or permission of the instructor. 3 credits. Offered as needed.

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## **Psychology [PSY] Courses**

*For specific course information, contact the Psychology department in room 5202 or call (718) 489-5455.*

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### **PSY 1100 General Psychology**

General introduction to the basic concepts, methods, and findings of contemporary psychology. 3 credits. Every semester; day. Offered as needed in the evening.

### **PSY 1101 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 1100. Students also learn APA style and basic methods of analyzing data using computer software. A grade of C or better in this course is required to continue in the psychology major program. Prerequisite: PSY 1100. Three lectures and one lab hour per week. Lab fee. 4 credits. Fall and spring semesters; day.

### **PSY 1103 Developmental Psychology I: Childhood and Adolescence**

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 1104 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 1108 Life-Span Development**

A one-semester course designed for students in the College nursing program and covers all the significant stages of development including infancy, childhood, adolescence, and adulthood. Not to be taken for credit if students has taken PSY 1103 or PSY 1104. Non-majors only or with departmental permission. 3 credits. Offered as needed; day and evening.

### **PSY 1114 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 2130/CJ 3070 Addictions I**

Review of research and theories concerning all forms of addiction, including drug, alcohol, gambling, and sex addictions. Prerequisite: PSY 1100 or SOC 1000. 3 credits. Offered as needed.

### **PSY 2131/CJ 3075 Addictions II**

Review of therapeutic techniques for all forms of addictive behavior. Outside resources are used to supplement class materials. Prerequisite: PSY 2130/CJ 3070. 3 credits. Offered as needed.

### **PSY 2205 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 1101. 3 credits. Spring semester; evening. Offered as needed; day.

### **PSY 2207 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 1101. 3 credits. Offered as needed; day.

### **PSY 2209 Introduction to Positive Psychology**

This course will focus on the paradigm shift from pathology to strengths-based psychology in the rapidly growing field of positive psychology. Positive psychology is a new field focused on the empirical study of human flourishing. One of its central missions is the development of a classification of human strengths and virtues that constitute character. This course is designed to explore the concepts, research behind the concepts techniques, and exercises to enhance optimism, decrease stressors, and significantly increase well-being. Prerequisites: PSY 1100. 3 credits. Offered as needed; day and evening.

### **PSY 2213 Group Dynamics**

An introduction to group processes. Emphasis is placed upon group members' interaction and psychological functioning. Students engage in experiential activities that demonstrate how groups function. Prerequisites: PSY 1100 or SOC 1000. 3 credits; Spring and summer semesters; day and evening.

## **PSY 2217 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. Prerequisites: PSY 1100, SOC 1000 and/or BUS 1001. 3 credits. Offered as needed; day and evening.

## **PSY 2229 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 2230/ED 2020 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 2231/ED 2100 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 1201 and ED 2020; student has passed the LAST test. Field Experience: 15 hours. 3 credits. Every semester; day and evening.

## **PSY 2233/ED 2040 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 3300 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 1104 or higher and PSY 1101. A grade of C or better in this course is required to continue in the psychology major program. Three lectures and one lab hour per week. Lab fee. 4 credits; Every semester; day.

## **PSY 3307 Theories of Personality**

A comparison of major personality theories with special focus on personality development and personality structure. Prerequisite: PSY 1101 and two higher PSY courses. 3 credits. Fall semester; day and evening. Spring semester; offered as needed.

## **PSY 3312 Social Psychology**

Selected topics in conformity, obedience, sexual attitudes and behavior, aggression, prejudice, and the distinction between biological and social views of human nature. Prerequisite: PSY 1101. 3 credits. Fall semester; day and evening. Spring semester; offered as needed.

## **PSY 3320 Cognition**

This course is an introduction to the science of cognitive psychology. Generally speaking cognition deals with information processing and problem solving. In this course we will discuss the cognitive approach to psychology, which looks at humans as a complex computer. There is input, processing aspects, and output. In our case the input is an observable behavior. We will cover topics such as perception, concept formation and category learning, language, decision making, and memory. Prerequisites: PSY 1101 and two higher PSY courses. 3 credits. Offered as needed.

## **PSY 3360 Psychobiology**

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. Prerequisites: PSY 1101 and two higher PSY electives. 3 credits. Fall semester; day. Offered as needed other semesters.

## **PSY 3370/SOC 3370 Gender Roles in Cross-Cultural Perspective**

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 1101, SOC 1000 and one higher PSY elective. 3 credits. Offered as needed.

## **PSY 3380/ICS 3380 Cross-Cultural and Multicultural Psychology**

An introduction to the theories, methods, and findings of cross-cultural and multicultural psychology, with special attention given to communication and encounters between members of different cultural groups. Socialization, moral and personality development, gender roles, abnormal behavior, belief systems, cross-cultural contact, culture change and issues of identity in and across societies are explored. Prerequisite: ICS 1241 or PSY 1103 or higher. 3 credits. Offered as needed; day.

## **PSY 4000-4199 Seminar in Psychology**

These courses cover 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, human resources and forensic psychology. Topics are chosen to reflect both the interests of the students and current areas of concern in psychology. Prerequisites: PSY 1101 and two 3000 and/or 4000 level PSY courses. 3 credits. Every semester; day and evening.

### **PSY 4409 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 1101 and PSY 1103 and one higher PSY course. 3 credits. Every semester; day. Offered as needed; evening.

### **PSY 4411 History and Systems of Psychology**

This course explores the history of modern psychology beginning with the 17th century. Emphasis is placed upon the major schools of thought including structuralism, functionalism, behaviorism, psychoanalysis, humanistic psychology and evolutionary psychology. Prerequisite: PSY 1101 and two higher PSY electives. 3 credits. Fall semester; day. Offered evenings and other semesters as needed.

### **PSY 4420 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 4461 Sensation and Perception**

This course will focus on the five sensory systems from the physical stimuli in the environment to our perceptual experience of those stimuli. Topics will include color, motion, depth, hearing, taste, smell and touch. Some unique aspects will also be discussed such as the perception of faces and voices. Prerequisite: PSY 1101 and PSY 3360. 3 credits. Offered as needed (usually Spring, day).

### **PSY 4990, 4991 Field Experience in Psychology I, II**

Observation and supervised experience within selected applied settings. Prerequisite: PSY 4420. 1-3 credits per semester. Every semester; day.

### **PSY 4995, 4996 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 4999 and approval of the department Chairperson. 3 credits. Every semester; day.

### **PSY 4998 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 3300. Three lecture and one recitation hour per week. 4 credits. Fall semester; day.

### **PSY 4999 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 4998. Three lectures and one lab hour per week. 4 credits. Spring semester; day.

### **PSY 5470 Seminar: Children and Adolescents in a Cross-Cultural Perspective**

[New Course] This seminar focuses on psychosocially and culturally oriented studies of children and adolescents conducted by social scientists in western and nonwestern countries. The goal of the seminar is to arrive at a global understanding of childhood including the cultural, economic, ecological, and political conditions determining developmental trajectories in a wide variety of cultural groups. Prerequisite: Open to Honors students. 3 credits. Offered as needed.

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## **Religious Studies [REL] Courses**

The core curriculum requirement in Religious Studies is satisfied by completing one of the following courses: REL 1101 or any 2000-level course. For specific course information, contact Dr. Pedersen in room 6008 or call (718) 489-5235.

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### **REL 1101 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.

### **REL 2102 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 diversity. 3 credits. Offered as needed; evening.

## **REL 2103 Religions of Asia**

An introduction taught in historical perspective of South and East Asian 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. Spring semester; day.

## **REL 2104 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 2105 Women in Religion**

This course explores the images and roles of women in a number of the world's religious traditions, including, Judaism, Christianity, Islam, Hinduism, Buddhism, Chinese religions, Indigenous traditions and new religious movements. Ideas of the divine as feminine or masculine, ways in which women have been represented and women's actual practices and experiences will be explored. Modern movements and issues will be included. 3 credits. Fall semester; day.

## **REL 2201 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 2202 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. Spring Semester; day.

## **REL 2203 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'a Islam, Sufism and Islam in Asia, and the Americas. Attention is given to Islamist movements and their impact on international affairs as well as other contemporary issues. 3 Credits. Fall Semester; day.

## **REL 2204 Religious Ways of India**

An introduction to the religious traditions originating in India, with the exception of Buddhism (covered in REL 2206): Hinduism, Jainism and Sikhism. The course is taught in historical perspective, covering ancient India and the religion of the Veda, the rise of Yoga and ascetic movements, social ethics

and Dharma, and devotion to the main forms of God in Hinduism – the Goddess, Shiva and Vishnu. Hindu and Jain teachings on nonviolence and the values and practices of Sikhism will be studied. The course will also consider modern movements and India's religions in the global context. 3 Credits. Offered as needed; day.

## **REL 2206 Buddhism**

An introduction to Buddhism taught in historical perspective, beginning with the life of the Buddha in ancient India and basic Buddhist. Other topics to be studied include the way of life of Buddhist monks and householders in the Buddhist community, early Buddhism, the rise of Mahayana Buddhism and Buddhist traditions of China and Japan including Pure Land and Zen. Esoteric Buddhism or Vajrayana as found in Tibet will be considered. The course concludes with a discussion of the transmission of Buddhism to the West and issues for Buddhism in the modern world. 3 credits. Offered as needed.

## **REL 2301 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 2302 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 the scripture are explored. 3 Credits. Spring Semester; day.

## **REL 2401 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 20<sup>th</sup> century, examining basic themes and the Church's response to critical contemporary issues. 3 Credits. Fall Semester; day.

## **REL 2501 Contemporary Moral Issues**

A 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.

## **REL 2502 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. Every Semester; evening.

### **REL 3601/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 3701 Approaches to the Study of Religion**

A study of the main methods of the modern study of religion, including the history of religion, sociology, anthropology, psychology and postmodern and feminist approaches. The study is conducted through reading the writings of major scholars of religion. The course is taught in seminar format. Prerequisite: Any 1000 or 2000 level REL course. 3 Credits. Offered as needed; day.

### **REL 4000 and up Special Topics in Religious Studies**

In-depth study of special topics to be announced. Prerequisite: Any 1000 or 2000 level REL course. 3 Credits. Offered as needed; day.

### **REL 4100 Seminar in Religious Studies**

The course deals intensively in seminar format with specific subjects that are announced. May be taken more than once. Prerequisite: Any 1000 or 2000 Level REL course. 3 Credits. Offered as needed; day.

### **REL 4503 Christian Ethics**

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 judgment? 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. Prerequisite: Any 1000 or 2000 level REL course. 3 Credits. Offered as needed; day.

### **REL 4995 Independent Study**

Directed research in a topic selected by the student. Open to qualified juniors and seniors who have completed at least three courses (9 credit hours) in religious studies. Prerequisite: written permission of the department chair. May be taken more than once. 1-3 credits. Offered as needed. day.

### **REL 5309 The Environmental Crisis and the World's Religions**

An exploration of 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 overconsumption of resources. First, what do religions have to say about the value of nature and of 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 will consider Judaism, Christianity, Islam, and the religions of India, China and Japan as well as Indigenous traditions. Prerequisite: Open to Honors students. 3 Credits. Offered as needed; day.

### **REL 5352 Images of Human Nature I**

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, myth, literature, sacred books, philosophical or political treatise, 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. Prerequisite: Open to Honors students. 3 credits. Offered as needed; day.

### **REL 5353 Images of Human Nature II**

A continuation of REL 3532/PSY 3352. Open only to Honors students. Prerequisite: REL 5352/PSY 3352. 3 Credits. Offered as needed; day.

### **REL 5354 Tolkien the Mythmaker**

A study of the works of J. R. R. Tolkien, drawing out their implications for modern culture, ethics, religion and the philosophy of the imaginative art that Tolkien called "myth" or "fantasy." Tolkien was a scholar of the languages and literature of northern Europe. He was also the author of a large body of myth and legend which is the context for the story of *The Lord of the Rings*, as well as essays, poetry, and shorter narratives. All of these disclose varied facets of the complex and profound mind of a singular visionary, and give insight into his vast appeal. Prerequisite: The student must have read *The Lord of the Rings* in its entirety (excluding the Appendices). Prerequisite: Open to Honors students. 3 Credits. Offered as needed. Day.

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## **Risk Management Courses [RSM]**

*Effective 2009, Insurance courses [INS] are now listed as Risk Management Courses [RSM] Business courses appear as Business [BUS], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], and Risk Management [RSM]. For further information, please refer to the Management and Information Technology department in the Programs of Study section of this book. For specific course information, contact the Management and Information Technology Department in room 5004 or call (718) 489-5419 or (718) 489-5347.*

### **RSM 1021 Property and Liability Insurance**

This course provides an introduction to the fundamentals of insurance, basic insurance operations such as underwriting, marketing, and claims. The course also provides students with an understanding of insurance contracts, loss exposures, and

risk management. Students will prepare for the CPU INS 121 examination, which is one of four examinations necessary to earn an Associate in Insurance Services designation. 3 credits. Prerequisite: BUS 1001. Offered as needed.

### **RSM 1022 Personal Insurance**

This course analyzes personal loss exposures and insurance coverage's, including homeowners dwelling and contents, personal liability, inland marine, auto, life, health and government programs. The course will develop a concept of personal risk management and how insurance products can be used to reduce risk. Students will prepare for the INS 22 examination, which is one of four examinations necessary to earn an Associates in Insurance Services designation. 3 credits. Prerequisite: BUS 1001. Offered as needed.

### **RSM 1023 Commercial Insurance**

This course provides an overview of commercial insurance in general, and a more detailed description of the coverage's in all of the major lines of commercial insurance. The course also

will cover general contract provisions and highlight significant coverage's, exclusions and conditions. The interrelationship of the provisions within the general commercial contract are explained. Students will prepare for the INS 23 examination, which is one of the four examinations necessary to earn an Associate in Insurance Services designation. 3 credits. Prerequisite: BUS 1001. Offered as needed.

### **RSM 1025 Insurance Services Management**

This course focuses on concepts of Continuous Improvement; Customer Orientation; Process Management; Process Improvement Model & Tools; Leadership; Teamwork; Organizational Structures; and Monitoring Processes. Students will prepare for the AIS 25 examination, which is one of the four examinations necessary to earn an Associate in Insurance Services designation. 3 credits. Prerequisite: BUS 1001. Offered as needed.

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## **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 1102 Food Science**

The study of the functionality of food components; factors that affect their quality, safety and nutritional value; evaluation of the critical parameters used in food preservations processes, and the interpretation of the nutritional information on food packages. 3 credits. Fall or spring semester as needed.

### **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 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. Prerequisite: Open to Honors students. 3 credits. Offered as needed; day.

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## **St. Francis College [SFC] Courses**

*For specific course information, contact the Freshman Studies department in room 3006 or call (718) 489-5472.*

### **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. The course provided students with information on the college's policies as well as information on college level study skills, major selection, and student life. The course lays the groundwork for choosing majors and planning careers as well as organizing academic plans for the completion of a bachelor's degree. Freshman Seminar provides opportunities



to discuss important issues like balancing personal and academic life; making the transition to college; and utilizing campus resources. In this course, freshmen have the chance to familiarize themselves with the expectations of college of college and receive a college credit for the completion of this course. The interaction with fellow freshmen and academic advisors helps students feel more connected to the college and campus. Students received a grade for this course based on the College's grading policy. 1 credit. Every semester. Day.

### **CPS 2001 Managing Your Future and Career**

The course focuses on assisting students' in clarifying life goals and translating those goals into an educational program. This

course is designed to introduce students to the components of the academic major and career planning process by taking and analyzing personality/interests, values, and skill inventories. Students will understand and integrate their results with the intent on narrowing down specific academic and career goals. Students will also learn the relevant skills necessary for both academic and career success such as self-management, presentation and networking skills, and career portfolio development which includes resume and cover letter writing. Collaborating with the Career Center, usage of the Optimal Resume and visits to Career Center sponsored events are also a major component to the course. This course meets in an intensive 8-week format. 2 lecture hours per week. 1 credit.

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## **Sociology [SOC] Courses**

*For specific course information, contact the Sociology, Criminal Justice and Social Studies department in rooms 6012, 6014, or 6016 or call (718) 489-5476.*

### **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 part of the core. 3 credits. Every semester. *"This course will not count as a liberal arts elective."*

### **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 2001 Introduction to Women Studies**

[New Course] The aim of this course is to help students acquire awareness and knowledge of current and past social, economic, political, intellectual and cultural contributions of women. Additionally, students will develop an understanding of how gender combines with nationality, race and ethnicity, religion, social class and sexual orientation to shape the experiences of men and women, including themselves. This course is one amongst the required courses in the Women Studies Minor. Prerequisite: SOC 1000. 3 credits. Offered as needed.

### **SOC 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/ICS 3370 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 or ICS 1240 or ICS 1241. 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 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. *"This course will not count as a liberal arts elective."*

### **SOC 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. Prerequisite: SOC 1000. 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. Spring semester.

## **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/REL 3702 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 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.

## **SOC 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 3130/ AML 3130 Crime, Justice, and American Fiction**

[New Course] This course is designed as an introduction to representations of crime and justice in contemporary American society. The course will focus on constructions of crime and justice in literature, comic books, and film. We will explore the social construction of crime and the cultural meanings that these images provide. We will debunk various crime myths and deconstruct stereotypes perpetuated by popular images of criminality. The course is interdisciplinary, providing students with multiple perspectives on crime and criminality and explores ways of critically analyzing and interpreting media images. Prerequisites: SOC 2010 and any AML, BRL, DRA, or LIT course 2000 or higher. 3 credits. Offered as needed

## **SOC 3370/PSY 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 1100 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. Every 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: IT 1001 & SOC 4210 recommended. 3 credits. Every 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. Every semester.

### **SOC 5010 Contemporary Migration**

Honors seminar. This course takes a multidisciplinary approach to the study of contemporary migration. The major focus is on the United States within 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: Open to Honors students. 3 credits. Offered as needed.

### **SOC 5020 Race, Ethnicity, & Inequality in the US**

The overall objective of this course is to explore how - and the extent to which - race and ethnicity link to social, cultural and economic realities on both the micro and macro level. Specifically, we will question the extent to which race and ethnicity continue to determine life chances in the United States. Prerequisite: Open to Honors students. 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. Prerequisite: Open to Honors students. 3 credits. Offered as needed; day.

### **SOC 5401/ECO 5401 Contemporary Islam: It's Socio-Economic Context**

Islam has the second largest religious following and is the fastest growing religion in the world. The dawn of the 21<sup>st</sup> century finds an increasing polarization between modernization and Islam. This course will have a basis in historiography, with politics as a backdrop, within the context of social/cultural and economic understanding, it seeks to describe the phenomenon of contemporary Islam. Prerequisite: Open to Honors students. 3 credits. Offered as needed.

### **SOC 5402/BIO 5310 Ethical Legal and Social Implications of the Human Genome Project**

The Human Genome was sequenced completely in 2002. This is a database that includes all of our genetic code. Not only did this research revolutionize science, it also inevitably impacted numerous spheres of our social life and continues to do so. In this course, we will learn about the human genome and the possibilities this knowledge generates for social consideration and social change. We will answer the following questions. Why do we want to study our genes? Who should have access to my genome? Who owns the genome? Should we be changing out genes? The areas of concern are: fairness in the use of genetic information; privacy and confidentiality; social consequences and stigmatization; reproductive issues; clinical issues; uncertainties; ethical and legal concerns; conceptual and philosophical implications, health and environmental issues and the commercialization of gene products. Prerequisite: Open to Honors students. 3 credits. Offered as needed

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## **Spanish [SPA] Courses**

*For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 5312 or call (718) 489-5387.*

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### **SPA 1101 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 semester day; offered fall evening.

### **SPA 1102 Beginning Spanish II**

Continuation of SPA 1101. Bilingual students will not receive credit for this course. Prerequisite: SPA 1101. 3 credits. Offered every semester day; offered spring evening.

### **SPA 1105 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. Offered as needed.

### **SPA 1117 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 1118 Basic Conversational Spanish for Education II**

Continuation of SPA 1117. Prerequisite: SPA 1117. 3 credits. Offered as needed.

### **SPA 1119, 1120 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 1129, 1130 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 2103 Second Year Spanish I**

The control of elementary audio-lingual skills and their further development; emphasis on developing reading skills. Prerequisite: SPA 1102 or three years of language reading and conversation in high school or passing a placement test (see Chairperson). 3 credits. Every fall; day.

## **SPA 2104 Second Year Spanish II**

Continuation of SPA 2103. Prerequisite: SPA 2103. 3 credits. Every spring; day.

## **SPA 2115 Conversation in Spanish**

A conversation course based on everyday topics and readings from a wide range of literary and non-literary sources. Prerequisite: SPA 2104 or SPA 1105. 3 credits. Offered as needed.

## **SPA 2201, 2202 Contemporary Readings of Spain and Latin America I, II**

Reading and discussion of major works of Spanish and Latin American literature. Prerequisite: SPA 2104. 3 credits. Offered as needed.

## **SPA 3302 Contemporary Spanish Literature from 1898 to Present**

A study of the outstanding authors of the 20th century and their works. Prerequisite: SPA 2202. 3 credits. Fall semester 2012; day.

## **SPA 3305, 3306 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. Offered as needed.

## **SPA 3402/ICS 3315 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 1240 and ICS 1241. 3 credits. Spring semester 2012; day.

## **SPA 3411 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. Fall semester, 2012; day.

## **SPA 3414 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. Spring semester 2013; day.

## **SPA 4308 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 2202. 3 credits. Offered as needed.

## **SPA 4407 Cervantes**

An analysis of Cervantes's works and their importance in the literature of the Siglo de Oro; readings and discussions; reports. Prerequisite: SPA 2202. 3 credits. Spring semester 2012; day.

## **SPA 4415 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. Offered as needed.

## **SPA 4417 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 4419 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 4995 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 4998 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.

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## Sports Management [SPM] Courses

*For specific course information, contact the Management and Information Technology Department in room 5004 or call (718) 489-5419 or (718) 489-5347.*

### SPM 1001 Introduction to Sport Management

This course is a survey course that is designed to provide students with an overview of the basic organizational and business structure of the diverse and expanding field of sports management. The content areas include Professional, Olympic, and intercollegiate, as well as the exercise/fitness promotion business sectors. Additional topics will include sports law, ethics, sports journalism and communications, as well as sports marketing. The student will be exposed to the different sports career opportunities, requirements for entrance into the various employment areas and the trends in the industry. 3 credits.

### SPM 2050 Facility and Event Management

This course studies the guidelines and principles of managing sport and recreation events and facilities. Topics include event logistics, critical planning techniques, negotiations, funding, and facility design, operation, and maintenance. Prerequisite: SPM 1001. 3 credits.

### SPM 2070 Organization Theory in Sport Management

This is a course designed to provide students with a strong foundation in organization theory and application of that theory in the context of sport management. Real-world, key issues currently faced by sport managers will be explored. Topics include organization theory, structure, effectiveness, design options, power, politics, conflict and decision making within sport organizations. The students will be exposed to sport organization theory in practical terms and learn how to apply the knowledge in real-world situations through analysis of current trends in the industry. Prerequisite: SPM 1001. 3 credits.

### SPM 2080/BL 2401 Sports and the Law

An introduction to law as it relates to sports management; U.S. legal process and court system; constitutional and anti-discrimination law; the law of torts, contracts, agency, labor, business organizations: franchising, sole proprietorships, partnerships, LLCs, and corporations; antitrust, intellectual property and licensing. Prerequisite: SPM 1001. 3 credits.

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## Social Studies [SS] Courses

*For specific course information, contact the Sociology, Criminal Justice and Social Studies department in room 3201 or call (718) 489-5435.*

### 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, Senior Standing. 3 credits. Fall semester; day.

### SS 5400-5499 Honors Topics in Social Studies

This course explores specific, identified topics in the major of Social Studies and is drawn from the disciplines of History, Political Science, economics, and Sociology. These topics are interdisciplinary in their nature and require the utilization of at least two of the above listed academic disciplines to fulfill the Social studies requirement. The subject matter is selected by the instructor prior to registration, with the approval of the department Chairperson. Prerequisite: Open to Honors students. 3 credits. Offered as needed.

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## Writing [WRI] Courses

*English courses appear as American Literature [AML], British Literature [BRL], Drama [DRA], English [ENG], World Literature [LIT], and Writing [WRI]. For further information, please refer to the English department in the Programs of Study section of this book. For specific course information, contact the English department in room 7003 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. 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. 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 1510/BUS 2260 Business Writing: Jumpstart Your Career**

This course will provide instruction and practice in business writing and professionalism. The students will learn to write various types of business communication and gain an understanding of the professional expectations associated with creating and receiving them. 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.

### **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.

### **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.

### **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.

### **WRI 2601-2699 Special Topics in Creative Writing**

An intensive study of a particular area in creative non-fiction, literary journalism, poetry, fiction, or playwriting. Writing projects will be in the area of study. Class participation is essential. Prerequisite: WRI 1100. 3 credits. Offered as needed.

### **WRI 3010 Critical Writing and Literary Analysis**

This course will provide instruction and practice in close reading of literary texts; an introduction to the techniques of literary creation; practice in writing analytically and critically about works of literature; and an introduction to literary criticism as an aid to understanding and as a resource in extending the conversation about literature. Prerequisite: WRI 1100. 3credits.



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## Affiliated Courses of Study

*The following courses are offered with affiliates for students in the B.S. Radiography and the B.S. Physician Assistant programs. Courses are open only to students who are approved to pursue the specific programs. For specific course information, contact the Office of the Academic Dean at (718) 489-5324 or the appropriate academic department as noted below.*

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### Radiography Courses [BSR]

*For specific program or course information, contact one of the following:*

- *Biology and Health Promotions department in room 4318 or call (718) 489-5439.*
  - *Director of Pre-Health Profession, room 5200 or call (718) 489-5295 or (718) 489-5459*
  - *The Office of the Academic Dean, room 8312 or call (718)489-5495*
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#### **BSR 1000, Fundamentals of Radiologic Sciences**

A course of study designed to provide an overview of the foundations in radiography and the practitioner's role in the health care delivery system. Principles, practices and policies of the health care organization(s) are examined and discussed in addition to the professional responsibilities of the radiographer.

#### **BSR 1010 Medical Terminology**

This course is designed to introduce the student to terms used by health care professionals. A programmed learning approach to familiarize the student with various medical words, roots, prefixes, suffixes and their combining forms including abbreviations and their applications.

#### **BSR 1020 Human Structure and Function I**

Course is designed to establish a knowledge base in 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. Systems addressed in the first semester include cells, tissues, organs, integument, respiratory, skeletal, digestive, and muscular.

#### **BSR 1030 Introduction to Radiation Physics I**

This course is designed to establish a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter.

#### **BSR 1040 Patient Care in Radiologic Sciences**

This course will introduce the student to the basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency nursing procedures are described, as well as infection control, aseptic and nonaseptic techniques, medical emergencies Methods of Patient Care.

#### **BSR 1050 Radiographic Procedures I w/Lab**

This course will provide the knowledge base necessary to perform standard imaging procedures. It is a study of basic radiographic procedures and protocols with a practical and simulated "hands-on" class demonstrating and reinforcing anatomical positioning and its clinical applications.

#### **BSR 1060 Math for Health Sciences**

Course is designed to establish a knowledge base in general mathematics. The content will include a study of the real number system, fractions, decimals, percents, algebra of sets, exponents, linear equations, ratios and proportions, scientific notation, metric and SI systems, and temperature scales. Emphasis will be places on ratios and proportions in x-ray applications, direct, inverse and inverse-square proportions, the 15% rule and the reciprocity law.

#### **BSR 1070 Computer Applications**

This course provides an overview of computer applications including a brief introduction to computer concepts utilizing Microsoft Windows and Microsoft Office. In addition, the course will explore the Internet and the World Wide Web with special emphasis on its uses as it pertains to the health practitioner.

#### **BSR 1080 Clinical Education I**

Content and clinical educational experiences are designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments concepts of team practice, patient care and assessment, professional development, and competent performance of radiologic imaging and total quality management are discussed, examined and evaluated.

#### **BSR 1090 Ethics & Law in the Radiologic Sciences**

This course is designed to provide sequential development, application, analysis, integration and evaluation of ethical concepts and theories as they relate to the practice of radiography. It is also designed for the student to develop and use problem solving and critical thinking skills in discussion of the sources of law, causes of action and litigation processes related to the professional practice of radiologic technology. The inter-relatedness of standards of care, law, ethical standards and competence will be examined.

#### **BSR-1100 Image Analysis I**

This course is designed to provide a basis for analyzing radiographic images. Included are the importance of minimum imaging standards, discussion of a problem-solving technique for image evaluation and the factors that can affect image quality. Actual images will be used for demonstration and analysis.

## **BSR 1120 Human Structure and Function II**

Course is a continuation of BSR 1020 with an emphasis on nervous, endocrine, cardiovascular, lymphatic, urinary, and reproductive systems. Lectures will also include discussions on the senses, body defenses, body fluids, and development. Prerequisite: BSR 1020.

## **BSR 1130 Introduction to Radiation Physics II**

This course is designed to establish a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. Prerequisite: BSR 1030.

## **BSR 1135 Principles of Radiographic Exposure I.**

This course is a study of radiographic, fluoroscopic, mobile and tomography equipment requirements and design. Students will study the advanced aspects of radiographic technique and various imaging modalities. Prerequisites: BSR 1000 and BSR 1030.

## **BSR 1140 Pharmacology/Advanced Patient Care**

This course is designed to provide the advanced concepts of patient care. Routine and emergency patient care procedures are described, as well as infection control procedures using standard precautions. Basic concepts of pharmacology are discussed. The theory and practice of basic techniques of venipuncture and administration of diagnostic contrast agents and/or intravenous medications is included. The appropriate delivery of patient care during these procedures is emphasized. Prerequisite: BSR 1040.

## **BSR 1150 Radiographic Procedures II w/Lab**

This course continues with the basic skills needed to perform diagnostic radiographs including special studies their protocols and methodologies with a practical and simulated “hands-on” class demonstrating and reinforcing anatomical positioning and its clinical applications. It builds on knowledge learned in BSR 1050. Prerequisite: BSR 1050.

## **BSR 1180: Clinical Education II**

Content and clinical educational experiences are designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments concepts of team practice, patient care and assessment, professional development, and competent performance of radiologic imaging and total quality management are discussed, examined and evaluated. Prerequisite: BSR 1080.

## **BSR 1280: Clinical Education III**

Content and clinical educational experiences are designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments concepts of team practice, patient care and assessment, professional

development, and competent performance of radiologic imaging and total quality management are discussed, examined and evaluated. Prerequisite: BSR 1080.

## **BSR 2010 Radiographic Pathology**

Course is designed to introduce students to the pathologic appearance of common diseases in a variety of diagnostic imaging modalities. It also presents basic information on the pathologic process, signs and symptoms, diagnosis, prognosis of the various diseases, and how to make technical adjustments to produce diagnostic images when pathologies are present. Content includes the skeletal, respiratory, abdomen and gastrointestinal system, hepatobiliary, urinary, central nervous, cardiovascular, hemopoietic, reproductive, and endocrine systems, as well as, traumatic diseases.

## **BSR 2020: Radiation Biology and Advanced Protection**

The Radiation Biology content of the course provides an overview of the principles of the interaction of radiation with living systems. Correlates concepts studied in physics, biology, and physiology to offer an understanding of the effects of radiation on living organisms. Acute and chronic effects of radiation are discussed. There will be discussions of background radiation, effects of irradiation on the cells, embryo, radiosensitivity, radiation syndrome, radiation therapy, sources of ionizing radiation and pathologies. The Advanced Protection content of the course is designed to present an overview of the principles of radiation protection, including the responsibilities of the radiographer for patients, personnel and the public. Radiation health and safety requirements of federal and state regulatory agencies, accreditation agencies and healthcare organizations are incorporated.

## **BSR 2025 Cross Sectional Anatomy**

This course is a practical application of positioning with respect to anatomy, using surface landmarks to develop interpretations of three dimensional images. Prerequisites: BSR 1020 and BSR 1120.

## **BSR 2035 Principles of Radiographic Exposure II**

This course is a study of radiographic, fluoroscopic, mobile and tomographic equipment requirements and design. Students will study the advanced aspects of radiographic technique and various imaging modalities. Prerequisite: BSR 1135.

## **BSR 2050 Radiographic Procedures III w/Lab**

This is a course of advanced radiographic positions and special studies including protocols and methodologies including a practical and simulated “hands on” class demonstrating and reinforcing anatomical positioning and its clinical applications. This course builds on the basic procedures learned in BSR 1050 and BSR 1150. Prerequisite: BSR 1150.

## **BSR 2070 Mammography**

This is a specialized course of study detailing the radiographic examination of the breasts and related positioning and pathology. This course will provide both a historical view of mammography, including breast anatomy and physiology, positioning, compression, technique selection, patient education, quality control, and advanced imaging, including

implants and studies related to breast pathology and specialized views. The student will learn quality control, optimal functioning of dedicated mammography equipment including stereotactic needle biopsies and digital mammography; bone densitometry will also be discussed.

### **BSR 2080 Clinical Education IV**

Content and clinical educational experiences are designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments concepts of team practice, patient care and assessment, professional development, and competent performance of radiologic imaging and total quality management are discussed, examined and evaluated. Prerequisite: BSR 1280

### **BSR 2090 Quality Management**

A course of study which integrates federal and state standards integrated with policies and procedures including dosimetry monitoring, maintenance, evaluation of quality control and guidelines in radiology. Prerequisite: BSR 1090.

### **BSR 2100 Image Analysis II**

This course is designed to provide additional instruction regarding the analysis of radiographic images. Students will learn to determine if a radiograph has an adequate level of penetration in order to produce the desired level of contrast and if not, how to rectify the situation. They will also learn to apply the processes needed for properly evaluating radiographic images with a higher degree of critical thinking. Actual images will be used for demonstration and analysis. Prerequisites: BSR 1100.

### **BSR 2110 Image Analysis III/Registry Review**

This course is designed to provide additional instruction regarding the analysis of radiographic images. Students will learn to differentiate between technical factor problems, procedural factor problems, and equipment malfunctions. They will also learn to apply the processes needed for properly evaluating radiographic images with a higher degree of critical thinking; this will include both procedural and pathological factors and how to employ corrective actions if necessary.

Actual images will be used for demonstration and analysis. Prerequisite: BSR 2100.

### **BSR 2125 Special Procedures**

This course is designed to follow the patient care course as a capstone with the introduction of advanced modalities. Topics such as patient care, equipment, protocols, contrast agents and the anatomy associated with specific exams will be introduced. Prerequisite: BSR 1040.

### **BSR 2150 Radiographic Procedures IV w/Lab**

This is a course of advanced radiographic positions and special studies including protocols and methodologies including a practical and simulated “hands on” class demonstrating and reinforcing anatomical positioning and its clinical applications. This course continues from BSR 2050. Prerequisites: BSR 2050.

### **BSR 2180 Clinical Education V**

Content and clinical educational experiences are designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments concepts of team practice, patient care and assessment, professional development, and competent performance of radiologic imaging and total quality management are discussed, examined and evaluated. BSR 2080 continues through the final summer semester as BSR 2280. Prerequisite: BSR 2080.

### **BSR 2280 Clinical Education VI**

Content and clinical educational experiences are designed to sequentially develop, apply, critically analyze, integrate, synthesize and evaluate concepts and theories in the performance of radiologic procedures. Through structured, sequential, competency-based clinical assignments concepts of team practice, patient care and assessment, professional development, and competent performance of radiologic imaging and total quality management are discussed, examined and evaluated. BSR 2080 continues through the final summer semester as BSR 2280. Prerequisite: BSR 2180.

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## **Diagnostic Medical Sonography Courses [DMS]**

*For specific program or course information, contact one of the following:*

- *Biology and Health Promotions department in room 4318 or call (718) 489-5439.*
  - *Director of Pre-Health Profession, room 5200 or call (718) 489-5295 or (718) 489-5459*
  - *The Office of the Academic Dean, room 8312 or call (718)489-5495*
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### **DMS 1000 Medical Terminology**

This course will assist students to acquire the medical language required in any allied health profession. Etymology, the history of words, can help greatly in this kind of learning. Students discover that most medical words have been adopted from Latin and Greek and are thereby linked to one another. By learning these word elements and commonly used prefixes and suffixes, the student will be able to define most medical terms. The content of the course is organized according to a systematic survey of organ systems of the body. Graphic

illustration and parallel presentation of content in the text facilitates learning of medical terminology.

### **DMS 1020 Abdominal Sonography I and Lab**

This course introduces the student to sonographic imaging of the abdomen with a focus on relational anatomy of the abdominal organs. Emphasis is placed on the normal sonographic appearance of the abdominal organs and vasculature along with normal clinical and laboratory findings specific to the system. This includes the liver, gall bladder and

biliary system, pancreas, spleen, aorta, inferior vena cava and kidneys. Lecture time is complemented with instructor directed “hands-on” scanning in the student lab. The student will actively participate in the laboratory scanning, initially observing, then progressively assisting and performing scans under the direct supervision of a clinical instructor and/or sonographer. As the student progresses in abilities, clinical competencies will be evaluated in various exams. Case studies and imaging critique will be performed throughout the semester. Corequisite: DMS-1030.

### **DMS-1030 Abdominal Sonography I and Lab**

This course presents the basic concepts and principles of ultrasound physics as a foundation for understanding image interpretation. Students will learn the wave theory of sound and how it travels in various media. They will learn the principles of how piezoelectricity converts sound energy to electrical energy in ultrasound transducers. They will gain mastery of instrumentation of the equipment and know how to rule out artifacts from an image. They will gain an understanding of Doppler principles and how they relate to studying the hemodynamics of blood flow in the body. Students will learn by lecture, solving sample problems, and scanning images and phantoms in the student lab. Corequisite: DMS 1020.

### **DMS 1220 Cross Sectional Anatomy**

This course will enable the student to conceptualize the major organs and vessels in the thoracic and abdominopelvic cavities in tomographic sections, using transverse (axial) sagittal, coronal, and oblique sections. Portions of the neck and brain will also be studied. Emphasis will be placed on the anatomic relationships of the organs commonly scanned by sonography. **Co-requisites:** DMS 1000 and DMS 1020.

### **DMS 1410 Patient Care**

This course introduces the students to the fundamental principles of proper patient care. Content includes history of medical sonography, and the professional role of a medical sonographer in a lab. Concepts of sonographer – patient interactions will be emphasized; including, maintaining privacy, utilizing proper body mechanics and maintaining aseptic techniques. Students will learn about HIPPA regulations and multicultural considerations in patient treatment.

### **DMS 1620 Clinical Education I**

This lab course provides the students with their first exposure to abdominal and /or obstetrics-gynecologic and vascular scanning in a clinical setting (s). The clinical site may be hospital or private office based. Students will infiltrate their didactic courses, and will practice how to perform basic ultrasound exam protocols, and to safely and effectively operate ultrasound equipment. The students will be instructed on professional behavior expected in a lab, including attendance and dress code. They will be required to keep an hours log, a case log, case journals and the necessary evaluation forms. This course will be offered in the Junior Fall semester. Students will attend an assigned clinical site 2 days per week from 9 -5 for 15 weeks. Corequisites: All courses offered in the Junior Fall semester.

### **DMS 1025 Abdominal Sonography II and Lab**

This course is a continuation of abdominal sonography I with an emphasis on recognizing pathologic changes on ultrasound scans of organs in the upper abdomen. Students will review multiple images of various disease states and critically evaluate them using the sonographic criteria of “SSALT” – size, shape, acoustic characteristics, location and transonicity. Students will continue to actively participate in scanning one another in the student lab. This course will be offered in the Junior Spring semester, and will meet twice a week for 2 hours per session for 15 weeks. Pre-requisites: DMS 1020.

### **DMS 1310 Obstetrics and Gynecologic Sonography I and Lab**

This course is designed to familiarize students with normal sonographic imaging of the female reproductive system. They will learn the basic foundation of patient preparation, scanning techniques and protocols for performing obstetrics and gynecologic exams. Appropriate usage of transabdominal (TAS) and/or transvaginal (TVS) probes will be covered. Study content will include the normal anatomy of the female reproductive system, as well as its anatomic relationship to other structures in the pelvis. Various congenital anomalies of the uterus, fallopian tubes and ovaries will also be covered. Sonographic evaluation of normal first, second and third trimester pregnancies will be studied. Sonographic evaluation of abnormal first trimester will also be covered. Introduction of Neurosonology will be implemented, including normal anatomy of the neonatal brain. Lecture time is complimented with instructor directed “hands-on” scanning in the student lab. Pre-requisites: All courses offered in the Junior Fall semester.

### **DMS 1040 Sonographic Physics and Instrumentation II**

This course is a continuation of sonographic physics and instrumentation I. Students will gain a comprehensive knowledge of ultrasound physics and instrumentation. It will reinforce concepts and offer more advanced material in ultrasound theory and instrumentation, fluid hemodynamics, harmonics, cavitations, color flow Doppler spectral analysis, 3D and 4D ultrasound etc. An emphasis will be placed on preparing students to pass the Sonography Principles and Instrumentation (SPI) examination of the American Registry of Diagnostic Medical Sonographers (ARDMS) Prerequisite: DMS 1030.

### **DMS 1110 Medical Law and Ethics**

This course presents the student with the legal and ethical implications of working in medical facilities. The students will learn basic legal principles and doctrines such as torts, professional liability insurance, and informed consent. Ethical issues that health educators, students, and clinicians are faced with in daily practice will be covered. Liability, especially related to the imaging professions, will be emphasized.

### **DMS 1630 Clinical Education II**

This lab course enables the students to achieve some proficiency in obtaining basic images in abdomen and/or obstetrics and gynecologic scanning. Students should be able

to operate ultrasound equipment with a degree of ease, perform basic exams with supervision, and interact appropriately as a member of the ultrasound lab. This course will be offered in the Junior Spring semester. Students will attend an assigned clinical site 2 days per week for 15 weeks. Prerequisite: DMS 1620

### **DMS 2610 Clinical Education III**

Clinical Education III offers an extensive clinical experience in scanning abdomen and/or obstetrics and gynecology. Students are expected to incorporate all of their sonographic training, knowledge and experience acquired over the previous two semesters into this clinical rotation. Students will concentrate on achieving efficiency, self-confidence, ease of scanning and refinement of all acquired skills. They will prepare protocols of exams that they perform, and assemble a portfolio of representative cases. This course will be offered in the Junior summer semester. Students will attend an assigned clinical site 4 days per week, for 8 hours per day, for 8 weeks. Prerequisite: DMS 1630.

### **DMS 2010 Case Studies Critiques**

In this course, students will learn the components of a case study in ultrasound. The objective of the case study method is to present to the class, as accurately as possible, the most complete description of a sonographic examination. While the students are assigned to an ultrasound lab, they will assemble a portfolio of interesting cases. They will research the etiology of the disease or anomaly from medical books and journals. They will also correlate patient history, scanning techniques and protocols, proper positioning etc. They will also learn to critically analyze anatomical variants, normal, and pathological sonographic findings in images. This course will be offered in the Summer semester, and will meet once a week for 2 hours per session for 7 weeks.

### **DMS 2040 Pathophysiology**

The primary goal of this course is to teach the basic concepts underlying various pathologic processes. Students will learn the etiology of pathogenic changes and understand the mechanisms of disease. They will be presented with gross and microscopic specimens of organs and tissues affected by various diseases. These will be correlated with the patient's clinical symptoms, blood and immunologic tests. Students will be presented first with general pathologic principles and then will be taught systemic pathology with emphasis on those often encountered in clinical practice of diagnostic medical sonography.

### **DMS 2310 Obstetrics and Gynecologic Sonography II and Lab**

This course is a continuation of Obstetrics and Gynecologic Ultrasound I. This will cover more advanced topics, focusing on pathologic conditions that can be determined by gynecologic/obstetric ultrasound scanning. The student will learn to recognize abnormal and/or pathologic sonographic patterns of the uterus and adnexa and to correlate these with patient history and lab values. Normal and abnormal 2nd and 3rd trimester pregnancy sonography will be covered, including fetal number, position, and grade and location of the placenta. Students will learn the components of a complete anatomy scan, including the ultrasound appearance of the head, neck,

spine, heart, abdomen, pelvis, and extremities. Accurate assessment of gestational age through fetal biometry techniques will be covered. Complications of pregnancy will be also discussed including IUGR, congenital syndromes, fetal disorders, multiple gestations, and placental abnormalities. Fetal case studies will be presented in class. Abnormalities of the neonatal brain will be covered as well. The lectures will be complemented by scanning normal gynecology anatomy in the lab. Active scanning in Gynecologic pathology and in Obstetrics will be accomplished in the clinical courses of the curriculum. Prerequisite: DMS 1310.

### **DMS 2500 Adult Echocardiography and Lab**

This course provides a foundation for clinical echocardiography of the adult heart. A review of normal anatomy and physiology of the heart will be presented. Students will learn the elements of a normal echocardiogram, including standard echocardiographic views of the heart chambers, valves, muscles and the surrounding great vessels. They will learn adult cardiac scanning protocols, and how pathology manifests on an echocardiographic scan. They will be familiar with various modes of cardiac scanning, including M-Mode, color flow Doppler, power Doppler and continuous wave Doppler. Lecture time is complemented with instructor directed "hands-on" scanning in the lab. As the student progresses in abilities, clinical competencies will be evaluated. Case studies and imaging critique will be performed throughout the course. Prerequisites: DMS 1040.

### **DMS 2490 Research Seminar I**

This course and research paper will provide the students with basic elements of conducting research as a health professional. Students will learn how to formulate a research question and how to write a proposal. They will learn how to read, critique and summarize journal articles in ultrasound. Common statistical methods will be covered as well. With the assistance of the instructor, they will write their own research questions, proposals, and conduct an extensive literature review on a selected topic. They will prepare a presentation using power point and present their research papers to their classmates in the Spring semester. Prerequisite: DMS 1025.

### **DMS2640 Clinical Education IV**

This clinical education course will enable the student to infiltrate their echocardiographic didactic course, and practice how to perform adult/pediatric echocardiographic exam protocols. Emphasis will be on learning how to integrate the patient's cardiac history into the exam objectives, and how congenital or pathologic states manifest themselves in the heart and great vessels. (Some students will be provided with additional exposure to general and/or OB and/or vascular scanning). The clinical site may be a hospital, outpatient imaging center or private office. The students will be instructed on professional behavior expected at a clinical site, including attendance and dress code. They will be required to submit case reports, images and necessary evaluation forms. This course will be offered in the Senior Fall semester. Students will attend an assigned clinical site 2 days per week, for 8 hours per day, for 15 weeks. Prerequisite: DMS 2610.

## **DMS 2580 Vascular Ultrasound and Lab**

This course provides students with course content on the use of duplex Doppler ultrasound to interrogate the extra-cranial circulation of the brain, including the carotid arteries. It will also cover interrogation of the arterial and venous circulation of the upper and lower extremities, and the abdominal aorta. Normal and pathological conditions are discussed in correlation with physical and clinical findings. The student will actively participate in laboratory scanning in the lab. The lab sessions will be instructor-directed scanning experiences to achieve competency in this modality. Case studies and imaging critiques will be performed throughout the course. Prerequisite: DMS 1025.

## **DMS 2560 Sonography of Superficial Structures and Lab**

This course provides a basic foundation for ultrasound scanning of the thyroid glands, breast, prostate and scrotum. It will also include new applications in the field of musculoskeletal ultrasound, including rotator cuff of the shoulder, developmental dysplasia of infant hips and carpal tunnel imaging. Normal sonographic anatomy of these structures will be taught as well as common pathologic states found in these structures. Students will practice imaging these structures in the lab under the supervision of the instructor. Prerequisite: DMS 1020.

## **DMS 2520 Pediatric Echocardiography**

This course provides a foundation for clinical echocardiography of the pediatric heart. A review of normal anatomy and physiology of the heart will be presented. Students will learn the elements of a normal pediatric echocardiogram, including specialized echocardiographic views of heart chambers, valves, muscles and the surrounding great vessels. They will learn the scanning protocols, and how congenital and acquired pathology manifests on an echocardiographic scan. Prerequisite: DMS 2500.

## **DMS-2950 Research Seminar II**

This course is an extension of Research Seminars I, which provided the students with the basic elements of conducting research as a health professional. Students learned how to formulate a research question and how to write a proposal. They have read, critiqued and summarized journal articles in ultrasound. With the assistance of the instructor, they wrote their own research questions, proposals, and conducted an extensive literature review on a selected topic. They have prepared a presentation using power point and will present their research papers to their classmates in this course. (All research papers are to be submitted on the first day of the course.) Prerequisite: DMS 2310 and DMS 2500.

## **DMS 2970 Professional Development and Registry Preparation**

This course provides students with an array of topics on professionalism. The role of professional organizations and journals, continuing education, resume writing, interviewing skill and ergonomics at the workplace are among the topics discussed. Intensive reviews are performed to prepare students to take the American Registry Diagnostic Medical Sonography (ARDMS) examinations in sonographic physics and instrumentation, abdomen and superficial structures, and obstetrics/gynecology. Students will be given practice (mock) exams in the above topics.

## **DMS 2680 Clinical Education V**

This clinical education course will enable the student to infiltrate their echocardiographic didactic course, and practice how to perform adult/pediatric echocardiographic exam protocols. Emphasis will be on learning how to integrate the patient's cardiac history into the exam objectives, and how congenital or pathologic states manifest themselves in the heart and great vessels. (Some students will be provided with additional exposure to general and/or OB and/or vascular scanning). The clinical site may be a hospital, outpatient imaging center or private office. The students will be instructed on professional behavior expected at a clinical site, including attendance and dress code. They will be required to submit case reports, images and necessary evaluation forms. This course will be offered in the Senior spring semester. Students will attend an assigned clinical site 2 days per week, for 8 hours per day, for 15 weeks. Prerequisite: DMS 2540.

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## Physician Assistant [PAC] Courses

For specific program or course information, contact one of the following:

- Chemistry and Physics department in room 7202 or call (718) 489-5295.
  - Director of Pre-Health Profession, room 5200 or call (718) 489-5295 or (718) 489-5459
  - The Office of the Academic Dean, room 8312 or call (718)489-5495
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### **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.

#### **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.

#### **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.

#### **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.

#### **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.

#### **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.

#### **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.

#### **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.

#### **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.

#### **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.

#### **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.

## **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.

## **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.

## **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.

## **PAC 16 Clinical Pharmacology II**

This course covers the mechanism of action, pharmacodynamics, pharmacokinetics, 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.

## **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.

## **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.

## **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.

## **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.

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## **Radiologic Science Courses [RS]**

*For specific program or course information, contact one of the following:*

- *Biology and Health Promotions department in room 4318 or call (718) 489-5439.*
- *Director of Pre-Health Profession, room 5200 or call (718) 489-5295 or (718) 489-5459*
- *The Office of the Academic Dean, room 8312 or call (718)489-5495*

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### **RS 1101 Intro to RS including Ethics & Law**

An introduction to the field of radiology technology explains the guidelines of the program, developments of the field, organizational structure of the radiology department and an introduction to the standards for radiographers promoting professional conduct. This course also includes basic radiation protection, the value of patient rights and the role of the radiographer. Introductory law, the elements of malpractice and cause for actions, employment issues, contracts, litigation and the radiographers responsibility to deliver healthcare that us free from bias will also be discussed.

### **RS 1103 Patient Care & Pharmacology**

This course 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 and radiation protection are identified. This course also includes a systematic study of radiographic contrast agents as they are used in specific organ systems of the body. Basic concepts of pharmacology will be discussed. The theory and basic practice of basic techniques and venipuncture for the administration of diagnostic contrast agents and/or intravenous medications are included.

### **RS 1104 Medical Terminology**

Recognition of the elements of medical terminology. Prefixes, suffixes, root words in the singular and plural forms. Proper spelling of words, terminology used to describe special examinations, interpretations of abbreviations and symbols, as well as correct pronunciations of medical terms. Terms associated with radiographic positions, landmarks and all body systems will be discussed.

### **RS 1106, 1107 Radiographic Anatomy and Procedures I, II**

These courses provide the skills to perform radiographic examinations. Body positions, positioning terms, positioning aids, contrast media, and their application to positioning are discussed. Laboratory and clinical application of theoretical and practical concepts are performed where applicable. Areas studied include the skeletal system and more systems. Methods employed for pediatric and geriatric examinations are studied and discussed.

### **RS 1100, 1111 Radiographic Human Structure & Function I, II**

These courses provide the student with the components of cells, tissues, organs, and organ systems will be described and discussed.

## **RS 1114, 1115 Radiation Physics & Imaging Equipment I, II**

These courses provide the student with the knowledge of fundamental principles of mathematics essential for mastering radiographic physics, basic physics, mechanics, structure of matter, basic electricity, magnetism, electromagnetism, electrical physics, radiation physics, and basic x-ray circuitry. Production of ionizing radiation, interaction between x-rays and matter, aspects of the emission spectrum and radiation units of measurements are discussed. Radiographic equipment including the x-ray tube, fluoroscopy, and the imaging system as a whole will be discussed.

## **RS 1125, 1126, 1129 Clinical Education I, II, III**

A well designed and developed competency based education at supervised clinical education sites. This provides the students with an active role in developing the skills required to deliver high quality imaging services. Objective competency evaluations are used for consistent methods of measuring student outcomes for each ARRT mandated part. Students will begin their clinical experience observing the technologist, and as they progress, and students have been tested didactically, they will work with direct supervision until competency has been achieved. After competency has been achieved the student may work under indirect supervision.

## **RS 1131 Intro to Mammography**

This course provides students with the basic concepts of performing mammography. Areas studied include, anatomy and physiology of the breast, imaging techniques, pathology, standard and advanced positioning views, QA/QC of mammographic equipment and MQSA federal guidelines.

## **RS 2105 Advanced Radiation Protection & Radiological Biology**

An advanced level course designed to address the need for radiation protection, biological effects of ionizing radiation. Patient protection, personal radiation monitoring, and radiation

measuring instrumentation, as well as applicable state and federal laws. The interaction of radiation on biologic systems, and their correlation with concepts studied in Physics, Biology and Physiology. Acute and chronic effects of radiation are discussed.

## **RS 2108, 2109 Radiographic Anatomy & Pro III, IV**

These courses provide students with the skills necessary to perform radiographic examinations. Areas studied include body positions, positioning terms, positioning aids, contrast media and their applications to positioning methods of producing quality radiographs are discussed. Clinical applications of theoretical areas include the skeletal system and major organ systems, incorporating pediatric, geriatric examinations and special procedures are studied and discussed.

## **RS 2127, 2128, 2130 Clinical Education IV, V, VI**

A well designed and developed competency based education at supervised clinical education sites. This provides the students with an active role in developing the skills required to deliver high quality imaging services. Objective competency evaluations are used for consistent methods of measuring student outcomes for each ARRT mandated part. Students will begin their clinical experience observing the technologist, and as they progress, and students have been tested didactically, they will work with direct supervision until competency has been achieved. After competency has been achieved the student may work under indirect supervision.

## **RS 2133 Computers in Radiology Tech/Digital**

The use of computers in the health care setting and the specific use in the radiology and imaging department, including Computerized Radiography, Digital Radiography, and film screen radiography.

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## **Radiation Therapy Courses [SRT]**

*For specific program or course information, contact one of the following:*

- *Biology and Health Promotions department in room 4318 or call (718) 489-5439.*
  - *Director of Pre-Health Profession, room 5200 or call (718) 489-5295 or (718) 489-5459*
  - *The Office of the Academic Dean, room 8312 or call (718)489-5495*
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## **SRT 1000 Introduction to Radiation Oncology**

This course provides a survey of the field of Radiation Oncology. Though it covers a fairly comprehensive range of topics, it introduces students to fundamental concepts with simple explanations. At the end of the first semester the student will be conversant with general concepts enabling them to ask questions of instructors in the clinical setting. Subsequent courses will build on this foundation and progress to more specific information.

## **SRT 1010 Medical Terminology**

This course is designed to introduce the student to terms used by health care professionals. It will provide a programmed

learning approach to familiarize the student with various medical words, roots, prefixes, suffixes and their combining forms including abbreviations and their applications.

## **SRT 1020 Human Structure and Function I**

This course will introduce the student to anatomy of the human body with emphasis on anatomy-related physiology. Special attention will be given to the sites where cancer may originate and spread.

## **SRT 1030 Introduction to Radiation Physics I**

This course is designed to establish a basic knowledge of atomic structure and terminology. Also presented are the

nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter.

### **SRT 1040 Methods of Patient Care**

This course will introduce the student to the basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Routine and emergency nursing procedures are described, as well as infection control, aseptic and nonaseptic techniques, medical emergencies.

### **SRT 1045 Radiation Protection**

This course is designed to present principles of radiation protection and safety for the radiation therapist. Radiation health and safety requirements of federal and state regulatory agencies, accreditation agencies and health care organizations are incorporated. Specific responsibilities of the radiation therapist are discussed, examined and evaluated.

### **SRT 1050 Clinical Radiation Therapy**

This course is designed to prepare students to understand the basic concepts of radiation therapy treatment. It provides the student an opportunity to prepare set-up instructions for the competencies they are required to demonstrate.

### **SRT 1060 Math for Health Sciences**

This course is designed to establish a knowledge base in general mathematics. The content will include a study of the real number system, fractions, decimals, percents, algebra of sets, exponents, linear equations, ratios and proportions, scientific notation, metric and SI systems, and temperature scales. Emphasis will be placed on ratios and proportions in x-ray applications, direct, inverse and inverse-square proportions, the 15% rule and the reciprocity law.

### **SRT 1070 Computer Applications**

This course provides an overview of computer applications including a brief introduction to computer concepts utilizing Microsoft Windows and Microsoft Office. In addition, the course will explore the Internet and the World Wide Web with special emphasis on its uses as it pertains to the health practitioner.

### **SRT 1080 Clinical Education I**

This course is intended to provide an introduction to the hands-on practice of radiation therapy. Initially through observation, and eventually by demonstrating stated objectives, the student will apply principles learned in Orientation, Introduction to Radiation Oncology, and Methods of Patient Care, to the clinical setting. The student will be given the opportunity to acquire specific patient care skills, and will observe oncology nursing procedures and follow-up visits. Student achievement of course objectives is documented by the completion of monthly evaluations.

### **SRT 1090 Medical Ethics and Law**

This course is designed to provide sequential development, application, analysis, integration and evaluation of ethical concepts and theories as they relate to radiation therapy practice. It is also designed for the student to develop and use problem solving and critical thinking skills in discussion of the sources of law, causes of action and litigation processes related

to the professional practice of radiation therapy. The inter-relatedness of standards of care, law, ethical standards and competence will be examined.

### **SRT 1100 MEDICAL IMAGING AND PROCESSING**

This course is designed to establish a knowledge base in factors that govern and influence the production and recording of radiographic images. Radiation oncology imaging equipment and related devices will be included.

### **SRT 1120 Human Structure and Function II**

This course will introduce the student to anatomy of the human body with emphasis on anatomy-related physiology. Special attention will be given to the sites where cancer may originate and spread. Prerequisite: SRT 1020.

### **SRT 1130, Introduction to Radiation Physics II**

This course is designed to establish a basic knowledge of atomic structure and terminology. Also presented are the nature and characteristics of radiation, x-ray production and the fundamentals of photon interactions with matter. Prerequisite: SRT-1030.

### **SRT 1140 Pharmacology/Advanced Patient Care**

This course is designed to provide the advanced concepts of patient care. Routine and emergency patient care procedures are described, as well as infection control procedures using standard precautions. Basic concepts of pharmacology are discussed. The theory and practice of basic techniques of venipuncture and administration of diagnostic contrast agents and/or intravenous medications is included. The appropriate delivery of patient care during these procedures is emphasized. 3.0 credits. **Pre requisites:** SRT 1040 Methods of Patient Care

### **SRT 1150 Radiation Therapy Techniques I**

This course will provide the student with an overview of cancer and the specialty of radiation therapy. The historic and current aspects of cancer treatment will be covered. The roles and responsibilities of the radiation therapist will be discussed. In addition, treatment prescription, techniques and delivery will be covered.

### **SRT 1170, Pathology**

This course is designed to introduce the student to the concept of diseases. Emphasis will be placed on different types of growths, and causative factors. Etiology and clinical manifestations will also be described.

### **SRT 1180 Clinical Education II**

This course is intended to provide an introduction to the hands-on practice of radiation therapy. Initially through observation, and eventually by demonstrating stated objectives, the student will apply principles learned in Orientation, Introduction to Radiation Oncology, and Methods of Patient Care, to the clinical setting. The student will be given the opportunity to acquire specific patient care skills, and will observe oncology nursing procedures and follow-up visits. Student achievement of course objectives is documented by the completion of monthly evaluations. Prerequisite: SRT 1080.

## **SRT 1190 Clinical Dosimetry**

This course is designed to establish factors that influence and govern clinical planning of patient treatment. Included are isodose description, patient contouring, radiobiologic considerations, dosimetric calculations, compensation and clinical application of treatment beams. Optimal treatment planning is emphasized along with particle beams. Attention is given to the rationale, theory and calculations for each method. Class demonstrations and projects are incorporated to complement specific content areas and are focused on clinical applications. In addition, students will be assigned a one month clinical rotation in the treatment planning department.

## **SRT 1280 Clinical Education III**

This course is designed to provide an opportunity for the student to apply his or her recently completed didactic course work to the clinical setting. In addition to expanded objectives and competencies on the treatment units and in the simulator, the student will be responsible for quality assurance and operation of the computer console interface. Prerequisite: SRT 1180.

## **SRT 2020 Radiation Biology**

This course is designed to present basic concepts and principles of radiation biology. The interactions of radiation with cells, tissues and the body as a whole and resultant biophysical events will be presented. Discussion of the theories and principles of tolerance dose, time-dose relationships, fractionation schemes and the relationship to the clinical practice of radiation therapy will be discussed, examined and evaluated.

## **SRT 2030 Radiation Physics I**

This course is designed to review and expand concepts and theories in radiation physics. Detailed analysis of the structure of matter, properties of radiation, nuclear transformations, brachytherapy, x-ray production and interactions of ionizing radiation are emphasized. Also presented are measurements and quality of ionizing radiation, absorbed dose measurement, quality assurance and responsibilities of radiation workers. Prerequisites: SRT-1060 and SRT-1190.

## **SRT 2040 Chemotherapy/Nursing Oncology**

This phase of the course will construct a strong foundation in the area of patient care expressly for patients undergoing a course of radiation therapy. This will include skin care, dietary recommendations, expected and unexpected reactions, as well as psychological considerations. The second phase of the course will present the basics of chemotherapy and how it may affect care required for the radiation therapy patient. The second phase of the course will present the basics of chemotherapy and how it may affect care required for the radiation therapy patient. Prerequisites: SRT 1140.

## **SRT 2050 Radiation Therapy Techniques II**

This course is designed to examine and evaluate the management of neoplastic disease using knowledge in arts and sciences, while promoting critical thinking and the basis of ethical clinical decision making. Oncologic emergencies and management of such will be discussed. The radiation therapist's

responsibility in the management of neoplastic disease will be examined and linked to the skills required to analyze complex issues and make informed decisions while appreciating the character of the profession. Prerequisite: SRT-1150.

## **SRT 2080 Clinical Education IV**

This course will provide an opportunity for the student to demonstrate mastery of treatment delivery. Emphasis is placed on the student's ability to monitor patient condition and reactions to treatment, and to instruct patients appropriately. Stress is put on the student's ability to evaluate beam films and take appropriate action. The student will continue to demonstrate competencies and be responsible for all items on the competency evaluation including operating the machine console and documenting treatment. Prerequisite: SRT 1280 Clinical Education III.

## **SRT 2090 Quality Assurance**

This course is designed to enable the student to comprehend quality management as it relates to aspects of radiation therapy. Quality management protocols will be presented as they apply to patient care, record keeping, documentation, and equipment and radiation output.

## **SRT 2130 Radiation Physics II**

This course reviews and expands concepts and theories in radiation physics introduced in SRT 2030 and introduce students to the application of Dosimetry to Radiation Treatment Planning. Detailed analysis of the structure of matter, properties of radiation, nuclear transformations, brachytherapy, x-ray production and interactions of ionizing radiation are emphasized. Also presented are measurements and quality of ionizing radiation, absorbed dose measurement, quality assurance and responsibilities of radiation workers. Prerequisites: SRT-1060 and SRT-1190.

## **SRT 2140, New Methods and Modalities**

This course is designed to assure a complete understanding of new technologies available in the treatment of cancer. The course includes equipment specifications, procedural steps, role in patient care, advantages and disadvantages, and alternatives.

## **SRT 2150 Radiation Therapy Techniques III**

This course is designed to examine and evaluate the management of neoplastic disease using knowledge in arts and sciences, while promoting critical thinking and the basis of ethical clinical decision making. Oncologic emergencies and management of such will be discussed. The radiation therapist's responsibility in the management of neoplastic disease will be examined and linked to the skills required to analyze complex issues and make informed decisions while appreciating the character of the profession. Prerequisites: SRT-2050.

## **SRT 2180 Clinical Education V**

This course will provide an opportunity for the student to demonstrate mastery of treatment delivery. Emphasis is placed on the student's ability to monitor patient condition and reactions to treatment, and to instruct patients appropriately. Stress is put on the student's ability to evaluate beam films and take appropriate action. The student will continue to demonstrate competencies and be responsible for all items on

the competency evaluation including operating the machine console and documenting treatment. Prerequisite: SRT 2080.

### **SRT 2190 CT/HYPERThERMIa**

This course is designed to examine and evaluate the role of hyperthermia in the treatment of neoplastic disease. Students are introduced to medical imaging methods. They will identify anatomical structures through several imaging formats. Anatomic relationships will be compared using topographical and cross-sectional anatomy.

### **SRT 2280 Clinical Education VI**

This course is designed to provide an opportunity for the student to demonstrate mastery of treatment delivery. Emphasis is placed on the student's ability to function as a full member of the treatment team. While the student is supervised at all times, tasks should be performed in a self-directed manner. Students are expected to complete terminal competencies. They may be tested, on routinely encountered competencies, without notice. Pre requisites: SRT 2180.





**ADDITIONAL  
INFORMATION**

# Board, Administration, and Faculty

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## Administration

*Throughout the following section, the cross (†) represents employees who have received the President's Award for 15 years or more of service to the College.*

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Brendan J. Dugan, President, B.B.A. St. Francis College

### **Department Heads**

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Allen J. Burdowski, Dean of Academic Program Development; B.A., Hunter College; Ph.D., New York University  
Michele S. Hirsch, Assistant Academic Dean; B.A., SUNY Stony Brook; M.A., Adelphi University; Ph.D., SUNY Stony Brook  
Monica Michalski, Assistant Dean of Freshman Studies and Academic Advisement; B.A., St. Francis College; M.A., Teachers College, Columbia University

#### **Academic Department Chairpersons**

Dennis Anderson, Chairperson, Management and Information Technology; B.A., Fordham University; Ed.M., Teachers College, Columbia University; M.S., New York University; M. Phil., Ph.D., Columbia University  
Sophie Berman, Chairperson, Philosophy and Religious Studies; B.A., University of Paris-Nanterre; M.A., University of Toulouse; Ph.D., Fordham University  
Suzanne Forsberg, Chairperson, Foreign Languages, Fine Arts, and International Cultural Studies; B.Mus., University of Utah; A.M., Harvard University; Ph.D., New York University  
Richard A. Giaquinto, Chairperson, Education; B.A., M.S., Brooklyn College; Ph.D., Fordham University

Lynne Jackson, Chairperson, Communication Arts; B.A., University of Florida; B.A., University of Alabama; M.A., Ph.D., New York University  
Jennifer M. Lancaster, Chairperson Psychology; B.A., University of South Florida; M.A., Ph.D., Hofstra University  
Jaskiran Mathur, Chairperson, Sociology, Criminal Justice and Social Studies; B.A., M.A., Delhi University; Ph.D., Indian Institute of Technology  
Carmine Nogara, Chairperson, Accounting and Business Law; B.B.A., Pace University; M.B.A., St. John's University; C.P.A. (New York), D.P.S., Pace University  
Kathleen Nolan, Chairperson, Biology & Health Promotion; B.S., Northeastern University; M.A., City College; Ph.D., CUNY Graduate Center  
Fotios C. Paliogiannis, Chairperson, Mathematics; B.Sc., University of Patras; Ph.D., The Graduate School and University Center of the City University of New York  
Paddy Quick, Chairperson, Economics, History and Political Science; B.A., Oxford University; M.A., Ph.D., Harvard University  
Susan Saladino, Chairperson, Nursing; B.S.N., SUNY Stony Brook; M.A., Ph.D., New York University  
A. Edward Wesley, O.S.F., Chairperson, English; B.A., St. Francis College; M.A., Ph.D., University of Notre Dame  
Evelyn A. Wolfe, Chairperson, Chemistry and Physics; B.S., M.S., Long Island University; Ph.D., Graduate School and University Center, CUNY

### **Admissions**

Lisa Esposito, Associate Director of Admissions; B.A., St. Francis College; M.S., Capella University





## Alumni Relations

Dennis McDermott, Director of Alumni Relations; B.S., St. Francis College; M.S., Brooklyn College, CUNY

## Athletics

†Irma Garcia, Athletic Director; B.S., St. Francis College

## Assessment Director

Michele S. Hirsch, Professor of Psychology; B.A., SUNY Stony Brook; M.A., Adelphi University; Ph.D., SUNY Stony Brook

## Campus Ministry

Brother Thomas Grady, O.S.F., Director of Campus Ministry; B.A., St. Francis College; M.A., Duquesne University

## Career Development Center

Naomi Kinley, Director of Career Development; B.A., Pennsylvania State University; M.A., University of California, Los Angeles

## Chancellery

†Frank J. Macchiarola, Chancellor and Professor of Political Science and Philosophy. B.A., 1962, L.H.D., 1981, St. Francis College; LL.B (J.D.). 1965, Ph.D., 1970, Columbia University; L.H.D., 1983, Staten Island College of the City University of New York, St. Joseph's College, 1999, Fordham University, 2009; LL.D., Manhattan College, 1983, Dominican College, 1983, Molloy College, 1999.

## Development

Thomas Flood, Vice President for Development; B.A., Boston College

## Enrollment Services

Joseph Cummings, Assistant Vice President for Enrollment Management Services; B.S., Pace University; M.S., Capella University

## Executive Vice President

June Carroll McGrisken, Executive Vice President; B.A., St. Francis College; M.B.A., Fordham University; C.P.A.

## Facilities Management

Kevin O'Rourke, Assistant Vice President for Capital Projects and Facilities Management; B.S., SUNY Farmingdale; M.S., Polytechnic University

## Faculty Athletic Representative

Jennifer Lancaster, Associate Professor of Psychology; B.A., Providence College; M.A., Ph.D., The Graduate School and University Center, CUNY

## Finance

John Ragno, Assistant Vice President for Finance; B.A., Atlantic University; M.B.A., Dowling College; C.P.A.

## Government and Community Relations

Linda Werbel Dashefsky, Vice President of Government and Community Relations; B.A., University of Michigan; J.D., Brooklyn Law School

## Honors Program

Ian Maloney, Ian Sadlier Maloney, Associate Professor of English; B.A., Providence College; M.A., Brooklyn College; Ph.D., CUNY Graduate Center

## Human Resources

Richard Coladarci, Assistant Vice President for Human Resources and Organizational Development; B.A.; Mary Washington College; M.A. George Washington University

## Information Technology

Guy F. Carlsen, Chief Information Officer; B.A., St. Michael's College; M.P.A., Pace University

## Institutional Research and Planning

Steven Catalano, Director of Institutional Planning and Research; B.A., M.A., Brooklyn College, CUNY

## Library

James P. Smith, Director of Library Services; B.A., University of Montana; M.A., Antioch University; M.A., University of Chicago; Ph.D., Long Island University

## Media Relations

Richard Relkin, Director of Media Relations; B.A., SUNY Binghamton

## Pre-Health Professions Program

Allen Burdowski, Professor of Biology and Information Technology; B.A., Hunter College; Ph.D., New York University

## Registrar

Roxanne J. Persaud, Registrar; B.S., M.S. Ed., Pace University

## Special Events

Robert Oliva, Director of Special Events; B.A., St. Francis College

## Student Activities

Ruben Gonzalez, Associate Director; B.S., St. Francis College

## Student Affairs

Cheryl Howell, Dean of Students; B.A., Pace University; M.S., Fordham University; Ed.D., Dowling College

## Student Financial Services

Maria Caramico, Associate Director of Financial Aid; B.S., St. Francis College; M.S., Capella University  
Joseph Kelly, Associate Director of Student Accounts; B.S., Baruch College;

## Student Health Services

Deborah Seaton, Director of Student Health Services; B.S., St. Francis College; L.P.N.

## Study Abroad Program

Francis J. Greene, Professor of Foreign Languages, Fine Arts, and International Cultural Studies; Co-Director of Study Abroad Program A.B., St. Peter's College; M.A., Brooklyn College, CUNY; M.A., Ph.D., Rutgers University

Jennifer Wingate, Assistant Professor of fine Arts; Co-Director of Study Abroad Program; Assistant Professor of Fine Arts;

B.A., Williams College; Ph.D., SUNY Stony Brook

## Women's Studies Center

Emily Horowitz, Associate Professor of Sociology;  
Co-Director; Women's Studies Center; B.A.,  
Bard College; M.Phil., M.A., Ph.D., Yale University  
Athena Devlin, Associate Professor of English; Co-Director;  
Women's Studies Center; B.A., Barnard College; M.A.,  
Ph.D., University of Massachusetts at Amherst

## Writing Program Director

Ian Sadlier Maloney, Associate Professor of English; B.A.,  
Providence College; M.A., Brooklyn College; Ph.D.,  
CUNY Graduate Center

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## Faculty

*Throughout the following section, the asterisk (\*) represents faculty who have received the Pax et Bonum Medal for 15 years or more of service to the College. This list reflects information provided by Human Resources as of July 2011.*

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- Dennis Anderson, Professor of Management and Information Technology; B.A., Fordham University; Ed.M., Teachers College, Columbia University; M.S., New York University; M. Phil., Ph.D., Columbia University
- \*Steven Anolik, Professor of Psychology; B.A., University of Connecticut; M.A., Queens College; Ph.D., Ohio State University
- \*Richard Berleth, Professor of Communication Arts; B.A., Colgate University; M.A., Ph.D., Rutgers University
- Sophie Berman, Associate Professor of Philosophy; B.A., University of Paris-Nanterre; M.A., University of Toulouse; Ph.D., Fordham University
- Kristy Biolsi, Assistant Professor of Psychology; B.S., Long Island University; Ph.D., University of California-Santa Cruz
- Allen J. Burdowski, Professor of Biology and Information Technology; B.A., Hunter College; Ph.D., New York University
- Filomena Califano, Associate Professor of Chemistry; B.S., University of Naples; M.S., University of Salerno; Ph.D., CUNY Graduate Center
- \*James E. Corrigan, Professor of Biology; B.S., St. Francis College; M.S., Long Island University; Ph.D., New York University
- Maureen Coughlin, Professor of Management; B.B.A., Baruch College; Ph.D., CUNY Graduate Center
- Gerard Davidson, Associate Professor of Chemistry; B.Sc., University of Glasgow; Ph.D., University of Massachusetts
- Athena Devlin, Associate Professor of English; B.A., Barnard College; M.A., Ph.D., University of Massachusetts at Amherst
- \*Arthur DiClementi, Lecturer of Mathematics; B.A., St. Francis College; M.S., M.S.E., Long Island University; Ed.D., St. John's University
- John R. Dilyard, Associate Professor of Management; B.A., College of Wooster; M.A., American University; M.B.A., University of Pennsylvania; Ph.D., Rutgers University
- Jason Dubow, Lecturer of English; B.A., Hampshire College; M.F.A., University of Michigan
- Timothy Dugan, Assistant Professor of Communication Arts; B.A., Temple University; M.F.A., Carnegie Mellon University; Ph.D., Drew University
- Starr Eaddy, Assistant Professor of Allied Health; B.A. State University of New York at Stony Brook; M.S., University of North Texas; Ph.D., Texas Women's University
- Barbara Edington, Associate Professor of Information Technology; B.S., Albright College; M.B.A., Temple University; D.P.S., Pace University
- Irina Ellison, Assistant Professor of Biology; B.A., Vassar College; Ph.D., New York Medical College, Graduate School of Basic Medical Sciences
- Jean Ende, Special Lecturer of Business Administration; B.A., City College; M.B.A., Columbia University
- \*Suzanne Forsberg, Professor of Fine Arts; B.Mus., University of Utah; A.M., Harvard University; Ph.D., New York University
- \*Virginia A. Franklin, Associate Professor of English; B.S., City College; Ph.D., New York University
- Marina Gair, Assistant Professor of Education; B.A., Ph.D., Arizona State University
- \*Gerald J. Galgan, Professor of Philosophy; B.A., Cathedral College; M.A., Ph.D., Fordham University
- Wendy Galgan, Assistant Professor of English; B.A., City University of New York; M.L.A., Pratt Institute; Ph.D., CUNY Graduate Center
- Theo Gangi, Lecturer of English; B.A., Goucher College; M.F.A., Columbia University
- Brother Gary Gaynor, O.S.F., Assistant Professor of Mathematics; B.S., St. Francis College; M.S., Adelphi University
- David Gewirtz, Lecturer of Communication Arts; B.A., SUNY Cortland; M.A., New School for Social Research
- Richard A. Giaquinto, Professor of Education; B.A., M.S., Brooklyn College; Ph.D., Fordham University
- \*Uwe P. Gielen, Professor of Psychology; B.A., Freie Universität Berlin; M.A., Wake Forest University; Ph.D., Harvard University
- \*Ellen L. Glascock, Professor of Health Care Administration; B.A., Connecticut College; M.F.A., University of North Carolina, Greensboro; M.P.A., Ph.D., New York University
- \*Peter Gomori, Professor of Management; B.A., City College; M.B.A., Baruch College, M.Phil., Ph.D., CUNY Graduate Center

- \*Renee Goodstein, Professor of Psychology; B.A., University of Richmond; M.A., Ed.M., Teachers College, Columbia University; Ph.D., Fordham University
- \*Francis J. Greene, Professor of Foreign Languages, Fine Arts, and International Cultural Studies; A.B., St. Peter's College; M.A., Brooklyn College; M.A., Ph.D., Rutgers University
- Sara Haviland, Assistant Professor of History; B.A. Mount Holyoke College; Ph.D., Rutgers University
- Robin S. Helburn, Assistant Professor of Chemistry; B.S. SUNY Syracuse; Ph.D., Colorado School of Mines
- Michele S. Hirsch, Professor of Psychology; B.A., SUNY Stony Brook; M.A., Adelphi University; Ph.D., SUNY Stony Brook
- \*Geoffrey R. Horlick, Professor of Accounting; B.S., Syracuse University; M.B.A., University of Michigan; Ph.D., Texas A&M University; C.P.A. (Maryland)
- Emily Horowitz, Associate Professor of Sociology; B.A., Bard College; M.Phil., M.A., Ph.D., Yale University
- Timothy J. Houlihan, Associate Professor of History; A.B., Hamilton College; M.A., Ph.D., State University of New York at Binghamton
- Julio Huato, Associate Professor of Economics; B.A., University of Havana; M.A., New School for Social Research; Ph.D., CUNY Graduate Center
- \*Lynne Jackson, Professor of Communication Arts; B.A., University of Florida; B.A., University of Alabama; M.A., Ph.D., New York University
- Michael Kaune, Professor of Criminal Justice; B.S., M.S., Northeast Louisiana State University; Ph.D., Sam Houston State University
- Esther Klein, Associate Professor of Information Technology; B.B.A/M.B.A., Baruch College; Ph.D., CUNY Graduate Center
- Jennifer M. Lancaster, Associate Professor of Psychology; B.A., University of South Florida; M.A., Ph.D., Hofstra University
- Vincent Lee, Assistant Professor of Management; B.S., Fordham University; M.S., Indiana University; M.B.A., St. John's University; Ph.D., Indiana University
- Peter Leibman, Associate Professor of Education; B.A., St. Francis College; M.A., City University; Ed.D., St. John's University
- Steven Lipson, Professor of Biology; B.S., M.S., Long Island University; Ph.D., New York University
- John Lombardo, Assistant Professor of Accounting; B.B.A., Baruch College; M.B.A., Wagner College, C.P.A. (New York)
- John McNamara, Associate Professor of Education; B.S., M.S., University of Alberta; Ph.D., Temple University
- Mark P. McSherry, Lecturer of Communication Arts; M.B.A., University of Edinburg
- Ian Sadlier Maloney, Associate Professor of English; B.A., Providence College; M.A., Brooklyn College; Ph.D., CUNY Graduate Center
- Jaskiran Mathur, Associate Professor of Sociology; B.A., M.A., Delhi University; Ph.D., Indian Institute of Technology
- Amulya Mohan, Assistant Professor of Biology; B.S., Bundelkhand University; M.S., Avadh University; Ph.D., Avadh University
- Sintia Molina, Associate Professor of Spanish; B.A., Brooklyn College; M.Ph., Ph.D., CUNY Graduate Center
- Carmine Nogara, Associate Professor of Accounting; B.B.A., Pace University; M.B.A., St. John's University; C.P.A. (New York), D.P.S., Pace University
- \*Kathleen Nolan, Professor of Biology; B.S., Northeastern University; M.A., City College; Ph.D., CUNY Graduate Center
- Fotios C. Paliogiannis, Professor of Mathematics; B.S., University of Patras; Ph.D., CUNY Graduate Center
- \*K. Priscilla Pedersen, Professor of Religious Studies; B.A., Bryn Mawr College; M.A., M.Phil., Ph.D., Columbia University
- Deinya Phenix, Assistant Professor of Sociology and Criminal Justice; B.A., Williams College; M.A., University of New Mexico; Ph.D., New York University
- Nickie Phillips, Assistant Professor of Sociology and Criminal Justice; B.S., Belmont University; M.A., John Jay College; Ph.D., CUNY Graduate Center
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- \*Paddy Quick, Professor of Economics; B.A., Oxford University; M.A., Ph.D., Harvard University
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- \*Owen Sadlier, O.S.F., Assistant Professor of Philosophy, B.A., St. Francis College; M.A., University of Notre Dame
- Susan Saladino, Professor of Nursing; B.S.N., SUNY Stony Brook; M.A., Ph.D., New York University
- Miriam Salholz, Assistant Professor of Accounting; B.A., Brandeis University; J.D., NYU School of Law; LL.M., New York University School of Law; Diplôme Supérieur d'Université, University of Paris 2
- \*Sister Marianne Sennick, CSJ, Associate Professor of Political Science; B.S., Brentwood College; M.A., Brooklyn College; Ph.D., New York University
- Gerald Shaw, Associate Professor Physical Education of Education; B.A., SUNY at Binghamton; M.A., Ed.D., Columbia University
- Erez Shochat, Associate Professor of Mathematics; B.S., St. Francis College; M.Phil., Ph.D., CUNY Graduate Center
- Fred Siegel, Visiting Scholar; B.A., Rutgers; Ph. D., University of Pittsburgh
- Corinne Smolizza, Lecturer in Information Technology; B.A., St. John's University; M.B.A., Adelphi University
- \*Frank M. Sorrentino, Professor of Political Science; B.A., St. John's University; M.A., Ph.D., New York University
- Behrouz Tabrizi, Associate Professor of Economics; B.A., Aligarh Muslim University; M.A., Ph.D., Jawaharlal Nehru University, New Delhi, India
- \*Gregory F. Tague, Professor of English; B.A., Brooklyn College; M.A., Hunter College; M.Phil., Ph.D., New York University
- Alan Udoff, Professor of Philosophy; Professor of Religious Studies; B.A., St. Francis College; M.A., Catholic University of America; Ph.D., Georgetown University
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Sandy Westcott, Associate Professor of Information Technology; A.A.S., New York City Technical College; B.B.A., M.S., Pace University, B.B.A., D.P.S., Pace University

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Robert Wu, Assistant Professor of Accounting and Business Law; B.S., University of Akron; M.B.A., Case Western Reserve University; M.S., University of Pennsylvania; J.D., St. John's University School of Law.

## Adjunct Faculty

*This list reflects information provided by Human Resources as of July 2011.*

### Accounting and Business Law

Bashian	James
Brooks	Jeremy
Buttafuoco	Paul
Celano	Louis
Dennison	Robert
Gavales	Zeno
Kornfeld	Janet
Lesman	Michael
Rodriguez	Sherry
Silverman	Robert
Stonier	Jo Ann

### Biology and Health Promotion

Aarons	Sigrid
Ates	Meltem
Axis	Josephine
Barjis	Isaac
Bolnet	Gina
Braun	Alexander
Butters	Marva
Castellanos	Raquel
Congo	Michaela
Douglas	Jeffrey
Dugan	Maureen
Eme	Eke
Esfarayeni	Maryam
Falotico	Andrea
Friedman	Michael
Gutierrez	Noah
Hanson	Natalia
Haque	Nasreen
Harris	Kristina
Hernandez	Matthew
Johnson	Barbara
Kendall	Brian
Kenny	Sabrina
McCarthy	Kevin
Medina-	
Ramirez	Christina
Moore	A. Gerry
Nicolas-	
Bolnet	Carolle
Samarrai	Walied
Samms	Michael
Sharif	Setareh
Shen	Chang-Hui
Wendt	Raymond

Wiers	Brook
-------	-------

### Chemistry and Physics

Adebayo-	
Olojo	Esther
Arafat	Abdel
Bass	Yakov
Katash	Irit
Linkus	Matthew
Slinin	Evgeniy
Suozzi	Anne
Telting-Diaz	Martin
Terebessy	John

### Communication Arts

Coulanges	Carl
Efteriades	Nick
Ferullo	Andrew
Grant	Kathryn
Helfer	Richard
Juliano	Katie
Karels	Martina
Kelly	Nancy
Lewis	Jori
Malfitano	Christine
Marino	Stephen
Maulucci	Damon
Minor	Laura
Moloney	Joseph
Shaw	Susan
Thompson	Elaine
Turner	James
Yannacanedo	Natasha

### Economics, History, Political Science and Social Studies

Callahan	Eugene
Capano	Robert
Carey	Ryan
Charles	Robert
Clement	Geoffrey
Clement	Paul
Cozine	Donald
Dunham	John
Fleischer	Lawrence
Golembiewski	Erin
James	David
Johnson	Kiron
Kaczynski	Charles



Lamoureux David  
 Lewis Elita  
 Mathieu Edwin  
 McElderry Christina  
 McNamara Patrick  
 Ozsoz Emre  
 Pineda Percival  
 Randall David  
 Rhoehheit R  
 Rosof Patricia  
 Sennick Marianne  
 Simonsen Judith  
 Surillo-Luna Grisel  
 Tesfamichael Meron  
 Tester Robert  
 Tippit Ross  
 Weinstein Aaron  
 Weinstock Ira  
 Williams Kareen  
 Witkowski Peter

Education

Burke Marguerite  
 DiFiore John  
 Gonzalez Ruben  
 Hagouel Nicole  
 Kurtin Anthony  
 Leibman Eileen  
 Maxwell  
 Ordain Ricardo  
 Mullin John  
 Protano Ralph  
 Quigley Cathal  
 Robinson Unseld  
 Sequeira Keith  
 Sheehan Marianne  
 Verna Marilyn

English

Afzal Ghazala  
 Albrecht Elizabeth  
 Bove Robert  
 Breslin Edward  
 DeJesus Raymond  
 DiDonato Jill  
 Hagood Caroline  
 Harvkey Michael  
 Havercome Van  
 Lane Johanna  
 Levenberg Mitchell  
 Louzonis Joseph  
 Mescall Francis  
 Morrone Peter  
 Paolucci Lisa  
 Quinn James  
 Reeck Matthew  
 Simmons Paulanne

Williams Anthony

Foreign Languages, Fine Arts, and International Cultural Studies

Castillo Jose  
 Coburn Steven  
 Cuevas Maximiliano  
 Davis Susan  
 Del Busto Esther  
 El-Ayouty Yassin  
 Espinosa Silvia  
 Fontana Michael  
 Hawkins Judith  
 Kaminski Michael  
 McClellan Robinson  
 Merouani Bahia  
 Mesa Juan  
 Quigley Dominic  
 Rivero Rafael  
 Schrock Timothy  
 Shea Judith  
 Skrill Howard  
 Wiener Simonetta

Management and Information Technology

Aikins Augustus  
 Akinyemi Julius  
 Barrett Everton  
 Best Simon  
 Blackwood Martina  
 Catalano Steven  
 Cato Stephanie  
 Chauca Jaime  
 Cornforth Brian  
 Daly Kenneth  
 D'Esposito Frank  
 Diodato Anthony  
 Donahue Carolina  
 Fazio James  
 Giardino Charles  
 Honig Leonard  
 Jordan Leonard  
 Krengiel Daniel  
 McCabe John  
 McNamee Daniel  
 Melhem Ahmed  
 Miller-  
 Greaves Tarshene  
 Mulligan Donald  
 Nealand MaryBeth  
 Oren Anthony  
 Paguaga James  
 Plotsker Marc  
 Quinn Kelly  
 Robertson Jeannette  
 Schroeder Katja  
 Simon Michael

Sloane	Robert
Tamparo	William
Valcin	Wilson
Weisman	Susan
Williams	Antoinette

Weiss	Dena
Wilkins	Shane
Yegge	Jonathan
Youngman	Mark

Mathematics

Ahmed	Mostaque
Malijan	Eric
Mangano	Raymond
Manniello	Andrew
Saint Jean	Lavoizier
Salts	Nigel
Schaefer	Robert
Schaefer	Robert
Seaton	Marlon
Tamari	Ebrahim
Zaderman	Vitaly

Nursing

Bove	Anne
Gonzalez	Mary
Kehoe	Eleanor
Kontzamanis	Emma
Lezama-Clark	Yolanda
Martin	Mary Lou
Valenti	Michael

Philosophy and Religious Studies

Brown	Harold
Carrano	Michael
Chalier	Jonathan
Dick	Charles
Egler	Alexandria
Farley	Gerard
Fried	Ezra
Golub	Jeffrey
Hartling	Jeffrey
Hurst	Elaine
Imparato	Daniel
Khan	Faraz
La Forge	Genevieve
Long	Richard
Maione	Louis
Marino	Joseph
Mixon	Rex
Moser	Anna
Mosher	Lucinda
Mumper	David
Ozele	Anthony
Pacia	John
Perricone	John
Sadlier	Owen
Smith	Nicholas
Vaisfeld	Alina
Wasilewski	Marek

Psychology

Alexander	Athalie
Alicea	Jason
Anger	Michelle
Bourgeois	Sharon
Conigliaro	Jaclyn
DePalo	Cristine
Magdaleno	Evelyn
Maslanka	Halina
McKay	Shivonne
Michalski	Monica
Miller	Estelle
Moody	Anissa
Mora	Louis
Pagan-Guzman	Monica
Pellman	Julie
Petrosino	Danielle
Sottile	Giuseppe
Spero	Traci
Watson	Kimberly
Wilson	Karen

Sociology and Criminal Justice

Boian	Elizabeth
Fox	Margaret
Gibaldi	Diana
Gjelaj	Mark
Gondek	Abby
Irizarry	Jose
Kelly	Karen
Klein	Lloyd
Lataianu	Gabriel
Lewis	Philip
McConnell	John
Mullins	Steven
Olivo	Jeanne
Pappas	Demetra
Peterson	Alfred
Powell	Michelle
Savatta	Don
Schembri	Anthony
Sculco	Jennifer
Sutterlin	Denis
Verdino	Michael
Wilson	Kevin



## Faculty Emeriti

*Throughout the following section, the asterisk (\*) represents faculty who have received the Pax et Bonum Medal for 15 years or more of service to the College.*

- |  |   |
|--|---|
| <p>Jorge Andres, Associate Professor Emeritus of Mathematics; B.S., Vivara Sr. High School; B.Ed., Normal School for Teachers of Havana; Ph.D., University of Havana</p> <p>*Seymour Barcun, Professor Emeritus of Management; B.S., City College; M.S., M.B.A., Ph.D., New York University</p> <p>*John M. Burke, Professor Emeritus of Chemistry; B.S., St. Francis College; M.S., New York University; Ph.D., St. John's University</p> <p>*Murray J. Diamond, Professor Emeritus of Business Law; B.A., Brooklyn College, CUNY; J.D., J.S.D., Brooklyn Law School</p> <p>*Robert I. Goldberg, Professor Emeritus of Management; B.A., Brooklyn College, CUNY; M.S., Columbia University</p> <p>*Brother Vincent Healy, O.S.F., Professor Emeritus of Education; B.A., St. Francis College; M.A., Ph.D., St. John's University</p> <p>*Arthur J. Hughes, Professor Emeritus of History; B.A., St. John's University; M.A., Niagara University; Ph.D., Columbia University</p> <p>*Nino Langiulli, Professor Emeritus of Philosophy; B.A., Maryknoll College; M.A., Hunter College, CUNY; M.A., Ph.D., New York University</p> | <p>*Gerald A. Largo, Professor Emeritus of Religious Studies; B.A., Cathedral College; M.A., St. John's University; Ph.D., New York University</p> <p>*Maria Orti, Professor Emerita of Foreign Language; B.A., UC Berkley; M.A., University of Washington; Ph.D., Columbia University</p> <p>*Carolyn G. Plonsky, Professor Emerita of Health Science; B.S., M.S., Wagner College; Ed.D. Teachers College, Columbia University; FASHA (Fellow of the American School Health Association)</p> <p>*Thomas J. Quigley, Professor Emeritus of Chemistry; B.S., St. Francis College; M.A., Brooklyn College, CUNY; Ph.D., Rutgers State University</p> <p>*Francis Slade, Professor Emeritus of Philosophy; B.A., Catholic University of America; M.A., University of Notre Dame</p> <p>*Arnold Sparr, Professor Emeritus of History; B.A., University of Wisconsin; M.A., University of Illinois, Chicago; Ph.D., University of Wisconsin</p> <p>*Barbara Vigliano, Professor Emerita of Communications; B.A., M.A., Hunter College, CUNY; Ph.D., New York University</p> <p>*William Yellin, Professor Emeritus of Accounting; B.A., Brooklyn College, CUNY; M.B.A., New York University; C.P.A. (New York)</p> |
|--|---|

## Past Presidents

<p><b>1996-2008</b> Dr. Frank J. Macchiarola, Chancellor</p> <p><b>1995-1996</b> Dr. John K. Hawes*</p> <p><b>1969-1995</b> Brother Donald Sullivan, O.S.F, President Emeritus</p> <p><b>1958-1969</b> Brother Urban Gonnoud, O.S.F.</p> <p><b>1952-1958</b> Brother Jerome Roesse, O.S.F.</p> <p><b>1936-1952</b> Brother Columba Reilly, O.S.F.</p> <p><b>1934-1936</b> Brother Capistran Cusack, O.S.F.</p> <p><b>1925-1934</b> Brother Columba Reilly, O.S.F.</p> <p><b>1922-1925</b> Brother David McPartland, O.S.F.</p> <p><b>1919-1922</b> Brother Jarlath Phelan, O.S.F.</p> <p><b>1911-1919</b> Brother David McPartland, O.S.F.</p> <p><b>1909-1911</b> Brother Stainslaus Ryan, O.S.F.</p>	<p><b>1906-1909</b> Brother Vincent Mulcahy, O.S.F.</p> <p><b>1904-1906</b> Brother Linus Lynch, O.S.F.</p> <p><b>1900-1904</b> Brother Rapahel Breheney, O.S.F.</p> <p><b>1897-1900</b> Brother Jerome Magner, O.S.F.</p> <p><b>1894-1897</b> Brother Vincent Mulcahy, O.S.F.</p> <p><b>1876-1894</b> Brother Jerome Magner, O.S.F.</p> <p><b>1875-1876</b> Brother Paul St. Leger, O.S.F.</p> <p><b>1872-1875</b> Brother Peter Frewen, O.S.F.</p> <p><b>1866-1872</b> Brother Jerome Magner, O.S.F.</p> <p><b>1863-1866</b> Brother Paul St. Leger, O.S.F.</p> <p><b>1862-1863</b> Brother Cyprian O'Beirne, O.S.F.</p> <p><b>1858-1862</b> Brother John McMahan, O.S.F.</p>
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\*Interim



# Academic Calendar

## Fall 2011 (11/FA)

Labor Day- Library & *Administrative Offices closed* .... Mon., Sept. 5  
**11/FA 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  
Degree application for 2012 graduating classes due  
via Web Advisor ..... Fri., Oct. 7  
Columbus Day – *No classes; Library and administrative offices  
closed*..... Mon., Oct. 10  
Midterm grades due via **Web Advisor** by 5 p.m. .... Fri., Oct. 21  
Advisement for 2012/IS and SP begins ..... Mon., Oct. 24  
Last day to drop with grade of “W” ..... Thurs., Nov. 10  
Web Registration appointments for 12/IS and SP  
begin ..... Mon., Nov. 14  
Thanksgiving Recess – *No classes; Library and administrative  
offices closed* ..... Wed. Nov., 23 – Sun. Nov. 27  
11/FA Classes end ..... Mon., Dec. 12  
Study day – No classes..... Tues., Dec. 13  
Final examinations ..... Wed., Dec. 14 – Tues., Dec. 20  
Final grades due via **WebAdvisor** by 5 p.m. .... Thurs., Dec. 22  
**Christmas Holiday – Library and administrative offices  
closed** ..... Sat., Dec. 24- Mon., Jan. 2  
Tuition due for 12/IS and 12/SP ..... TBA  
**Winter Commencement** ..... TBA

## Winter Intersession 2012 (12/IS) Accelerated Session

12/IS classes begin ..... Tues., Jan. 3  
Last day to add 12/IS ..... Wed., Jan. 4  
Mark of “W” begins for course 12/IS withdrawals... Thurs., Jan.5  
Last day to file Pass-Fail Option..... Fri., Jan. 6  
Last day to drop with grade of “W” ..... Tues., Jan. 10  
12/IS Classes end ..... Fri., Jan. 13  
Dr. Martin Luther King, Jr. Day- *No classes; Library and  
administrative Offices closed* ..... Mon., Jan. 16  
Final grades due via **WebAdvisor** by 5 p.m. .... Tues., Jan. 17

## Spring 2012 (12/SP)

**12/SP Classes begin**..... **Wed., Jan. 18**  
Last day to add ..... Tues., Jan. 24  
Mark of “W” begins for course withdrawals ..... Wed., Jan. 25  
Last day to file Pass-Fail Option..... Mon., Feb. 13  
Presidents’ Day – *No classes; Library and administrative offices  
closed*..... Mon., Feb. 20  
**Monday Classes Scheduled (No Wednesday-only Classes) .**  
..... **Wed., Feb. 22**

## Midterm grades due via WebAdvsior by 4 p.m....Fri., Mar. 9

Advisement for 12 /MI, SU, and FA begins ..... Mon., Mar. 12  
Spring Recess-No classes ..... Sun., Mar.18- Sun., Mar. 25  
Last day to drop with grade of “W” ..... Fri., Mar. 30  
Easter recess – *No classes; Library and administrative offices  
closed* ..... Thurs., Apr. 5 – Mon., Apr.9  
Web Registration appointments for 12/MI, SU and FA  
begin ..... Tues., Apr.10  
12/SP Classes end ..... Mon., Apr. 30  
Study day – No classes..... Tues., May 1  
Final examinations ..... Wed., May 2 – Tues., May 8  
**Final grades due via WebAdvisor by 4 p.m. .... Fri., May 11**  
**Spring Commencement** ..... TBA

## May Intersession 2012 (12/MI) Accelerated Session

**12/MI Classes begin** ..... **Mon., May 14**  
Last day to add 12/MI..... Tues., May 15

Mark of “W” begins for course withdrawals ..... Wed., May 16  
Last day to file Pass-File option ..... Fri., May 18  
Last day to drop with grade of “W” ..... Tues., May 22  
12/MI classes end ..... Thurs., May 24  
Memorial Day – *No classes, Library and administrative Offices  
closed*..... Mon., May 28  
**Final grades due via WebAdvisor by 4 p.m. .... Wed., May 30**

## Summer I, 2012 (12/S1) Accelerated Session

**12/S1 classes begin** ..... **Mon., June 4**  
Last day to add 12/S1 ..... Tues., June 5  
Mark of “W” begins for course withdrawals ..... Wed., June 6  
Last day to file Pass-Fail Option ..... Tues., June 12  
Last day to drop with grade of “W” ..... Thurs., June 14  
Classes end ..... Thurs., June 28  
**Final grades due via WebAdvisor by 4 p.m. .... Mon., July 2**

## Summer II, 2012 (12/S2) Accelerated Session

Independence Day Holiday – *No classes; Library and  
administrative offices closed* ..... Wed., July 4  
**12/S2 classes begin** ..... **Mon., July 9**  
Last day to add 12/S2 ..... Tues., July 10  
Mark of W begins for course withdrawals ..... Wed., July 11  
Last day to file Pass-Fail Option ..... Tues., July 17  
Last day to drop with grade of “W” ..... Thurs., July 19  
12/S2 Classes end ..... Thurs., Aug. 2  
**Final grades due via WebAdvisor by 4 p.m. .... Mon., Aug. 6**

## Summer III, 2012 (12/S3) Accelerated Session

**12/S3 classes begin** ..... **Mon., Aug. 6**  
Last day to add 12/S3 ..... Tues., Aug. 7  
Mark of “W” begins for course withdrawals ..... Wed., Aug. 8  
Last day to file Pass-Fail Option ..... Tues., Aug. 14  
Last day to drop with grade of “W” ..... Thurs., Aug. 16  
12/S3 Classes end ..... Thurs., Aug. 30  
**Final grades due via WebAdvisor by 4 p.m. .... Tues., Sept. 4**

## Fall 2012 (12/FA)

Labor Day- Library & *Administrative Offices closed* .... Mon., Sept. 3  
**11/FA Classes begin** ..... **Wed., Sept. 5**  
Last day to add ..... Tues., Sept. 11  
Mark of “W” begins for course withdrawals ..... Wed., Sept. 12  
Last day to file Pass-Fail Option ..... Tues., Oct 2  
Columbus Day – *No classes; Library and administrative offices  
closed*..... Mon., Oct. 8  
Degree application for 2012 graduating classes due  
via Web Advisor ..... Fri., Oct. 9  
Midterm grades due via **Web Advisor** by 5 p.m. .... Fri., Oct. 19  
Advisement for 2012/IS and SP begins ..... Mon., Oct. 29  
Last day to drop with grade of “W” ..... Thurs., Nov. 8  
Web Registration appointments for 12/IS and SP  
begin ..... Mon., Nov. 12  
Thanksgiving Recess – *No classes; Library and administrative  
offices closed* ..... Wed. Nov., 21 – Sun. Nov. 25  
11/FA Classes end ..... Mon., Dec. 10  
Study day – No classes ..... Tues., Dec. 11  
Final examinations ..... Wed., Dec. 12 – Tues., Dec. 18  
Final grades due via **WebAdvisor** by 3 p.m. .... Fri., Dec. 21  
**Christmas Holiday – Library and administrative offices  
closed** ..... Sat., Dec. 22- Mon., Jan. 2  
Tuition due for 12/IS and 12/SP ..... TBA  
**Winter Commencement** ..... TBA

\*\*\* Administrative holidays are subject to change\*\*\*





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## Directions to Campus

St. Francis College is located in historic Brooklyn Heights at 180 Remsen Street, between Court and Clinton Streets. The College is one block from Borough Hall, the Brooklyn court houses, and various municipal buildings. The College is three blocks from the Brooklyn Heights Promenade to the west and Metrotech Center to the east.

Within two blocks of the campus are all major subway and bus lines to and from all boroughs of New York City. Street parking is limited; however, public parking garages are nearby.

### By Subway

The Metropolitan Transportation Authority (MTA) operates the New York City subway. Visit [www.mta.info](http://www.mta.info) for updates.

- **2** **3** (7th Avenue Express) stop at Borough Hall.
- **4** **5** (Lexington Avenue Express) stop at Borough Hall.
- **A** (8th Avenue Express) stops at Jay Street/Borough Hall.
- **B** (6th Avenue Express) stops at DeKalb Avenue; change to the **M** or **R** which stop at Court Street.
- **C** (8th Avenue Local) stops at Jay Street/Borough Hall.
- **D** (6th Avenue Express) stops at Atlantic Avenue; change to the **2**, **3**, **4**, or **5** which stop at Borough Hall.
- **F** (6th Avenue Local) stops at Jay Street/Borough Hall.
- **M** (Nassau Street Local) stops at Court Street.
- **N** (Broadway Express) stops at Pacific Street; change to the **R** which stops at Court Street.
- **Q** (Broadway Express) stops at DeKalb Avenue; change to the **M** or **R** which stop at Court Street.
- **R** (Broadway Local) stops at Court Street.
- **W** (Broadway Local) stops at Whitehall Street; change to the **R** which stops at Court Street.

### By Staten Island Ferry

Take the ferry to Manhattan; change to the **R** which stops at Court Street. For more information about ferry service visit [www.siferry.com](http://www.siferry.com) or call (718) 727-2508.

### By Bus

New York City buses are operated by the Metropolitan Transportation Authority (MTA). Visit [www.mta.info](http://www.mta.info) for updates.

- B25, B26, B38, B41, B51, or B52 to Court Street near campus.
- B37, B45, or B75 to Livingston Street.
- B54, B57, B61, or B67 to Jay Street.
- B103 to Adams Street.

From Staten Island, take the S53 bus to 95th Street and Fourth Avenue or the S79 bus to 86th Street and Fourth Avenue; change to the **R** which stops at Court Street.

### By Long Island Railroad

The Long Island Railroad (LIRR) is operated by the Metropolitan Transportation Authority. Visit [www.lirr.org/lirr](http://www.lirr.org/lirr) for timetables, fares, and updates.

Take the LIRR to Flatbush Avenue Terminal and change to the Manhattan-bound **2**, **3**, **4**, or **5** in the same station. Take the subway to Borough Hall.

### By Car

From Manhattan, follow the Brooklyn Bridge to Cadman Plaza West and turn left at the first traffic light. After several blocks, Cadman Plaza becomes Court Street. The College is on Remsen Street just west of Court Street.

From Queens, take the Brooklyn-Queens Expressway (BQE) to the Cadman Plaza exit (exit 28). Turn right and follow Cadman Plaza West until it becomes Court Street.

From Staten Island, take the Brooklyn-Queens Expressway (BQE) to the Atlantic Avenue exit (exit 27). Turn right on Atlantic and left on Clinton Street. The College is on Remsen Street just east of Clinton Street.



St. Francis College ■ 180 Remsen Street ■ Brooklyn Heights, NY 11201

