2018 TO 2020 CATALOGUE
Minors in English ................................................................. 81
Minor in Writing ............................................................... 81
Masters of Fine Arts in Creative Writing (MFA) ................. 82
MFA, Fiction ................................................................. 82
Environmental Studies ..................................................... 83
Minor in Environmental Studies ....................................... 83
Foreign Languages, Fine Arts, and International Cultural Studies 84
Major in International Cultural Studies
—Concentration in International Business .................. 85
—Concentration in Latin American and Caribbean Studies 86
—Concentration in Western European Studies .......... 87
Major in Spanish ............................................................ 88
Minor in Fine Arts ......................................................... 89
Minor in Foreign Languages ......................................... 89
Minor in Italian ............................................................. 89
Minor in Spanish ........................................................... 90
Minor in International Cultural Studies ....................... 90
Minor in Music .............................................................. 91
Honors .......................................................................... 92
Liberals Arts ................................................................. 93
Associate of Arts in Liberal Arts .................................. 93
Management and Information Technology .................. 94
Major in Management .................................................... 96
Major in Information Technology ................................. 96
Concentrations ............................................................. 98
Minor in Business ........................................................ 101
Minor in Entrepreneurship .......................................... 101
Minor in Information Technology ................................. 101
Minor in Interactive Multimedia ................................. 102
Minor in Project Management ...................................... 102
Minor in Sports Management ...................................... 102
Associate in Applied Science—Business Administration 103
Masters of Science in Management .............................. 103
Business Management ................................................. 103
MS, Management—Business Management .................. 103
MS, Management—Health Care Management .............. 103
Mathematics ................................................................. 104
Major in Mathematics ................................................... 105
Minor in Mathematics ................................................... 105
Nursing ........................................................................ 106
RN to BS Program (BS-NUR) ........................................ 107
Traditional BS Program (BS-RN) ................................. 108
Philosophy and Religious Studies ................................. 110
Major in Philosophy ...................................................... 110
Major in Religious Studies ........................................... 110
Minor in Philosophy .................................................... 113
Minor in Religious Studies ........................................... 113
Pre-Health Professions Programs ................................. 114
Professional Studies ...................................................... 115
Major in Professional Studies ....................................... 115
Psychology ................................................................. 116
Major in Psychology ..................................................... 118
BA/MA Degree Program in Applied Behavioral Psychology... 119
Minor in Cross-Cultural and Multicultural Psychology .... 120
Minor in Psychology ..................................................... 120
MA Degree Program in General Psychology .................. 120
Sociology and Criminal Justice ..................................... 121
Major in Criminal Justice ............................................. 121
Major in Sociology ........................................................ 123
Major in Sociology—Concentration in Social Work ........ 123
Minor in Criminal Justice .......................................... 124
Minor in Forensic Science .......................................... 124
Minor in Sociology ..................................................... 124
Associate of Applied Science in Criminal Justice .......... 125
Women’s and Gender Studies ...................................... 126
Center for Women’s and Gender Studies ..................... 127
Suspended Programs ..................................................... 128
COURSES OF INSTRUCTION........................................ 129
Accounting [ACC] Courses .................................... 130
Adolescent Education [AED] Courses ....................... 131
American Studies [AMS] Courses ............................ 133
Biological [BIO] Courses ........................................... 134
Business Law [BL] Courses ........................................ 136
Business [BUS] Courses ............................................ 137
Childhood Education [CED] Courses ...................... 139
Chemistry [CHE] Courses ........................................ 141
Criminal Justice [CJ] Courses .................................... 141
Communication Arts [COM] Courses ....................... 142
Early Childhood Education [EC] Courses ................. 146
Economics [ECO] Courses .......................................... 147
Education [ED] Courses ............................................. 149
English [ENG] Courses .............................................. 149
Entrepreneurship [ENT] Courses ............................ 154
Fine Arts [FA] Courses .............................................. 155
Finance [FIN] Courses ............................................... 157
Fitness [FIT] Courses ............................................... 159
French [FRE] Courses ................................................ 160
Greek [GKR] Courses ................................................ 161
Health Care (HC) Courses ........................................ 161
History [HIS] Courses ................................................ 162
Honors [HON] Courses .............................................. 165
Human Resources [HR] Courses ............................. 171
Health Science [HS] Courses .................................... 171
International Cultural Studies [ICS] Courses .......... 173
Information Technology [IT] Courses ....................... 175
Italian [ITA] Courses ................................................ 179
Latin [LAT] Courses .................................................. 179
Mathematics [MAT] Courses .................................... 179
Management [MGT] Courses .................................... 182
Marketing [MKT] Courses ........................................ 182
Nursing [NUR] Courses ............................................. 184
Operations Research and Management [ORM] Courses 186
Physical Education [PE] Courses .............................. 187
Philosophy [PHI] Courses .......................................... 189
Physics [PHY] Courses .............................................. 192
Project Management [PM] Courses ......................... 193
Political Science [PSC] Courses ............................... 193
Psychology [PSY] Courses ........................................ 196
Religious Studies [REL] Courses ............................. 200
Science [SCI] Courses .............................................. 203
St. Francis College [SFC] Courses ............................ 204
Sociology [SOC] Courses ........................................ 204
Spanish [SPA] Courses ............................................. 206
Sports Management [SPM] Courses ....................... 208
Social Studies [SS] Courses ....................................... 208
Women’s and Gender Studies [WGS] Courses .......... 209
Writing [WRI] Courses .............................................. 209
Additional Courses of Study ......................................... 214
ADDITIONAL INFORMATION................................. 225
Board, Administration, and Faculty ......................... 226
Academic Calendar, 2018-19 ....................................... 235
Index ...................................................................... 236
Directions to Campus .................................................. 242
IV Contents St. Francis College
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 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.

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:
   - 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.

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 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 the Accreditation of Educator Preparation
- Council for Advancement and Support of Education
- Downtown Brooklyn Development Association
- NAFA: Association of International Educators
- National Association of Independent Colleges and Universities
- National Collegiate Honors Council
- National Commission on Accrediting
- NYS Regents Accreditation of Teacher Education
Dear Student:

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

In 1859 the Franciscan Brothers of Brooklyn began St. Francis College with the intention of offering a quality and affordable education to students in the Borough of Brooklyn. In 2018 I am proud that we are continuing to carry out the Brother’s objective and legacy.

As a member of the student body, you are part of a community that emphasizes the Franciscan values of respect, justice, hospitality and service. Each of us at the College share a strong determination to work for success and all of us play an active role in your academic progress and personal growth. Every person on this campus is here to assist you, every door is open to you. Meet and get to know the people around you and you will have a support system and a network of caring relationships like no other.

Ours is a world that is rapidly evolving with social and technological advances, changes and challenges. You have been accepted because we recognize your talent, creativity and your potential as the next generation of leaders to graduate from the College. The curriculum offered, and your experience here at St. Francis will provide you a foundational education for your chosen career. St. Francis College is in the heart of the cultural, financial and educational capital of the world. The opportunities for internships in your chosen field are myriad in this city of unparalleled resources. Just as importantly, you will be offered the opportunity to recognize that a liberal arts education includes channeling your intellect, your creativity, and your goals in all that you think, believe and do in this world. Our mission is to prepare you for the world, intellectually, physically, emotionally and spiritually. We want you to succeed in the classroom, in the boardroom but most importantly we want you to succeed in your relationships with family, friends and your, community. We want you to live humbly, compassionately, and radically, with a deep and unwavering sense of justice and love. At the heart of our purpose - we want you to live life fully. By actively participating in your studies, internships, extracurricular activities, sports, or clubs, you invest and determine your future. Every faculty, administrator and staff member is committed to supporting your dream of attaining your goals. We are here to guide you, challenge you and encourage you to take risks. We are invested in you and we will do all that we are able to provide you with the conditions for you to cultivate your interests and your talents so you graduate ready to engage with the world with head and heart so you make our planet a stronger, better and kinder community of citizens who lead with imagination and spirit.

Our Franciscan Tradition, which espouses humility, compassion and social justice, is the cornerstone of our community. We recognize that knowledge and education should never be considered as an end in itself, but a means to serve the common good. As a result, St. Francis College is proud to graduate leaders with both the skills to excel in life and a commitment to compassionate living.

The value of a St. Francis College education is measured not only by one’s degree, but also by the success and character exhibited by generations of its graduates. On behalf of everyone here at the College I am delighted you are here and we are all so very excited for what you bring to our Franciscan family.

In peace and friendship,

Miguel Martinez-Saenz, Ph.D.
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 does not discriminate on the basis of sex, race, color, gender, religion, national origin, age, disability, alienage or citizenship status, marital status, creed, genetic predisposition or carrier status, sexual orientation, or any other characteristic protected by law in its education programs and activities or employment. The College complies with all state and federal statutes, executive orders, and regulations concerning affirmative action, non-discrimination, and equal employment opportunities.”
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, Disability Services, Residence Life, Counseling and Student Health.

Facilities

McAuliffe 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 St. Francis Online Bookstore operates completely online and can be visited at www.sfc.edu/bookstore. The store provides all textbooks and course materials required for coursework at the College. The website is available 24/7 and live help is available from 9:00 am to 5:00 pm, Monday through Friday with additional hours on Saturday and weeknights during back-to-school season. Students can purchase new, used, eBook, or rental books. The Online Bookstore also has a marketplace where students and other vendors are buying and selling used books at heavily discounted prices.

Athletics facilities include two full-sized gymnasiums, 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, counterfeiting 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 Dean of Students, office 2000 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 & diving, tennis, track & field, volleyball, and water polo. Women compete in basketball, bowling, cross-country, golf, soccer, swimming & diving, tennis, track & field, water polo, and volleyball.

Intramurals

The college provides a well-rounded intramural sports program. Students compete in basketball, volleyball, flag football, dodgeball, and soccer. Students are encouraged to take advantage of the swimming, 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. To request this information, contact the David Loutfi, 718.489.5271.

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 profile to add things like a cell phone number for voice mail and text messages. Students can access their profile through the mySFC portal at [http://www.sfc.edu/](http://www.sfc.edu/).

For more information please call the Office of Government & Community Relations at 718.489.5404 or go to [www.sfc.edu/sfcalerts](http://www.sfc.edu/sfcalerts).

**SFC Mobile App**

Download SFC Mobile app to keep up-to-date with College events and deadlines, connect with faculty, staff, and classmates, and more. The SFC Mobile app is available for free from the Apple App Store and Google Play: [www.sfc.edu/sfcmobile](http://www.sfc.edu/sfcmobile).

**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, room 2001. The advisor can be reached at 718.489.2067.

**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 2000. Students must provide their own locks; items are stored at the student’s own risk. The college is not responsible for any items left in a locker throughout the year. 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 SFC Security, Student Activities (room 2000), or College Security during working hours. Students should check these offices to see if missing items have been returned.

**Mission, Ministry & Interfaith Dialogue**

St. Francis College has a vibrant faith community where students, faculty, staff, trustees, alumni, friends and visitors of all religious traditions feel safe, supported and welcomed. This includes a focus on Catholic social teaching, a robust liturgical life, vibrant religious education, hospitable ecumenical and interfaith programming and outreach and programming.

The Office of Mission, Ministry & Interfaith Dialogue, located on the 1st floor promotes the active engagement of the St. Francis College community in articulating our Catholic Franciscan culture and mission while recognizing, respecting and embracing those of other faith traditions. The Office offers programs and activities that bring awareness and support to the college’s mission and ministry while embedding the Franciscan charism and traditions throughout the campus.

Mission, Ministry & Interfaith Dialogue collaborates with other departments and outside organizations in establishing programs that supports a welcoming atmosphere and celebrates religious and social diversity, including differences in economic backgrounds, lifestyle, gender, race, ethnicity, political affiliation, sexual orientation, and intellectual views. There is a significant interest in nurturing the unique gifts of all members in accordance with the mission and values of our Catholic, Franciscan tradition. The Office is responsible for guiding a common vision and sense of shared Franciscan Catholic mission, ministry and identity across campus and seeing that the mission is imbued throughout all curricular and co-curricular activities. These activities include, but are not limited to the College’s annual celebration of St. Clare & St. Francis Week, as well as opportunities for pilgrimages to Assisi, Rome and along the Camino de Santiago.

**Campus Ministry**

Under the direction of, and in collaboration with the Office of Mission, Ministry & Interfaith Dialogue, Campus Ministry welcomes students, staff and faculty from all religious traditions.
It is responsible for addressing the spiritual, religious and pastoral needs of the entire St. Francis College community and fosters our Catholic, Franciscan values. The Director of Campus Ministry is available daily for the pastoral care, spiritual and moral growth of all members of our campus community. The College Chapel, located on the 4th floor, is always open for private prayer and personal meditation. In addition, there are regularly scheduled Masses throughout the academic year as well as Advent, Lenten and other faith-based prayer services and activities. Retreat opportunities are provided during the year and sacramental preparation is offered for students who are interested in becoming members of the Catholic faith. Campus Ministry sponsors the College choir as well as volunteer and service learning projects. Through these efforts, Campus Ministry strives to invigorate the atmosphere of hospitality, mercy and justice at St. Francis College.

Proof of Immunization

Appropriate documentation as described below must be presented to the Office of Admissions upon application for admission or re-admission to the College or as soon as practicable thereafter. No student will be permitted to complete his or her initial registration for classes until the documents are on file. Complete information is available from the Dean of Students Office, room 2000. 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, room 2310.

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. The office handles student accident insurance claims and sponsors the semi-annual blood drive.

Student Activities and Publications

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.

Students may request direct information on our clubs and organization in the Office of Student Activities, Room 2000.

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.

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

- Accounting Society
- Active Minds Club
- African Cultural Club
- Anime Club
- Asian Cultural Club
- Biology Newsletter
- Caribbean Student Association
- Chemistry Club
- Christian Club
- College Chorus
- Dance Team
- Economics Society
- Education Society
- English Club
- Entrepreneur Club
- Environmental Club
- Finance Club
- Green House Club
- Honors Club
- Information Technology Club
- Italian Historical Society
- Investment Club
- Latin American Society
- LGBTQ Club
- Math Club
- Model UN Club
- Muslim Student Association
- My Brother’s Keeper
- Physician Assistants Club
- Pre-Medical and Health Professions Club
- Psychology Club
- Scandinavian Club
- St. Thomas More Pre-Law Society
- Science and Botanical Society
- Sociology & Criminal Justice Club
- Students Against Destructive Program
- Student Gov’t. Association
- The Troupers
- The Voice
- Video Game Club

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.
- **Tan Kappa Epsilon** is a national, social fraternity whose chapter 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 Pi 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 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.
- **Omega Delta Epsilon**, Eta Chapter, is an international economics honor 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 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 12 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.

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**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 Alumni Association can be reached through The Office of Advancement which is located in room 8300, 718.489.5361.

**Terrier**, the College’s alumni magazine, is published twice each year and serves as a communication vehicle between the College and its alumni and friends.
Undergraduate Admission

St. Francis College seeks to admit students who present evidence that they can successfully pursue courses leading to a degree. Freshman applicants must submit evidence of successful high school completion and an application for admission. Although submitting SAT or ACT test scores is optional for many programs, it is required for others like the Nursing and the Honors Program.

While admission to St. Francis College is competitive, the admissions committee seeks a student body that is ethnically and socially diverse and applicants who have the potential to succeed in college. 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 to 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 are interested in admission to the College can file an application online at apply.sfc.edu. The application is only available online. Applicants needing accommodations should contact the Office of Admissions at 718.489.5200.

Admission Requirements

High School Graduates

Applicants seeking an associate’s or bachelor’s degree must present an official transcript from an approved secondary school. Unless exempt, all accepted 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 and a copy of their GED certificate. 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 demonstrate English proficiency. St. Francis College accepts Test of English as a Foreign Language (TOEFL) and International Language Testing System (IELTS), as demonstration of English proficiency. Applicants must achieve a score of at least 500 (paper) or 70 (IBT) on TOEFL, or a minimum score of a 6 on IELTS. More information can be found at www.sfc.edu/international.

International Students

Students who are not U.S. 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, and submit a transcript of high school record (translated) and proof of high school graduation (diploma), and proof of English proficiency. Other required admissions materials, such as standardized test scores and college transcripts, will be communicated to the applicant. In addition, students whose native language is not English must also follow the requirements for foreign language students listed above. More information on admissions requirements for international students can be found at www.sfc.edu/international.

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 Office of Admissions directly at admissions@sfc.edu.

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 those who wish to take one or more courses but who do not wish to seek an associate’s or bachelor’s degree. Such persons may be accepted as non-matriculated students, space permitting. 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 all previously attended schools as well as a final official secondary school transcript. 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. Transfer courses from 10 or more years ago may be subject to Department approval.

**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. www.ets.org.

**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 NYU Language Proficiency Exams and through 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.

**Military Experience Credit**

Honorably discharged veterans or active duty service members 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. Additional ACE equivalency credits may be granted with the submission of an official military (JST, AARTS, SMART, CGI) transcript. 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**

**Center for Student Success (CSS)**

Through the Center for Student Success, St. Francis College facilitates the positive transition to college for all freshmen and first semester transfer students. Its mission is to develop and implement new student experience programs that significantly improve the academic and social integration necessary for college student persistence and success. The Center facilitates first semester course registration, conducts orientation, academic advisement, as well as academic support and success programs. Prior to registration, each freshman and transfer student’s academic profile (GPA, 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. Freshmen receive their schedule during the orientation programs, which also provides them with important information on the College. Transfer students register in-person with an academic advisor and then attend a separate orientation session. During their first semester, all freshmen are enrolled in the Freshman Seminar course SFC 1001. The seminar is taught by the academic advisors in the Center, so that students can experience both group and individual sessions with an advisor. Transfer students have a dedicated team of advisors in the Center to assist them with their transition into a new institution but may discuss enrolling in SFC 1001, if interested.

**Academic Advisement**

Advisement is an important aspect of each student’s academic career. Advisement is an opportunity for students to discuss academic goals, understand degree requirements, and connect with faculty and staff. It is the responsibility of each student to know and meet graduation and other school requirements and to meet with an academic advisor, during the advisement period. Upperclassmen and transfer students with a declared major are advised by their respective Academic Department. Freshmen, undeclared majors, and non-degree students are advised by the advisors in the Center for Student Success. Advisors assist students with clarification of their educational and career goals, review of their academic progress, and selection of an appropriate major. The Center for Student Success is also responsible for assisting with the advisement of the College’s Student-Athlete population in collaboration with department advisors. Student-athletes meet with a specific advisor to discuss progress towards degree percentage, academic support, GPA requirements for the NCAA, and course planning to avoid scheduling conflicts.
Removing Obstacles to Success (ROS) Program

Removing Obstacles to Success (ROS) is the college’s study skills and academic assistance program. Through series of workshops each semester, as well as targeted one-on-one academic coaching sessions, ROS assists students in developing effective college student habits such as time management, overcoming test anxiety, preparing for exams, managing stress, balancing school and work, choosing a major, and more. The ROS program supports all students who require academic support, but students who have a cumulative GPA below 2.0 are required to participate each semester. The program also offers free online success strategy workshops available 24/7 for students via the college’s student portal. In conjunction with Student Financial Services, the program also assists students with developing academic plans which will get them back on track and assist them in regaining any lost financial aid eligibility.

Transfer Student Services

St. Francis College actively supports its incoming transfer students throughout their first semester at the college to ease their transition into a new academic community. After acceptance into the college, transfer academic advisors in the Center for Student Success work closely with the college’s transfer credit specialists to advise transfer students on their first semester coursework based on incoming credit, a student’s academic profile, and major interests during registration sessions. During registration sessions, transfer students review their transfer credits and register for classes with an academic advisor. The Center for Student Success then hosts Transfer Orientation Sessions, where transfer students learn about important information about the college and meet with faculty, administration, and staff. Upon the start of the semester, the college hosts many social and academic events for transfers to help them feel at home at SFC and address any concerns they may have. Events include academic workshops, major workshops, advisement and registration support, and social opportunities. Advisors are always available for transfer students in the Center for Student Success to answer any questions and work one-on-one with students.

Undeclared Majors

The Center for Student Success provides resources and holistic support for students in their freshman and sophomore year who have not decided on a major (exploratory students). Students are encouraged to explore all the majors offered at St. Francis College and connect with faculty and advisors. Exploratory students will meet with an advisor in the Center for Student Success for one-on-one support in identifying student’s academic interests, skills, and occupational goals. An advisor will work with students to determine appropriate courses to aid in the exploratory journey to help students gain a better understanding of a given field. In addition to the individualized attention given to students, CSS hosts a number of events and programs to engage the exploratory student population, such as Meet the Majors, Major & Career Exploration workshops, and Career Planning Seminar. All students are required to declare their major at the end of their sophomore year (upon completing 60 credits).

The Academic Enhancement Center (AEC)

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

- **Workshops** on a variety of writing topics including: starting the essay; thesis development, identifying and gathering pertinent research; and revising strategies are offered each semester.

- **Technology** resources are available in the AEC to all students. The Center has desktops, laptops, a printer, and a scanner for student use. Students may use the computers to conduct research and complete their assignments.

- **Placement Examinations** in writing and mathematics are required for all first-time freshmen. Transfer students who have not received transfer credit for writing and mathematics are also required to take these exams. Exam results are used to place students in composition and math courses commensurate to their demonstrated proficiency.

- **Project Access** is a comprehensive verbal skills program developed by the Academic Enhancement Center for incoming freshmen who demonstrate a need to develop their reading and writing skills. The program begins with a 5-week Bridge to College summer workshop which serves as a primer for becoming a college student by presenting intensive lessons in reading and writing. This summer component serves as a bridge to college as it helps new students familiarize themselves with the College’s resources prior to the start of the semester, thereby easing the transition. In the fall semester all Project Access students are enrolled in the SFC 0040 course, delivered as two hours of weekly instruction with one academic credit granted. The course focuses on helping students develop sound strategies for academic success (time-management, critical reading techniques, composition strategies, etc.) that will be applicable across their college experience. Other components of the program include tutoring, peer-led interactions, individualized advisement, as well as community building events and programs.

- **Testing Accommodations** for students who qualify are provided by the Center in partnership with the office of Accessibility and Accommodations and SFC faculty. Exams are administered by professional staff according to the specific test conditions prescribed by the DSO.

- **Accessibility and Accommodations (formerly Disability Services)**

Accessibility and Accommodations provides reasonable and appropriate accommodations to students with documented disabilities to ensure equal access to programs, activities, and opportunities at the College. Accommodations are determined through an interactive process between the student and the College. For more information, please visit the website at [www.sfc.edu/studentlife/accessibility](http://www.sfc.edu/studentlife/accessibility). To request accommodations, please call (718) 489-2047, email KKrieger@sfc.edu, or stop by the office in room 3307.
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 is available. In instructional and general computer lab spaces, computers, scanners, printers, internet, and software are available to students and faculty. In our dozens of Smart interactive classrooms and science computer labs we provide our students and faculty the latest technology for their academic disciplines.

Our state of the art High Definition 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 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 computer 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:

Canvas 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.

WebAdvisor provides students access to academic information, including web registration from any browser. Features include e-mailing an advisor, spam filtering, student e-mail directory and address book, and the ability for SFC administration to send important messages to students. Students can check their records by entering the appropriate web login.

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.

SFC Files provides students access to their files, on campus or remotely, from any web browser using cloud technology. Files stored here are backed up nightly.

Student Technology Services provide students with support for Canvas Learning Management System, WebAdvisor, SFC Files, printing, and other technology resources. Students may contact STS in room 4211 by calling 718.489.5454 or emailing servicedesk@sfc.edu to create a workorder request for help with technology.

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 115,000 books, 3,500+ items in the media collection and on-site and remote access to more than 150,000 e-books, 70,000+ e-journals, 100+ subject-specific and multi-disciplinary databases and streaming video collections.

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 students’ 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 10 laptops and 20 iPads to students to supplement the computer terminals available in the reference area, the computer lab and the Cellar Level. 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’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**

*For the latest updates to Academic Policies, please check the Cord.*

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### Undergraduate Courses and Registration

Twice each year, the Registrar's Office sets registration appointments. In spring, students register for May intersession, 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 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 indicates student’s intention to satisfy 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 add/drop period of each semester as indicated on the Academic calendar. This right in no way relieves the student of the responsibility to complete the general education program or departmental requirements in the appropriate sequence, nor does it relieve the student of tuition obligations. See the Tuition Refund Schedule on the college website for more information.

### Withdrawal from Courses or from the College

Students who wish to withdraw from a course after add/drop period indicated on the Academic Calendar may do so as follows:

- Report to the Registrar’s Office to complete the proper forms during the prescribed time period as outlined in the Academic Calendar.
- 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’ is indicated in the Academic Calendar. 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.

### Withdrawing from the College

Students who are withdrawing from all courses must consult an academic dean for approval. Student athletes also need the approval of the NCAA Compliance Officer. International students also need the signature of the International Student Advisor. When a student is ready to return to the college, a readmission application must be completed and submitted to the Office of the Registrar. Students who return after a period of one year can be required to satisfy the academic regulations of the most recent college catalog. Tuition refunds are issued in accordance with the Tuition Refund Policy available on the college website. It is recommended that you speak with a financial aid counselor before withdrawing in order to determine the financial impact of this decision.

### 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 of Students who may authorize a withdrawal. This does not relieve the student of tuition obligations.

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 of 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. 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

Courses required in the General Education Program, Honors program, minor program, or major department may not be selected for pass-fail status. Also, internships, field placements,
and independent study courses may not be selected for pass-fail status unless they are being taken for elective credit. To take a course pass/fail, students must have junior or senior status and be in good academic standing. No more than one elective course each term can be taken on a pass/fail basis. This privilege may be used for a maximum of four terms; 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 date indicated on the Academic Calendar. 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.

Students cannot register for more than one independent study course in a given semester without written approval of the Academic Dean. In addition, no student may complete more than six credits in total (normally two courses) through independent study without written approval from the Academic Dean. The pass-fail option is not available for independent study courses. Written approval of the course mentor and department chairperson is needed for all Independent Study courses with a title and description of the project.

**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. Some internship sites include National Grid, NY State Assembly, NY City Council, JP Morgan Chase, and various local hospital centers and public and private schools.

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 without written approval of the Academic Dean. In addition, no student may complete more than six credits in total (normally two courses) through field placement or internship without written permission of the Academic Dean. The pass-fail option is not available for field placement or internship courses.

**Courses at Other Institutions**

Except for approved cross-registrations with affiliated programs, 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 during the fall and spring 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 two courses during a summer session or one course during the winter or May intersession.

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.
- Student must provide course descriptions and written approval by the chair of the department and 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. Major courses may have higher grade requirements as indicated in the program of study.

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

**Study Abroad**

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

**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 as outlined in course syllabus. 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 $F$ in the GPA. (See the section on grading policies.) Additionally, students who have accrued five hours of consecutive absences are reported to the Dean of Students.

**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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Superior</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>Excellent</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>Accomplished</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
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</tr>
<tr>
<td>C+</td>
<td>Above Average</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td>Average</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>Below Average</td>
<td>1.67</td>
</tr>
<tr>
<td>D</td>
<td>Poor</td>
<td>1.0</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0.0</td>
</tr>
<tr>
<td>IP</td>
<td>In Progress</td>
<td>(not computed)</td>
</tr>
<tr>
<td>P</td>
<td>Passing</td>
<td>(not computed)</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
<td>(not computed)</td>
</tr>
<tr>
<td>X</td>
<td>Non-Attendance</td>
<td>0.0</td>
</tr>
</tbody>
</table>

**IP grades are used in specific courses identified by the department or with permission of the Academic Dean.**

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.

Courses completed at St. Francis College are evaluated for purposes of the quality-point index and honors. Also courses are included in the total index if they are taken as part of the Study Abroad Program, medical technology programs, or at partner institutions with active affiliation or cross-registration agreements. Transfer credits are not included.

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. Some majors require a higher QPI. See the program of study for more information.

Students may not expect to receive a passing grade in any course in which they fail to demonstrate college-level English writing skills 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:

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

**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, students must attempt and complete 9 or more credit hours on the undergraduate level, 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 Grade Point Average (GPA). The previous grade(s) will remain on the transcript, but will not be calculated as part of the cumulative GPA.

Courses repeated before fall 2004 follow the previous policy. When the succeeding grade is higher than the previous grade(s), only the higher grade is calculated in the cumulative GPA. When the succeeding grade is the same or lower than the previous grade(s), all grades are calculated in the GPA, but credit is granted only once.
Academic Major Forgiveness Policy

The forgiveness policy offers the opportunity to improve an undergraduate student’s academic record after not having successfully completed required courses in an initial chosen major area of study. This policy entails that the student complete an application to petition for forgiveness whereby the poor grades in the initial major are forgiven. Grade forgiveness is granted only once during the entire time a student is enrolled or re-enrolls at the College. A maximum of two required courses in the original major can be forgiven. Please see The Cord for specific policy details.

D Grades in Major Courses

Waivers for D grades in a major may be granted. 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. Under no circumstances may more than two D grades in a major be waived. Some majors require grades of B or better – lower grades should be discussed with the chairperson and repeated as needed. 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 provide feedback to students in a more formal manner that will alert the student to his/her learning and performance at the approximate mid-point of the semester. Midterm grades are collected to support student academic performance, success and retention. Progress grades are used for advising purposes, but are not recorded on the permanent academic record. Grades awarded at the end of the semester become part of the student’s official academic record. More information on the midterm grade assessment is available in The Cord.

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. Requests must be submitted to the Committee Chairperson within 6 weeks of the first day of class of the semester following that in which the contested grade was given. More information on the Appeal of Grades is available in The Cord.

Probation and Academic Dismissal

All students must maintain a GPA of 2.0 to be in good academic standing. Probation indicates that a student’s academic work is below the expected standard. Students on probation may not register for more than 12 credits in any given semester without permission from the Center for Student Success or the Academic Dean. Students are expected to work closely with the Removing Obstacles to Success advisor to return to good standing. After one term on probation, students who are not in good academic standing may be placed on probation for a second term, academically suspended, or academically dismissed. 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. In addition, students are subject to academic dismissal based on recommendation of the faculty committee on Academic Integrity.
Degree Requirements, Graduation, and Commencement

General Education Program
The General Education Program 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.

General Proficiency Outcomes
- Sensitivity to creative expression
- Communicate ideas and information through written, oral, visual and digital media
- The development of critical and analytical skills
- Exploration of diverse perspectives of the human experience
- Information, technology and media literacy
- Quantitative literacy

General Education Program: First Year College & Bodies of Knowledge

<table>
<thead>
<tr>
<th>Student Learning Outcome¹</th>
<th>Degree: Associates, Bachelor of Science, Nursing Completion (BS, NUR) and Bachelor of Science Professional Studies</th>
<th>Traditional Baccalaureate Degrees</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year College:</td>
<td>(One course in each First Year Category) 18</td>
<td>(One course in each First Year Category) 18</td>
</tr>
<tr>
<td>Writing (WR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quantitative literacy (QR)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral Communications (OC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fitness/Health (FH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Information, Technology &amp; Media Literacy (ITML)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Religious Studies (RS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freshman Seminar (FS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge:</td>
<td>(One course in each Body of Knowledge) 15</td>
<td>(Two courses in each Body of Knowledge) 30</td>
</tr>
<tr>
<td>Humanistic &amp; Creative Expression (HCE)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Natural &amp; Physical World (NPW)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Philosophical, Ethical &amp; Moral Dimensions (PEM)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social Environment &amp; Human Experience (SEH)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>World Heritage &amp; Global Perspectives (WHG)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum credits</td>
<td>33</td>
<td>48</td>
</tr>
</tbody>
</table>

¹ Please see SFC website, www.sfc.edu/academics/gep, for complete description of the General Education Program, descriptions of First Year College and Bodies of Knowledge and each Student Learning Outcome.

Liberal Arts requirements and courses
New York State requires that a certain percentage of degree credits be taken from courses in the Liberal Arts category. Three-quarters of the credits for degrees in Associate in Arts (minimum 45 credits) and Bachelor of Arts (minimum 90 credits) and one-half of the credits for degrees in Associate in Science (minimum 30 credits) and Bachelor of Science (minimum 60).

Liberal Arts must be selected from AMJ, AMS, BIO, CHE, COM, ECO, ENG, FA, FRE, GRK, HIS, HON, HS, ICS, ITA, LAT, MAT, PHI, PHY, PSC, PSY, REL, SCI, SOC, SPA, SS, or WRI listings. Certain CJ courses (such as CJ-1020, CJ-3070 and CJ-3075) and select introductory survey courses in other departments (ex. ED 1201) also meet the requirements for Liberal Arts courses. The following courses will not count as liberal arts electives: ECO 3331, ECO 3332, ECO 3333, ECO 4433.

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

Students earning 70–89 percent receive a P (pass). Students who do exceptionally well will merit a mark of H (honors).

Senior Residency Requirement
The final 30 credits for an undergraduate degree must be earned at St. Francis College unless special permission has been given by the Academic Dean.
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.

<table>
<thead>
<tr>
<th>Graduation Honor</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summa Cum Laude</td>
<td>3.8</td>
</tr>
<tr>
<td>Magna Cum Laude</td>
<td>3.6</td>
</tr>
<tr>
<td>Cum Laude</td>
<td>3.4</td>
</tr>
</tbody>
</table>

Participation in Commencement

Only students who have completed all degree requirements by the end of May Intersession 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.
- To officials of other colleges or universities in which the student seeks to enroll.
- To accrediting organizations approved by the College carrying out their accrediting functions.
- To certain officials of the U.S. Department of Education, the Comptroller General, and state and local educational authorities in connection with certain state or federally supported education programs.
- In connection with a student’s request for or receipt of financial aid, as necessary to determine eligibility, amount or conditions of the financial aid, or to enforce the terms and conditions of the aid as well as to organizations conducting studies approved by the College having educational value or concerning financial aid.
- If required by a state law requiring disclosure that was adopted before November 19, 1974.
- To parents of an eligible student who claim the student as a dependent for income tax purposes.
- College officials whose employment duties permit them access to information from parents’ federal income tax returns may use those returns to determine whether students are dependent on a parent as defined by the Internal Revenue Service. In such cases, FERPA and College policy permit those officials to disclose information from those student’s education records to their parents without written student consent. The College is not required to notify students or maintain a record of these disclosures.
- To persons in compliance with a judicial order or a lawfully issued subpoena, with a notice of the disclosure being sent to the last known address of the student.
- To persons in an emergency if, in the judgment of an official in charge of the records, knowledge of the information is necessary to protect the health of safety of the student or another person.
Students’ names and SFC e-mail address(es) will be available to faculty, staff, and other students on the College’s computer network, including the e-mail server and the learning 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.

Graduate Division

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

Graduate Admission

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

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

Graduate Courses and Registration

Credit Hours and Credit-Hour Loads

Students in combined undergraduate and graduate degree programs carry the same load as undergraduate students, nř,; 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.

- 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. 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.

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:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<tr>
<td>C</td>
<td>Average</td>
<td>2.0</td>
</tr>
<tr>
<td>F</td>
<td>Failing</td>
<td>0.0</td>
</tr>
<tr>
<td>H</td>
<td>Honors</td>
<td>(not computed)</td>
</tr>
<tr>
<td>P</td>
<td>Passing</td>
<td>(not computed)</td>
</tr>
<tr>
<td>W</td>
<td>Withdrawal</td>
<td>(not computed)</td>
</tr>
<tr>
<td>X</td>
<td>Non-Attendance</td>
<td>0.0</td>
</tr>
</tbody>
</table>
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. Graduate courses taken as part of a combined undergraduate/graduate program are not included in Dean’s List calculations.

**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**

**General Education Program**

Graduate programs do not have a general education component.

**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 general education 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 below, 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.

Multiple Programs of Study

Double majors: For students pursuing more than one major, at least 15 credits in each major must be taken from courses not included in the requirements for the other major. In addition, students are responsible for completing all requirements of both majors.

Dual Degrees: For students pursuing dual undergraduate degrees (i.e. a BA and BS), at least 30 additional credits are required in the second degree. In addition, students are responsible for completing all requirements of both majors.
## Current Offerings

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

<table>
<thead>
<tr>
<th>Program</th>
<th>Associate's Degree</th>
<th>Bachelor's Degree</th>
<th>Master's Degree</th>
<th>Teaching Certification</th>
<th>HEGIS Code</th>
<th>NYS Inventory</th>
<th>CIP Code</th>
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</tbody>
</table>

1 In cooperation with NY College of Podiatric Medicine.

2 Open to qualified transfer students with a valid R.N. only.

3 New York State Initial Endorsement is for all grades.

4 In cooperation with medical technology partner institutions.

5 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. At least 9 credits in a minor must be taken from courses not included in requirements for the major. 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 no later than the end of the semester immediately preceding that of graduation. Graduate students do not pursue minors.

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

- American Studies
- Biology
- Business
- Chemistry
- Communication Arts
- Corporate Accounting
- Criminal Justice
- Cross-Cultural Psychology
- Drama
- Economics
- English
- Entrepreneurship
- Environmental Studies
- Fine Arts
- Forensic Science
- French
- Health Promotion and Science
- History
- Information Technology
- Interactive Multimedia
- International Cultural Studies
- Italian
- Mathematics
- Music
- Personal Training
- Philosophy
- Political Science
- Project Management
- Psychology
- Public Health
- Religious Studies
- Sociology
- Spanish
- Sports Management
- Writing
- Women’s Studies

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

A considerable amount of information pertaining to tuition and financial aid changes on an annual basis; a visit to the Bursar’s website is recommended for the most current information and policies.

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.

Payment Options

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

In Person

Payment may be made via cash, check, money order, or credit card (MasterCard, Discover and Visa). Please note: all credit card transactions are subject to a convenience fee.

WebAdvisor

E-checks and credit card payments are processed online through WebAdvisor. Please note: all credit card transactions are subject to a convenience fee.

By Mail

Please include the student name and ID or social security number on all checks and money orders and made payable to St. Francis College. Do not send cash by mail. Mail payments to College’s lock box at:

St. Francis College
PO Box 9500-5920
Philadelphia, PA 19195-5920

Monthly Payment Plan

The College has partnered with Tuition Payment Solutions for the purpose of administering monthly payment plans for the fall and spring semesters. Plan details are available online at http://sfc.tuitionassistant.com/. The toll-free number is (888) 863-8840. 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 the Bursar office at 718.489.5255, or by e-mail at 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.

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 the Bursar’s Office. 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.
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 Bursar Office.

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

<table>
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<th>Date of Withdrawal</th>
<th>Percent Cancellation</th>
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<td>Before the first day of the semester</td>
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<tr>
<td>Week 1</td>
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<tr>
<td>Week 2</td>
<td>50%</td>
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<tr>
<td>Week 3</td>
<td>25%</td>
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<td>Week 4</td>
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<tr>
<td>After the fourth week</td>
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</table>

Before the ninth day of the term: 100%
Between the fifth and ninth days of the term: 25%
During the third and fourth days of the term: 50%
During the first two days of the term: 90%
Before the first day of the semester: 100%

Summer Sessions

May be completed on the WEB at www.fafsa.ed.gov, beginning October 1st of each year. Current information regarding available 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. Students who fail to complete the Free Application for Federal Student Aid (FAFSA) each year may lose eligibility for various forms of financial aid.


Financial Aid Recipients
The College is required to recalculate all aid eligibility for the fall semester if a student completely withdraws from school and is 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 Bursar.

In cases 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 the Bursar’s Office.

Financial Aid
St. Francis College offers a comprehensive financial aid program consisting of federal grants, federal loans, state grants, institutional scholarships, merit aid, need based grants, 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, beginning October 1st of each year. Current information regarding available program and eligibility requirements can be found on the College’s website at https://www.sfc.edu/.

Maintaining Satisfactory Academic Progress (SAP)

To maintain eligibility for federal, state, and institutional aid, students are expected to maintain a certain grade point average as they work towards the completion of their degree.

Additionally, they are required to demonstrate satisfactory progress through course completions. This is calculated as a percentage of completed courses compared to attempted courses. The charts below illustrate the credit completion and GPA requirements for maintaining financial aid eligibility for federal programs, need based grants and state programs.

Federal Satisfactory Academic Progress
Federal regulations (General Provision CRF 668.1) require that St. Francis College review the academic progress of students who apply for and/or receive financial assistance. Satisfactory academic progress is comprised of three areas as required by federal regulations. A student must complete their degree within a specified period, demonstrate they are making progress towards the completion of their degree by earning a minimum number of credits hours each semester, and achieve a GPA that

<table>
<thead>
<tr>
<th>Date of Withdrawal</th>
<th>Percent Cancellation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before the first day of the semester</td>
<td>100%</td>
</tr>
<tr>
<td>Week 1</td>
<td>75%</td>
</tr>
<tr>
<td>Week 2</td>
<td>50%</td>
</tr>
<tr>
<td>Week 3</td>
<td>25%</td>
</tr>
<tr>
<td>Week 4</td>
<td>0%</td>
</tr>
<tr>
<td>After the fourth week</td>
<td>0%</td>
</tr>
</tbody>
</table>

Before the ninth day of the term: 100%
Between the fifth and ninth days of the term: 25%
During the third and fourth days of the term: 50%
During the first two days of the term: 90%
Before the first day of the semester: 100%

St. Francis College

Financing Your Education 23
is consistent with meeting graduation requirements. This regulation applies to each financial aid applicant, whether a previous recipient or not. This policy on satisfactory academic progress relates specifically to full-time undergraduate students who apply for and/or receive federal financial aid and/or institutional need based grants.

**Annual Evaluation**

Annual financial aid Satisfactory Academic Progress (SAP) evaluations will be completed at the end of each academic year and cannot take place until final grades have been posted. This review will determine academic eligibility for the upcoming summer, fall, winter, and/or spring terms. Every student who applies for financial aid must be making Satisfactory Academic Progress, regardless of whether they are a first-time applicant or have received financial aid in the past. Any financial assistance offered for the year ahead is subject to cancellation if the minimum standards of satisfactory academic progress were not met in the year prior.

Incoming freshmen and new transfer students will be considered for financial aid for one academic year prior to the evaluation of Satisfactory Academic Progress. At the end of the first academic year of attendance at St. Francis College, all students will be evaluated based on the standards of their designated academic level. They will then be reviewed annually until graduation. Students who transfer to St. Francis College in January will not be evaluated until they have completed three regular semesters. Each student’s record will be reviewed under the direction of the Director of Financial Aid. Students will be notified of their failure to meet the SAP guidelines via a letter from the Financial Aid Office.

**Maximum Time Frame for Degree Completion**

Federal regulations specify that a student must complete his/her degree within 150% of the published length of the program. The maximum time frame at St. Francis College is measured in semesters. There are no appeals to the maximum time frame regulation.

Credits counted in the maximum time are all attempted credits (even when not a financial aid recipient). Attempted credits include:

- Earned credits – Passed (A through D & P)
- Repeated courses – both attempts
- Withdrawal (W)
- Failures – Failed (F)
- (X) Grades
- All accepted transfer credits (including consortium agreements and Study Abroad courses) toward the degree program

Federal regulations do not allow for the exclusion of courses in which a student has remained past the drop period and earned a grade of “W” from its calculation of the maximum time frame.

**Required Completion Rate**

Federal regulations require that a student make steady progress toward degree completion by earning a minimum number of credit hours each semester. Progress is measured for all students by semester. Earned credit hours include:

- Grades of A through D & P
- Transferred credits – provided they meet degree requirements
- Credits earned from a Consortium Agreement or Study Abroad Program

**Required Grade Point Averages**

Federal regulations require the student to meet minimum cumulative GPA standards to retain eligibility for aid (see the chart below). By the end of four semesters (measured by period of time, not grade level), a student must attain a C average, or an academic standard consistent with the college’s graduation requirements.

**Federal SAP Chart**

The chart below affects eligibility for all federal grants (Pell, SEOG, & Teach), federal loans (Subsidized and Unsubsidized Stafford and PLUS), institutional need based grants and federal work-study.

<table>
<thead>
<tr>
<th>Total credits attempted*</th>
<th>Completed percentage of attempted credits</th>
<th>Total credits attempted*</th>
<th>Minimum grade point average</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – 28</td>
<td>60%</td>
<td>0 – 27</td>
<td>1.50</td>
</tr>
<tr>
<td>29 – 59</td>
<td>70%</td>
<td>28 – 59</td>
<td>1.75</td>
</tr>
<tr>
<td>60 – 96</td>
<td>75%</td>
<td>60 +</td>
<td>2.00</td>
</tr>
<tr>
<td>97 – 160</td>
<td>80%</td>
<td>60 +</td>
<td>2.00</td>
</tr>
</tbody>
</table>

* Inclusive of transfer credit awarded.

**New York State Tuition Assistance Program Satisfactory Academic Progress**

The New York State Education Department regulations regarding eligibility to receive Tuition Assistance Program (TAP) and all other New York State Scholarships require that students be in good academic standing. To maintain good academic standing a student receiving a general or academic performance award must: (1) pursue the program of study in which he or she is enrolled, and (2) make satisfactory academic progress toward the completion of his or her program’s requirements. The two elements of program pursuit and satisfactory academic progress must be met for each term of study in which a State award is received.

In pursuit of the program of study, students must enroll in a certain number of credit hours each semester and earn a specific number of credit hours for that semester. To be making satisfactory academic progress toward a degree, students must maintain specified grade point averages and proceed through the program at a pace leading to completion within a specified time frame. Note that the criteria for the New York State Tuition Assistance Program satisfactory academic progress differs from the federal.
The table below illustrates the specific requirements needed to receive TAP. It is important to note that the number of credit hours that must be completed and earned depends on the number of TAP payments the student has received, not on the year of enrollment. Visit the NYS HESC website for full information.

State SAP Charts
Effective 2010-2011 for student’s receiving first NYS awards payment in 2007-2008 and thereafter.

<table>
<thead>
<tr>
<th>TAP Payment &amp; Points</th>
<th>Min. Total Credits Completed</th>
<th>Min. Credits Pursued Prior Semester*</th>
<th>Min. Grade Point Index</th>
<th>Misc. SFC Rqt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1; 6</td>
<td>0</td>
<td>0</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>2; 12</td>
<td>6</td>
<td>6</td>
<td>1.50</td>
<td></td>
</tr>
<tr>
<td>3; 18</td>
<td>15</td>
<td>6</td>
<td>1.80</td>
<td></td>
</tr>
<tr>
<td>4; 24</td>
<td>27</td>
<td>9</td>
<td>1.80</td>
<td></td>
</tr>
<tr>
<td>5; 30</td>
<td>39</td>
<td>9</td>
<td>2.00</td>
<td>Must have declared a major</td>
</tr>
<tr>
<td>6; 36</td>
<td>51</td>
<td>12</td>
<td>2.00</td>
<td>Must have declared a major</td>
</tr>
<tr>
<td>7; 42</td>
<td>66</td>
<td>12</td>
<td>2.00</td>
<td>Must have declared a major</td>
</tr>
<tr>
<td>8; 48</td>
<td>81</td>
<td>12</td>
<td>2.00</td>
<td>Must have declared a major</td>
</tr>
</tbody>
</table>

* Courses must be completed with a grade of A, B, C, D, F or P. Grades of W or X do not demonstrate pursuit of degree.

Waivers
In extraordinary circumstances (illness, injury, death of a relative, or serious and unanticipated personal problems beyond a student’s control), the College may grant an SAP waiver. Waivers are available only once during the student’s entire undergraduate career. Students who receive an SAP waiver are expected to make up deficiencies and advance to the level necessary to restore eligibility for future semesters. It is important to note in this regard that a waiver merely makes available to a prospective aid recipient assistance for which he or she is otherwise ineligible and does not change the total number of semesters of his or her eligibility. Please contact the Office of Student Financial Services for further information.

Appeal Process
Once it has been determined that you are ineligible to receive financial aid because you did not meet the college’s requirements for Satisfactory Academic Progress (SAP), you may continue to attend classes at your own expense, or you may appeal by following the steps below:

- **Fill out the SAP Appeal Form**
- **Submit a Letter of Explanation**
  You must submit a signed letter of explanation. Be sure to include the nature of the problem, the date the problem occurred, how your studies were affected, and steps you have taken to prevent the problem from occurring again.

Institutional Aid eligibility
Institutional aid includes all St. Francis College scholarships and grants funded by the College and its endowment.

<table>
<thead>
<tr>
<th>Type of scholarship</th>
<th>Minimum grade point average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Academic Scholarships</td>
<td>3.5</td>
</tr>
<tr>
<td>Robert J. McGuire Scholarship</td>
<td>3.0</td>
</tr>
<tr>
<td>Merit Awards</td>
<td>2.5</td>
</tr>
<tr>
<td>Endowment Scholarships</td>
<td>2.5</td>
</tr>
<tr>
<td>Institutional Grants</td>
<td>2.5</td>
</tr>
<tr>
<td>Need Based Awards</td>
<td>Follow the Federal SAP Chart</td>
</tr>
</tbody>
</table>

Type of Appeal
- **Maximum Timeframe** - explain why you have exceeded the number of credits required for graduation from your program of study.
- **Minimum GPA** – explain why you do not have the minimum cumulative GPA of 2.0.
- **Completion Rate (Pace)** - explain why you were unable to complete at least 67% of all hours attempted at SFC.
- **Submit Supporting Documentation**
  Documentation of the extenuating circumstances you described in your statement. Examples might include: Medical documents, Death/birth certificates, Accident reports, Police reports
- **Academic Plan**
  Once you receive notification to your SFC email that your SAP appeal has been conditionally approved, your next step is to create an Academic Plan with the Center of Student Success
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, Mathematics, Health Promotions and Health Sciences; 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.

<table>
<thead>
<tr>
<th>Programs</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Studies</td>
<td>35</td>
</tr>
<tr>
<td>Communication Arts</td>
<td>49</td>
</tr>
<tr>
<td>English</td>
<td>79</td>
</tr>
<tr>
<td>Foreign Languages, Fine Arts, and International</td>
<td>84</td>
</tr>
<tr>
<td>Cultural Studies</td>
<td></td>
</tr>
<tr>
<td>Honors</td>
<td>92</td>
</tr>
<tr>
<td>Liberal Arts</td>
<td>93</td>
</tr>
<tr>
<td>Philosophy and Religious Studies</td>
<td>110</td>
</tr>
<tr>
<td>Professional Studies</td>
<td>115</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Programs</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting and Business Law</td>
<td>29</td>
</tr>
<tr>
<td>Management and Information Technology</td>
<td>94</td>
</tr>
</tbody>
</table>

Sciences, Mathematics, Health Promotions and Health Sciences

Consistent with the mission, goals, and objectives of St. Francis College, the division of Sciences, Mathematics and Health Promotions and Health Sciences 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 health fields. The division encompasses four academic departments and numerous pre-health professions programs through external affiliations.

<table>
<thead>
<tr>
<th>Programs</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology and Health Promotion and Health Sciences</td>
<td>36</td>
</tr>
<tr>
<td>Chemistry and Physics</td>
<td>46</td>
</tr>
<tr>
<td>Mathematics</td>
<td>104</td>
</tr>
<tr>
<td>Nursing</td>
<td>106</td>
</tr>
<tr>
<td>Pre-Health Professions Programs</td>
<td>114</td>
</tr>
</tbody>
</table>

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 society’s institutions and the relationships of individuals and groups within that society as it relates to cultural, historical, political, economic and other factors. 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.

<table>
<thead>
<tr>
<th>Programs</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics, History, Political Science and Social Studies</td>
<td>56</td>
</tr>
<tr>
<td>Education</td>
<td>66</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>83</td>
</tr>
<tr>
<td>Psychology</td>
<td>116</td>
</tr>
<tr>
<td>Sociology and Criminal Justice</td>
<td>121</td>
</tr>
<tr>
<td>Women’s and Gender Studies</td>
<td>126</td>
</tr>
</tbody>
</table>
Accounting and Business Law

Office: Room 5020
Phone: 718.489.5301

Chairperson
Dr. Carmine Nogara

Professors
Horlick
Nogara

Associate Professors
Salholz

Assistant Professors
D’Elia

Lecturers
DiMeglio
Lombardo

Professor Emeritus
Diamond
Yellin

Adjuncts
Batelman
Celano
Cellini
Levenson
Mills
Stack

Department Mission
The primary mission of the Department of Accounting and Business Law is to provide accounting and business majors with a platform to gain the 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 the CPA examination. The degree requirements are registered with the State of New York. (See the section on CPA Certification for clarification.)

Internship programs that provide a guided practical experience in corporate, public, and not-for-profit accounting are available to students. Graduates of the accounting program of St. Francis College have been employed by a broad range of CPA 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 achieve a level of competency in information literacy and 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. The prospective transfer student should see the Chairperson for additional information.

Students Seeking CPA Certification
New York State requires that individuals who apply for licensure in public accounting must complete 150 credit hours in a registered program. Accounting majors at St. Francis who seek to obtain the CPA credential can pursue either the 151 credit combined BS/MS program (if acceptance criteria are met) or the 151 credit BS program. 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 BS/MS degree program. Those students not qualified for entry can complete the 151-hour BS degree program.

In order to enter the combined BS/MS program, students are required to have a minimum grade point average of 2.8 in 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 CPA 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

<table>
<thead>
<tr>
<th>Program</th>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program</td>
<td><strong>See page 15</strong></td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>First Year Program</strong></td>
<td></td>
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<tr>
<td>✗ QR - Take MAT 1105 College Algebra</td>
<td></td>
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<tr>
<td>✗ FH - Take HS 1001 Health Issues</td>
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<tr>
<td>Bodies of Knowledge</td>
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<tr>
<td>✗ SEH - Take ECO 1201 Principles of Macroeconomics</td>
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</tr>
<tr>
<td>✗ SEH - Take ECO 2202 Principles of Microeconomics</td>
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</tr>
<tr>
<td>ACC 1101 Elementary Accounting I</td>
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<td>4</td>
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<tr>
<td>ACC 1102 Elementary Accounting II</td>
<td></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACC 2101 Intermediate Accounting I</td>
<td></td>
<td>4</td>
<td></td>
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</tr>
<tr>
<td>ACC 2102 Intermediate Accounting II</td>
<td></td>
<td>4</td>
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<tr>
<td>ACC 2201 Accounting Information Systems</td>
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<td>3</td>
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<td>ACC 3301 Cost Accounting</td>
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<td>ACC 4101 Advanced Accounting Problems</td>
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<td>ACC 4401 Auditing Principles</td>
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<td>ACC 4501 Taxation for Individuals</td>
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<td>BL 2101 Business Law I</td>
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<tr>
<td>BL 2102 Business Law II</td>
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<tr>
<td>BUS 1001 Organization and Management</td>
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<td>ECO 2306 Money and Banking</td>
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<tr>
<td>ECO 3331/FIN 3301 Principles of Finance</td>
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<td>MAT 1109 Math for Managerial Science</td>
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<td>MKT 2201 Marketing</td>
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<tr>
<td>ORM 3301 Empirical Methods for Business Research</td>
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<tr>
<td>WRI 2250 Business Communications</td>
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<tr>
<td>Liberal Arts</td>
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<tr>
<td>General electives</td>
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<td><strong>Graduate Courses:</strong></td>
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</tr>
<tr>
<td>ACC 6202 Advanced Accounting Information Systems</td>
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<td>3</td>
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<tr>
<td>ACC 6402 Advanced Auditing</td>
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<tr>
<td>ACC 6502 Taxation for Business Organizations</td>
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<td>4</td>
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<tr>
<td>ACC 7998 Graduate Seminar in Accounting</td>
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<td>BUS 7999 Business Policies Capstone</td>
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<tr>
<td>ECO 6411 Economic Theory and Analysis</td>
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<td>FIN 6501 Advanced Finance</td>
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<td>ORM 6308 Quantitative Methods in Business I</td>
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<td>PHI 7342 Business Ethics</td>
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<tr>
<td><strong>Total credits required</strong></td>
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<td>151</td>
<td></td>
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</table>

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

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

2 A cumulative graduate G.P.A. of 3.0 is required.

3 Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category.

For specific academic subjects, see page 15.
## C.P.A. Track—151-Hour B.S. Degree Program

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
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<tr>
<td>General Education Program <em>(see page 15)</em> ....................................</td>
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<tr>
<td>First Year Program ........................................................................</td>
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<tr>
<td><strong>QR - Take MAT 1105 College Algebra</strong> ......................................</td>
<td></td>
<td>MAT 1101 or placement exam</td>
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<tr>
<td><strong>FH - Take HS 1001 Health Issues</strong> ........................................</td>
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<tr>
<td>Bodies of Knowledge .......................................................................</td>
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<tr>
<td><strong>SEH - Take ECO 1201 Principles of Macroeconomics</strong> ...................</td>
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<td>MAT 1101 or placement exam</td>
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<td>ACC 3301 Cost Accounting ................................................................</td>
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<td>ACC 1001 or ACC 1102</td>
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<tr>
<td>ACC 4101 Advanced Accounting Problems .......................................</td>
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<td>ACC 1001 or ACC 1102</td>
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<td>ACC 4401 Auditing Principles ....................................................</td>
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<td>ACC 4501 Taxation for Individuals .............................................</td>
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<tr>
<td>ACC 4502 Taxation for Business Organizations ................................</td>
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<td>ACC 4998 Senior Seminar in Accounting* .......................................</td>
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<td>ACC 1001 or ACC 1102</td>
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<td>BUS 4998 Business Policies .......................................................</td>
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<td>ECO 3331/FIN 3301</td>
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<td>ECO 2306 Money and Banking .......................................................</td>
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<td>ECO 3331/FIN 3301 Principles of Finance ......................................</td>
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<td>Senior standing</td>
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<td>MAT 1109 Math for Managerial Science .........................................</td>
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<td>ECO 1201; pre- or co-requisite: ECO 2202</td>
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<td>Select ANY TWO BUS, FIN, HR, MKT, or ORM courses ..........................</td>
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</table>

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

* Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e., minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
Non-C.P.A. Track—130-Hour B.S. Degree Program

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
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<tr>
<td>General Education Program (see page 15)</td>
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<tr>
<td>First Year Program</td>
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<tr>
<td>✪ QR - Take MAT 1105 College Algebra</td>
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<td>✪ FH - Take HS 1001 Health Issues</td>
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</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
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<tr>
<td>✪ SEH - Take ECO 1201 Principles of Macroeconomics</td>
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<tr>
<td>✪ SEH - Take ECO 2202 Principles of Microeconomics</td>
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<tr>
<td>ACC 1102 Elementary Accounting II</td>
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<td>ACC 1102</td>
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<td>IT 1001 (may be taken as pre- or co-requisite)</td>
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<td>ACC 2201 Accounting Information Systems</td>
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<tr>
<td>ACC 4401 Auditing Principles</td>
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<td>ACC 2101</td>
<td>ACC 1001 or ACC 1102</td>
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<td>ACC 4501 Taxation for Individuals</td>
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<td>ACC 1001 or ACC 1102</td>
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<td>BUS 1001 Organization and Management</td>
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<td>ECO 3331/FIN 3301</td>
<td>ORM 3301</td>
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<td>BUS 4998 Business Policies</td>
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<td>MKT 2201</td>
<td>ECO 3331/FIN 3301</td>
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<td>ECO 2306 Money and Banking</td>
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<td>ORM 3301 or MAT 2301</td>
<td>Senior standing</td>
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<td>ECO 3331/FIN 3301 Principles of Finance</td>
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<td>ECO 1201; pre- or co-requisite: ECO 2202</td>
<td>ACC 1001 or ACC 1101</td>
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<td>ECO 2202 or ECO 2306</td>
<td>MAT 1105 or placement exam</td>
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<td>PHI 2342 Business Ethics</td>
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<td>WRI 2250 Business Communication</td>
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<tr>
<td>Liberal Arts(^2) (for specific academic subjects, see page 15)</td>
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<td>General electives</td>
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</table>

\(^1\)The successful completion of ACC 4998 satisfies the College’s Comprehensive Examination/Thesis requirement.

\(^2\) Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
### Minor in Corporate Accounting

#### Required Courses and Credits for Liberal Arts Majors

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 1101 Elementary Accounting I</td>
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<tr>
<td>ACC 2201 Accounting Information Systems</td>
<td>3</td>
<td>ACC 1101</td>
<td>IT 1001</td>
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<tr>
<td>ACC 4501 Taxation for Individuals</td>
<td>3</td>
<td>ACC 1001 or ACC 1102</td>
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<tr>
<td>IT 1001 Computer Tools</td>
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#### Required Courses and Credits for Management Majors

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<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
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<tr>
<td>ACC 1101 Elementary Accounting I</td>
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<td>MAT 1101 or placement exam</td>
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<td>ACC 1102 Elementary Accounting II</td>
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<td>ACC 4401 Auditing Principles</td>
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<td>ACC 1101 and IT 1001</td>
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<td>ACC 4501 Taxation for Individuals</td>
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<td>IT 1001 Computer Tools</td>
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#### M.S. in Professional Accountancy

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<th>Co-Requisite(s)</th>
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<tr>
<td>ACC 6102 Accounting Theory and Reporting II</td>
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<td>ACC 6101</td>
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<td>ACC 6301 Managerial Accounting</td>
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<td>Acceptance into MS Program</td>
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<td>ACC 6401 Auditing and Assurance Services</td>
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<td>ACC 6101</td>
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<td>ACC 6501 Individual Taxation</td>
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<td>Acceptance into MS Program</td>
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<td>ACC 7101 Special Topics in Accounting</td>
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<td>ACC 6102</td>
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<td>ACC 7998 Graduate Research Seminar in Accounting</td>
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<td>ACC 7101</td>
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<td>PHI 7342 Business Ethics</td>
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<td>One Undergrad PHI course or Acceptance into MS Program</td>
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<td><strong>Select TWO of the following courses</strong></td>
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<td>ACC 6402 Advanced Auditing</td>
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<td>ACC 6502 Taxation for Business Organizations</td>
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<tr>
<td>BL 6101 Business Law for Accounting Professionals</td>
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<td>BL 6102 Advanced Business Law for Accounting Professionals</td>
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</table>
American Studies

Office: Room 6011
Phone: 718.489.5284 or 718.489.5440

Directors
Dr. Athena Devlin
Dr. Jennifer Wingate

Minors Mission

The American Studies minor 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 program gives students a “stand out” addition to their transcript and resume.

Goals and Objectives

● Develop skills of critical thinking, effective oral and written communication, and research.
● Practice 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

Minor in American Studies

Required Courses

<table>
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<tr>
<th>Course Code</th>
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</tr>
<tr>
<td>AMS 4998</td>
<td>Capstone Seminar in American Studies</td>
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Select ONE American History (HIS) survey course ......................................................... 3

Select THREE of the following courses .......................................................................... 9

BL 5302 Law in U.S. Culture: From the Constitution of Law and Order .........................................................
BUS 2003 Changes in Corporate Culture & Your Career .........................................................
COM 3150 Popular Music .....................................................................................................
ENG 2000 Walt Whitman’s America ......................................................................................
ENG 2150 Gender in American Lit and Culture .....................................................................
ENG 2555 American in the 1940s .........................................................................................
ENG 3130/SOC 3130 Crime, Justice and American Fiction ......................................................
FA 2408 Commemorative Practices in the U.S. .....................................................................
FA 2409 Art of Social Change ............................................................................................
HIS 2107/SOC 4010 Post World War II U.S. Protest Movements ..............................................
HIS 3314 Topics in Public History ......................................................................................
HIS 3456 American Cultural History ...................................................................................
HIS 3501 Atlantic World ....................................................................................................
ICS 1250 Latinos in the Americas ......................................................................................
PHI 3310 American Philosophy ............................................................................................
REL 2113 American Evangelicalism ....................................................................................... 3

Prerequisite(s) Co-Requisite(s)

AMS 1001, Any American History (HIS) survey course, WRI 1100 and Chairperson's approval
AMS 1001 and WRI 1100
AMS 1001 and WRI 1100 or FA 1402 or FA 1420
ENG course 2000 or higher
HIS 1201 and SOC 1000
HIS 1201
HIS 1201 and WRI 1100
and WRI 1100 or HIS 1201
One PHI course
One 1000 Level REL course

Total credits required ........................................................................................................ 18
Biology, Health Promotion, and Health Care Management

Office: Room 5220
Phone: 718.489.5439

Chairperson
Dr. Kathleen Nolan

Professors
Burdowski
Corrigan
Lipson
Nolan

Associate Professors
Eaddy

Assistant Professor
Dell
Montecalvo
Ruiz
Segares

Professional Advisor/Assistant
Rivera

Laboratory Instructor
Joseph

Laboratory Supervisor
Kovenat

Adjuncts
Baron-Faust
Batchu
Becirovic
Congo
Ivanov
Joseph
Kwasniewski
Lee
Muir
Pamar
Peterson
Riaz
Rivera
Samms
Shashidharan
Sylvester
Underwood
William
Yee

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, Health Promotion and Health Care Management department offers majors in Biology, Health Promotion, Health Care Management, Biomedical Science (podiatric ONLY), and Radiologic Sciences; Radiologic Sciences are offered in association with medical center in New York. The Radiologic Sciences program at Center for Allied Health 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
- Students will demonstrate how to use the scientific method.
- Students will understand important concepts in population biology, ecology and evolution, molecular and cellular biology and organismal biology.
- Students will read and interpret a wide variety of biological literature.
- Students will write research papers and make oral presentations about biology.
- Students will use the scientific resources of New York City to help them in their learning.
- Students will be prepared to pursue graduate degrees in the sciences.

Objectives
- Students will understand and apply the proper usage of biology vocabulary in novel situations.
- Students will perform biological lab experiments that demonstrate the scientific method.
- Students will be able to write a cogent lab report that uses the scientific method.
- Students will make oral presentations that demonstrate the scientific method.
- Students will be able to demonstrate connections among population biology, ecology and evolution, molecular and cellular biology and organismal biology, and among biology, chemistry and physics.
- Students will be able to collect and analyze data using statistics.
- Students will make qualitative and quantitative assessments of their own data as well as that in scientific literature.
- Students will be able to discuss and explain biological phenomena learned through field trips.
- Students will be able to create and explain illustrations of biological phenomena.
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, academic research, industrial research, and secondary school teaching. The program fosters and approaches significant contributions of biological scientists to humanity. Their science courses are integrated with the general education requirements.

During the first year, students 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 take senior seminar and finish biology electives. 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 as part of a senior seminar course.

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 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.

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 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.

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 in the field of health and wellness education. 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

- Prepare Health Promotion majors for national certification as health education specialists.
- Prepare students for graduate study.
- Prepare students for entry into the allied health or health and fitness career professions.

Objectives

- Students will demonstrate knowledge, skills and behaviors appropriate to entry-level positions in health and fitness organizations.
- Students will demonstrate respect and understanding of diverse populations and achieve a level of cultural competency appropriate for professional working environments.
- Students will learn to work constructively and collaboratively in a working/research group or committee.
- Students will gain “hands-on” experience working and/or volunteering in a professional work environment as part of a “service-learning” or internship experience.
- Students will investigate, analyze and write a well-documented research paper based on a complex health problem.
- Students will formulate a comprehensive oral presentation.
- Students will develop, achieve and sustain a commitment to personal and professional growth.

Program Requirements

Major in Health Promotion and Science

The Health Promotion and Science major offers students the opportunity to study an exciting and growing segment of the health 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 program also prepares students for graduate work in public health, and, along with additional courses, nursing, occupational and physical therapy. 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 capstone free electives in the major. Do NOT accept transfer credits for the basic major sequences of requirements (HS 2150, 2151, 3250, 3251, HS 4993, 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 2.0 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.

Mission of the Health Care Management Major
The Health Care Management major provides a fundamental and thorough education in the liberal arts tradition while concurrently providing pre-professional preparation in the field of health care management, particularly as regards health care facilities such as hospitals and nursing homes. 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
● Prepare Health Care Management majors with the tools they will need to work in health care facilities.
● Prepare students for graduate study.

Objectives
● Students will demonstrate knowledge, skills and behaviors appropriate to entry-level positions in health care management.
● Students will demonstrate respect and understanding of diverse populations and achieve a level of cultural competency appropriate for professional working environments.
● Students will learn to work constructively and collaboratively in a working/research group or committee.
● Student will gain “hands-on” experience working and/or volunteering in a professional work environment as part of a “service-learning” or internship experience.
● Students will investigate, analyze and write a well-documented research paper based on a complex health problem.
● Students will understand legal issues in health care.
● Students will formulate a comprehensive oral presentation.
● Students will develop, achieve and sustain a commitment to personal and professional growth.
● Students will formulate strategic plans for a health care facility.
● Students will solve case studies involving health care management issues.
● Students will become proficient in health policy and regulations regarding health care facilities.
## Major in Biology

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Education Program</strong></td>
<td>52</td>
<td></td>
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<tr>
<td><strong>First Year College</strong></td>
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<tr>
<td><strong>Bodies of Knowledge</strong></td>
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</tr>
<tr>
<td>NPW - Take CHE 1201 General Chemistry I (5 crs)</td>
<td></td>
<td></td>
<td>MAT 1105 or higher</td>
</tr>
<tr>
<td>NPW - Take CHE 1202 General Chemistry II (5 crs)</td>
<td></td>
<td></td>
<td>MAT 1107 or higher</td>
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<tr>
<td>BIO 1201 General Biology I</td>
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<tr>
<td>BIO 1202 General Biology II</td>
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<td>BIO 1201</td>
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<td>BIO 2250 Introduction to Cell Biology</td>
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<tr>
<td>BIO 3303 Genetics</td>
<td>4</td>
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</tr>
<tr>
<td>BIO 4998 Biology Seminar</td>
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<td>BIO Distribution, choose one course in each group</td>
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<tr>
<td>Select ONE course from Group A below</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Select ONE course from Group B below</td>
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<td></td>
<td></td>
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<tr>
<td>Select ONE course from Group C on the next page</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Select ONE BIO course 2000 or higher</td>
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<tr>
<td>CHE 2101 Organic Chemistry I</td>
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<td>CHE 1202</td>
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</tr>
<tr>
<td>CHE 2102 Organic Chemistry II</td>
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<tr>
<td>CHE 3001 Biochemistry</td>
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<td>CHE 2102</td>
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</tr>
<tr>
<td>MAT 2202 Calculus I</td>
<td>4</td>
<td>MAT 1107 or placement exam</td>
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<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>MAT 2203 Calculus II</td>
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<tr>
<td>MAT 2301 Statistics</td>
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<td>MAT 1104 or higher or placement exam</td>
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<tr>
<td>PHY 2001 General Physics I</td>
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<td>PHY 2001</td>
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<td>PHY 2002 General Physics II</td>
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<tr>
<td>General Electives</td>
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<tr>
<td><strong>Total credits required</strong></td>
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<td></td>
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</tbody>
</table>

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

1 Three of these electives must be four credit laboratory courses.

2 All majors are strongly encouraged to become conversant in a language other than English.

### Group A — Population Biology Ecology and Evolution

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
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</thead>
<tbody>
<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>BIO 2203 Invertebrate Zoology</td>
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<td>BIO 1202</td>
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<tr>
<td>BIO 2204 Ecology</td>
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<td>BIO 2280 Biological Evolution</td>
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<tr>
<td>BIO 3302 Botany</td>
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</tr>
<tr>
<td>BIO 4005 Parasitology</td>
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<td><strong>Total credits required</strong></td>
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### Group B — Molecular and Cellular Biology

<table>
<thead>
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<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
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<td>Select ONE of the following courses</td>
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<tr>
<td>BIO 2206 Histology</td>
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<td>BIO 1202</td>
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<tr>
<td>BIO 3310 Advanced Cell Biology</td>
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<td>BIO 1202</td>
<td>CHE 2102</td>
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<tr>
<td>BIO 3320 Molecular Biology</td>
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<td>BIO 1202</td>
<td>CHE 2102</td>
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<tr>
<td>BIO 4405 Immunology</td>
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<td>BIO 3310</td>
<td>BIO 2250</td>
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<td>BIO 4480 Bioinformatics</td>
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</table>
Group C—Organismal Biology

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select ONE of the following courses.</td>
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<td>BIO 1202</td>
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<tr>
<td>BIO 2202 Comparative Anatomy</td>
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</tr>
<tr>
<td>BIO 2210 Developmental Biology</td>
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<tr>
<td>BIO 3300 Microbiology</td>
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<td>BIO 3350 Physiology</td>
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<tr>
<td>BIO 4409 Neurobiology</td>
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<td>BIO 4420 Virology</td>
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<td>BIO 4405 Endocrinology</td>
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<tr>
<td>BIO 4450 Pharmacology</td>
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<td>BIO 1202 or BIO 1141</td>
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</table>

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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>52</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>NPW - Take CHE 1201 General Chemistry I</td>
<td>5</td>
<td>MAT 1105 or higher</td>
<td>CHE 1201</td>
</tr>
<tr>
<td>NPW - Take CHE 1202 General Chemistry II</td>
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<td>CHE 1201</td>
<td></td>
</tr>
<tr>
<td>BIO 1201 General Biology I</td>
<td>5</td>
<td>BIO 1201</td>
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<td>BIO 1202 General Biology II</td>
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<td>BIO 1202</td>
<td>CHE 2101</td>
</tr>
<tr>
<td>BIO 2250 Introduction to Cell Biology</td>
<td>4</td>
<td>BIO 1202</td>
<td>CHE 2102</td>
</tr>
<tr>
<td>BIO 3303 Genetics</td>
<td>4</td>
<td>BIO 1202</td>
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</tr>
<tr>
<td>BIO 3320 Molecular Biology</td>
<td>4</td>
<td>BIO 1202</td>
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<tr>
<td>CHE 2101 Organic Chemistry I</td>
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<td>CHE 1202</td>
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<td>CHE 2102 Organic Chemistry II</td>
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<tr>
<td>CHE 3001 Biochemistry</td>
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<td>CHE 2102</td>
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<tr>
<td>MAT 2202 Calculus I</td>
<td>4</td>
<td>MAT 1107 or placement exam</td>
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<tr>
<td>MAT 2301 Statistics</td>
<td>3</td>
<td>MAT 1104 or higher or placement by exam</td>
<td></td>
</tr>
<tr>
<td>PHY 2001 General Physics I</td>
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<td>MAT 1107</td>
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<tr>
<td>PHY 2002 General Physics II</td>
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<td>PHY 2001</td>
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</tr>
<tr>
<td>Cooperative Training Program through</td>
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<tr>
<td>New York College of Podiatric Medicine</td>
<td>33</td>
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</tbody>
</table>

Total credits required: 136
Major in Radiologic Sciences

The Biology and Health Promotion department offers majors in Biology, Biomedical Science (podiatric), Medical Technology, and Radiologic Sciences. Radiologic Sciences are offered at medical centers in New York. (St. Francis College awards the B.S. degree). St. Francis students placed at Center for Allied Health complete clinical work in three areas of concentration: Radiation Therapy, Diagnostic Medical Sonography, and Radiography. St. Francis College awards the BS degree.

The Radiologic Sciences program at Center for Allied Health has three areas of concentration: radiography, radiation therapy and diagnostic medical sonography.

The SFC Biology and Health Promotion Department supervise all programs.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
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</tr>
<tr>
<td>First Year College</td>
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<tr>
<td>• FH - Take HS 1001 Health Issues</td>
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<td>• ITML - Take IT 1001 Computer Tools</td>
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<td>Bodies of Knowledge</td>
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<tr>
<td>• NPW - Take BIO 1140 Anatomy and Physiology I (4 crs)</td>
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<td>BIO 1140</td>
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<tr>
<td>• NPW - Take BIO 1141 Anatomy and Physiology II (4 crs)</td>
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<tr>
<td>PSY 1100 General Psychology</td>
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<tr>
<td>PHY 1001 Physics and the Modern World*</td>
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<tr>
<td>Radiologic Science credits at Center for Allied Health</td>
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<tr>
<td>Liberal Arts(1) (for specific academic subjects, see page 15)</td>
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<tr>
<td>Total credits required</td>
<td>126-140</td>
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</table>

Must complete an AA_Liberal Arts prior to commencing clinical work.

*Students must achieve required grades in MATH and SCIENCE courses; see department for specific information.

1Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
### Major in Health Promotion and Science

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
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<tr>
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<td>First Year College</td>
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<td>Bodies Of Knowledge</td>
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<td><strong>NPW - Take BIO 1141 Anatomy and Physiology II (4 crs)</strong></td>
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<tr>
<td>HS 1201 Community Health</td>
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<tr>
<td>HS 2150 Methods of Teaching Health</td>
<td>3</td>
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<tr>
<td>HS 2151 Theory and Research in Health Promotion</td>
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<td>HS 2406 Epidemiology</td>
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<tr>
<td>HS 3250 Designing Health-Promotion Programs</td>
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<td>HS 3251 Implementation and Evaluation of Health-Promotion Programs</td>
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<td>HS 4350 Introduction to Research and Bioethics in Health Sciences</td>
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<tr>
<td>HS 4990 Internship in Allied Health Promotion</td>
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<td>HS 4998 Seminar in Health Promotion</td>
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<td>Select <strong>THREE</strong> health-promotion-electives</td>
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<td>HS 1206 Safety and First Aid</td>
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<td>HS 1207 Nutrition</td>
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<td>HS 1305 Coping with Stress</td>
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<td>HS 1306 Healing and Wholeness</td>
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<td>HS 1403 Women's Health Issues</td>
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<td>HS 1419 Death, Loss, and Grief</td>
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<td>HS 1501 Introduction to Public Health</td>
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<td>HS 2240 Introduction to Environmental Public Health</td>
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<td>MAT 2301 Statistics</td>
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<td>MAT 1104 or higher or placement exam</td>
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</tr>
<tr>
<td>PSY 1100 General Psychology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 2502 Moral Values and Health Issues</td>
<td>3</td>
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</tr>
<tr>
<td>General electives</td>
<td>27</td>
<td></td>
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<tr>
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</tbody>
</table>

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

### Major in Health Care Management

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
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<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>48</td>
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<td>First Year College</td>
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<tr>
<td>Bodies Of Knowledge</td>
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<tr>
<td><strong>NPW - Take BIO 1101 Introduction to Human Biology (3)</strong></td>
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<tr>
<td>HC 1001 Introduction to American Health Service Delivery</td>
<td>3</td>
<td>HC 1001 with a grade of C or higher</td>
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<tr>
<td>HC 2001 Organization and Management of Health Institutions</td>
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<td>HC 1001 with a grade of C or higher</td>
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<tr>
<td>HC 2002 Legal Issues in Health Care</td>
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<td>HC 1001 with a grade of C or higher</td>
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<tr>
<td>HC 2003 Decision Making in Health Care</td>
<td>3</td>
<td>HC 1001 with a grade of C or higher</td>
<td></td>
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<tr>
<td>HC 3001 Personnel Management in the Health Field</td>
<td>3</td>
<td>HC 1001 with a grade of C or higher</td>
<td></td>
</tr>
<tr>
<td>HC 4990 Field Placement in the Health Field</td>
<td>3</td>
<td>Department Approval and Senior Standing</td>
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</tr>
<tr>
<td>HC 4998 Senior Seminar¹</td>
<td>3</td>
<td>Department Approval and Senior Standing</td>
<td></td>
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<tr>
<td>Select <strong>TWO</strong> Health-Care Management-electives or HS electives</td>
<td>6</td>
<td>MAT 1101 or higher</td>
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<tr>
<td>ACC 1700 Accounting for the Health Care Organization</td>
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<tr>
<td>HS 1201 Community Health</td>
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<td></td>
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</tr>
<tr>
<td>MAT 2301 Statistics</td>
<td>3</td>
<td>MAT 1104 or higher or placement exam</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts² (for specific academic subjects, see page 15)</td>
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<tr>
<td>General electives</td>
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</tbody>
</table>

¹The successful completion of HC 4998 satisfies the College’s Comprehensive Examination/Thesis requirement.

² Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category.
For specific academic subjects, see page 15.
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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1201 General Biology I</td>
<td>5</td>
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<td>CHE 1201</td>
</tr>
<tr>
<td>BIO 1202 General Biology II</td>
<td>5</td>
<td>BIO 1201</td>
<td>CHE 1202</td>
</tr>
<tr>
<td>BIO 2250 Introduction to Cell Biology</td>
<td>4</td>
<td>BIO 1202</td>
<td>CHE 2101</td>
</tr>
<tr>
<td>Select <strong>TWO</strong> BIO courses</td>
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<tr>
<td>CHE 1201 General Chemistry I</td>
<td>5</td>
<td>MAT 1107 or exam</td>
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<tr>
<td>CHE 1202 General Chemistry II</td>
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<td>CHE 1201</td>
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<tr>
<td><strong>Total credits required</strong></td>
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</table>

Minor in Health Promotion and Science

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
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<tr>
<td>HS 2150 Methods of Teaching Health</td>
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<tr>
<td>HS 2151 Theory and Research in Health Promotion</td>
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<tr>
<td>HS 3250 Designing Health-Promotion Programs</td>
<td>3</td>
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<tr>
<td>HS 3251 Implementation and Evaluation of Health-Promotion Programs</td>
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<td>Select <strong>TWO</strong> of the following courses</td>
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<tr>
<td>HS 1201 Community Health</td>
<td></td>
<td></td>
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<tr>
<td>HS 1206 Safety and First Aid</td>
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<tr>
<td>HS 1207 Nutrition</td>
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<td></td>
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<tr>
<td>HS 1305 Coping with Stress</td>
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<td></td>
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</tr>
<tr>
<td>HS 1306 Healing and Wholeness</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS 1403 Women’s Health Issues</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>HS 1419 Death, Loss, and Grief</td>
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</tr>
<tr>
<td>HS 1501 Introduction to Public Health</td>
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<td></td>
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<tr>
<td>HS 2406 Epidemiology</td>
<td></td>
<td></td>
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<tr>
<td>HS 2240 Introduction to Environmental Public Health</td>
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<tr>
<td><strong>Total credits required</strong></td>
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</tr>
</tbody>
</table>

St. Francis College

Programs of Study 43
Minor in Public Health

The minor in Public Health will provide students with an introduction to the vital principles of public health. Through two required courses in public health and epidemiology, students explore the ways social, political, and economic forces influence the health of populations and learn about the causes and control of disease, including epidemics and pandemics. Elective courses allow students either to focus on public health, through courses in global public health, nutrition, economics, sociology, health care, history of medicine, and health policy.

This minor is appropriate for students considering careers and/or further study in the health professions, particularly in medicine, community or global public health, political science, management, sociology, psychology, prelaw, social work, health promotion, nursing, and other fields. The past few years have seen an increase of interest in public health, by not only students in Biology and the Health Promotion Department, but from other majors. The college has seen an increase in students expressing interest in applying to graduate programs in public health. The minor in public health will provide an opportunity for our students to utilize this program to augment their education in this area. Additionally, after reviewing the topics of the new MCAT exams, there is an increased expectation that students should be aware of issues that are related to the delivery of health care, health care, public health, the sociology of health care and epidemiology.

The minor in Public Health is an interdisciplinary program with two required courses offered and administered by the Department of Biology and Health Promotion.

Courses                                      Credits | Prerequisite(s) | Co-Requisite(s) |
--------------------------------------------|---------|----------------|----------------|
Select TWO of the following courses         7-8     |                      |                |
BIO 1101 Introduction to Human Biology      |         |                |                |
BIO 1107 Anatomy and Physiology             |         | BIO 1107       | CHE 1201       |
BIO 1108 Anatomy and Physiology II          |         | BIO 1107       |                |
BIO 1201 General Biology I                  |         |                |                |
BIO 1140 Anatomy and Physiology for Health Science I |       |                |                |
HS 1501 Introduction to Public Health       | 3       |                |                |
HS 2406 Epidemiology                        | 3       |                |                |
Select TWO of the following courses         6       | AMS 1001  |                |
                              | WRI 1100 |                |                |
BIO 1001 History of Science and Medicine in America |  |                |
HS 1201 Community Health                    |         |                |                |
HS 1207 Nutrition                           |         |                |                |
HS 1306 Healing and Wholeness               |         |                |                |
HS 1403 Women’s Health Issues               |         |                |                |
HS 2240 Introduction to Environmental Public |         |                |                |
HS 2150 Methods of Teaching Health          |         | ECO 1201       |                |
ECO 3310 Health Economics                   |         |                |                |
REL 2502 Moral Values and Health Issues     |         | SOC 1000       |                |
SOC 4008 Special Topics: Sociology of Health and Medicine |  |                |
Total credits required                      19-20   |                |                |
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 Certified 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. They are:

- Area I: Assess Needs, Assets and Capacity for Health Education
- Area II: Plan Health Education
- Area III: Implement Health Education
- Area IV: Conduct Evaluation and Research Related to Health Education
- Area V: Administer and Manage Health Education
- Area VI: Serve as a Health Education Resource Person
- Area VII: Communicate and Advocate for Health and Health Education

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 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:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
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<tbody>
<tr>
<td>HS 1001 Health Issues</td>
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<tr>
<td>HS 1201 Community Health</td>
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<td></td>
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</tr>
<tr>
<td>HS 2105 Introduction to Health Promotion</td>
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<td></td>
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<tr>
<td>HS 2151 Theory and Research in Health Promotion</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>HS 2406 Epidemiology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS 3250 Designing Health Promotion Programs</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS 3251 Implementation and Evaluation of Health Promotion Programs</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS 4350 Introduction to Research and Bioethics in Health Promotion</td>
<td>3</td>
<td>HS 4350</td>
<td>Senior Standing</td>
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<tr>
<td>HS 4998 Seminar in Health Promotion</td>
<td>3</td>
<td></td>
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</table>
Chemistry and Physics

Office: Room 7202
Phone: 718.489.5295

Chairperson
Dr. Evelyn A. Wolfe

Professor
Wolfe

Associate Professor
Califano
Davidson
Helburn

Lab Instructor
Chowdhury

Adjuncts
Adebayo-Olojo
Bass
Bastos
Buabeng
Matloob-Haghanikar
Ponnala
Smith
Telting-Diaz

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, biotechnical or pharmaceutical industries. The department encourages Chemistry majors to fully explore the chemical sciences and allied fields through participation in research, seminars, and science-based clubs and activities. 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 chemistry majors with a solid foundation in chemistry and physics that will allow them to continue their study of chemistry at the graduate level.
• Provide students interested in the health professions with the necessary background in chemistry and physics.
• Develop students’ ability to engage in scientific inquiry using 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 students with excellent preparation for medical school and other professional schools, graduate studies, teaching, research, laboratory work, and a variety of other science-related opportunities.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
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<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>52</td>
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<tr>
<td>First Year College</td>
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<tr>
<td>Bodies of Knowledge</td>
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<tr>
<td>➤ NPW - Take BIO 1201 General Biology I (5 crs)</td>
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<td>BIO 1201</td>
<td>MAT 1105 or higher</td>
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<td>➤ NPW - Take BIO 1202 General Biology II (5 crs)</td>
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<td>MAT 1107 or higher</td>
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<td>CHE 1202 General Chemistry II</td>
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<tr>
<td>CHE 2050 Analytical Chemistry</td>
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<td>CHE 2101 Organic Chemistry I</td>
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<tr>
<td>CHE 2102 Organic Chemistry II</td>
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<td>CHE 2301 Inorganic Chemistry</td>
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<td>CHE 3001 Biochemistry</td>
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<td>CHE 4001 Physical Chemistry I</td>
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<td>CHE 4002 Physical Chemistry II</td>
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<tr>
<td>CHE 4050 Instrumental Methods of Analysis</td>
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<td>CHE 4998 Senior Project</td>
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</tr>
<tr>
<td>MAT 2202 Calculus I</td>
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</tr>
<tr>
<td>MAT 2203 Calculus II</td>
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<tr>
<td>PHY 2001 General Physics I</td>
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</tr>
</tbody>
</table>

¹ 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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15) .......................................</td>
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<tr>
<td>First Year College ...........................................................................</td>
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<tr>
<td>Bodies of Knowledge ........................................................................</td>
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<td>BIO 1201</td>
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<tr>
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<td>MAT 1105 or higher</td>
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<tr>
<td>CHE 1202 General Chemistry II ..................................................</td>
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<td>CHE 1201</td>
<td>CHE 1202</td>
</tr>
<tr>
<td>CHE 2050 Analytical Chemistry .................................................</td>
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<td>CHE 1202</td>
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</tr>
<tr>
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<td>IT 1103 Computer-Based Information Systems ..................................</td>
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<td>IT 1104 Programming I ...................................................................</td>
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<td>IT 2410 Web Design .......................................................................</td>
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<td>IT 1001</td>
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<td>IT 2510 Database Management Systems ...........................................</td>
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<tr>
<td>IT 2550 Medical Informatics ......................................................</td>
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</tbody>
</table>

∗ All majors are advised to gain computer and/or second language proficiency.

## Minor 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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
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<tbody>
<tr>
<td>CHE 1201 General Chemistry I ....................................................</td>
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<td>MAT 1105 or higher</td>
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<tr>
<td>CHE 1202 General Chemistry II ..................................................</td>
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<td>CHE 2102</td>
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<tr>
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</tbody>
</table>
Communication Arts

Office: Room 7319
Phone: 718.489.5428

Chairperson
Dr. Scott Weiss

Associate Professors
Dugan
Weiss
Palmer

Assistant Professor
Gregory

Special Lecturer
Gewirtz
Lazar
Steven
McSherry

Adjuncts
Caldwell
Coulanges
Fagan
Grant
Hamwey
Harwood
Mahmud
Ocho-Coultes
Puerto
Relkin
Rothacker
Turner

Professor Emeritus
Setrakian

Professor Emerita
Vigliano

Department Mission

The Communication Arts program seeks to approach today’s vast and rapidly changing communication and media world through a major in Communication Arts. Students may choose to concentrate in four areas of focused study: Digital Media: Film, Broadcasting, and Journalism; Advertising and Public Relations; Performance Studies; and English and Communication studies; Major in Communication.

With its specialized preparation for career and graduate school, Communication Arts contributes to the General Education Program at St. Francis College through Fundamentals of Public Speaking, 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 numerous Film Festivals sponsored by the Communication Arts Department 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. Guest lecturers include directors and experts in film and television production, journalism, advertising, and public relations and media.

The Communication Arts Program is supported by a state of the art 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. 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

● 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.

● Develop and understand of cultural theories, including analysis of film, performance, television, journalism, advertising and public relations.

● Enable students to use performative and digital practices for creative expression and to address real world issues.

● Enable students to understand their own roles as both domestic and international citizen and the social responsibilities of these roles.

● Cultivate an appreciation for refined qualities in film, television and live performance.
• **Exhibit an understanding of the process of both human and mass communication.** Students will be able to identify and explain key variables and concepts in the human and mass communication processes.

• **Apply Communication principles in a variety of contexts and various practices.** Students will be able to:
  - Exhibit ability to work both independently and cooperatively in groups.
  - Exhibit competence in speaking, writing, video, computer mediated, or relational communication.

• **Exhibit an understanding of the interrelationship between communication and culture.** Students will be able to:
  - Demonstrate an understanding of the interrelationship between communication and culture in mutually shaping the other.
  - Identify the impact of diverse cultural perspectives on communication interactions.

• **Engage with and reflect upon the personal social, and ethical consequences of communication.** Students will be able to:
  - Apply ethical analysis to the communication process.

• **Apply communication-related theories, concepts, and methods to contemporary issues and everyday life.** Students will be able to:
  - Synthesize and evaluate communication research, methods, and theories.
  - Demonstrate ability to conduct independent or directed research.

• **Study Patterns and practices of established artists in all media and in myriad settings.** Students will be able to:
  - Develop emerging stylists in film, television and live performance.
  - Demonstrate creative acumen in visual and temporal forms such as filmmaking, video, radio, television, live performance, and other shared forms.
  - Cultivate an appreciation for refined qualities in film, television and live performance.

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**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, an exam 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, while seminar COM 4998 may be a tutorial or seminar. Senior students on the English and Communication Arts 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. 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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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<td>COM 2050 Group Process</td>
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<td>COM 1000</td>
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<td>COM 2100 Acting I: Voice &amp; Movement</td>
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<td>COM 1000</td>
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<td>COM 3110 Studies in Film</td>
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<td>COM 3200 News Writing</td>
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<td>COM 2000, COM 3400 and WRI 1100</td>
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<td>COM 3300 Basic Television Studio Production</td>
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<td>COM 2000</td>
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<td>COM 3400 Persuasion</td>
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<td>COM 4300 Basic Digital Media Production</td>
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<td>COM 4330 Directing</td>
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<td>COM 4611 Communication &amp; the Law</td>
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¹The successful completion of COM 4997 or COM 4998 satisfies the College's Comprehensive Examination/Thesis requirement.

²Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
### Major in Communication Arts—Concentration in Advertising/Public Relations

<table>
<thead>
<tr>
<th>Courses</th>
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<td>Bodies of Knowledge</td>
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<td>➤ <strong>SEH - Take SOC 1000 Principles of Sociology</strong></td>
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<td><strong>BUS 1001 Organization and Management</strong></td>
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<td><strong>IT 2410 Web Design</strong></td>
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<td><strong>COM 3200 News Writing</strong></td>
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<td>COM 2000 or COM 3400</td>
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<td>COM 2000 or COM 3400</td>
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<td><strong>COM 3410 Advertising</strong></td>
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<td><strong>COM 3601 Political Communication</strong></td>
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<td><strong>MKT 3309 Relationship Management</strong></td>
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<td><strong>MKT 3316 Merchandising</strong></td>
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<td><strong>MKT 3317 Consumer Behavior</strong></td>
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<td><strong>MKT 3330 International Marketing</strong></td>
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<td><strong>SOC 4210 Social Research Methods</strong></td>
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Major in Communication Arts—Concentration in English and Communications

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<td>COM 2020 The Oral Tradition</td>
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## Major in Communication Arts—Concentration in Digital Media: Film, Broadcasting and Journalism

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<td>COM 3410 Advertising</td>
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<td>COM 4600 Global Communication</td>
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<td>COM 4300 Basic Digital Media Production</td>
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<td>COM 4310 Advanced TV Production</td>
<td></td>
<td>COM 3300</td>
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<tr>
<td>COM 4330 Directing</td>
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<td>COM 2000, COM 3100 OR COM 3110 and COM 4300</td>
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<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>COM 4320 Advanced Digital Media Production</td>
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<td>COM 2000, COM 3100 or COM 3110 and COM 4300</td>
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<td>COM 4340 Documentary Workshop</td>
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<td>COM 4997 Senior Comprehensive⁴</td>
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<td>Select TWO of the following courses</td>
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<tr>
<td>COM 3000 Topics in Mass Communication</td>
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<td>COM 2000</td>
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<tr>
<td>COM 3100 History of Film</td>
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<td>COM 2000</td>
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<td>COM 3110 Studies in Film</td>
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<td>COM 2000</td>
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<td>COM 3120 History of TV</td>
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<td>COM 2000</td>
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<td>COM 3130 Digital Radio Industry</td>
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<tr>
<td>COM 3140 Performance Studies</td>
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<td>COM 1000</td>
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<tr>
<td>COM 3150 Popular Music</td>
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<td>COM 2020</td>
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<tr>
<td>COM 3210 Broadcast News Writing</td>
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<td>COM 2000</td>
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<tr>
<td>COM 3220 Sports Writing</td>
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<td>COM 3200</td>
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<tr>
<td>COM 3400 Persuasion</td>
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<td>WRI 1100</td>
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<tr>
<td>COM 3601 Political Communications</td>
<td></td>
<td>COM 1000, COM 2000</td>
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</tr>
<tr>
<td>Liberal Arts (for specific academic subjects, see page 15)</td>
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<tr>
<td>General electives</td>
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<td>Total credits required</td>
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</tbody>
</table>

¹The successful completion of COM 4997 or COM 4998 satisfies the College’s Comprehensive Examination/Thesis requirement.

² Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
### Major in Communication Arts—Concentration in Performance Studies

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
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<tbody>
<tr>
<td>General Education Program (see page 15) ......................................................</td>
<td>48</td>
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<tr>
<td>First Year College ..........................................................................................</td>
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<tr>
<td>Bodies of Knowledge ........................................................................................</td>
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<tr>
<td>COM 2000 Mass Communication .......................................................................... 3</td>
<td>COM 1000</td>
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<tr>
<td>COM 2020 The Oral Tradition ........................................................................... 3</td>
<td>COM 1000</td>
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<tr>
<td>COM 2040 Interpersonal Communication ....................................................... 3</td>
<td>COM 1000</td>
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<td>COM 2050 Group Process .................................................................................. 3</td>
<td>COM 1000</td>
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<tr>
<td>COM 2100 Acting I: Voice and Movement ..................................................... 3</td>
<td>COM 1000</td>
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<tr>
<td>COM 2110 Acting II: Scene Study ..................................................................... 3</td>
<td>COM 2100</td>
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<td>Select ONE of the following courses .......................................................... 3</td>
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<tr>
<td>COM 3100 History of Film ..............................................................................</td>
<td>COM 2000</td>
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<tr>
<td>COM 3110 Studies in Film ...............................................................................</td>
<td>COM 2000</td>
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<td>COM 3140 Performance Studies .................................................................... 3</td>
<td>COM 2020</td>
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<tr>
<td>COM 3200 News Writing ................................................................................... 3</td>
<td>COM 2000 or COM 3400</td>
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<td></td>
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<td>WRI 1100</td>
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<td>COM 3300 Television Studio Production ....................................................... 3</td>
<td>COM 2000</td>
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<td>COM 3400 Persuasion ..................................................................................... 3</td>
<td>COM 1000, COM 2000</td>
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<tr>
<td>COM 4200 Writing for Performance ................................................................ 3</td>
<td>WRI 1100</td>
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<tr>
<td>COM 4300 Basic Digital Production ................................................................ 3</td>
<td>COM 3100 or COM 3110</td>
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<td>COM 4300 Directing ....................................................................................... 3</td>
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<tr>
<td>COM 4350 Theater Production Workshop ..................................................... 3</td>
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<td>COM 4997 Senior Comprehensive .................................................................. 3</td>
<td>Senior standing</td>
<td></td>
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<tr>
<td>Liberal Arts² (for specific academic subjects, see page 15) ......................... 3</td>
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<tr>
<td>General electives ......................................................................................... 24</td>
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</tr>
<tr>
<td>Total credits required .................................................................................. 123</td>
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</tr>
</tbody>
</table>

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

² Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.

### Minor in Communication Arts

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 2000 Mass Communication .......................................................................... 3</td>
<td>COM 1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select ONE 2000 or Higher Level course besides COM 2000 .......................... 3</td>
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<tr>
<td>Select THREE 3000 or Higher Level courses ............................................... 9</td>
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<tr>
<td>Total credits required .................................................................................. 15</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

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

² Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
Economics, History, Political Science and Social Studies

Office: Room 5320
Phone: 718.489.5266

Chairperson
Dr. Eric Platt

Professor Emeritus
Quick
Spar

Professor
Quick
Sorrentino
Tabrizi

Associate Professor
Houlihan
Huato
Platt
Rzeszutek

Assistant Professor
Bullio Mattos
Camyar

Adjuncts
Carroll
Carron
Charles
Clement
Elias
Flaherty
Isikara
Koncewicz
Koritz
Lamoureux
Lectura
Payne
Rhoeheit
Ryan
Simonsen
Stasi
Tesho
Ulrich
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 are offered a 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 structure and evolution of the global and domestic economies and develop their ability to interpret economic statistics.

- Make students aware of the role that different economic interests and theoretical perspectives play in disagreements over economic policy.

Mission of the History Major

History majors learn to place contemporary events in a larger historical context and better understand viewpoints that differ from their own. They also develop communication, research, analysis, organization, and problem-solving skills prized by employers.

Historical inquiry provides a broad understanding of the institutional and cultural foundations of contemporary civilizations. Studying history helps students become informed citizens, gain an increased understanding of diverse viewpoints, and learn how to use historical context to make knowledgeable decisions about the future. History majors also gain a variety of skills such as planning and organizing projects, gathering and analyzing evidence, and clearly communicating their conclusions that are in high demand in a wide variety of professions.

Goals and Objectives

Goals

Students who complete the history major will:

- Think historically and critically.
- Evaluate primary and secondary sources.
- Understand history across periods and geographic spaces.
• Conduct historical research.
• Communicate their ideas and arguments effectively both verbally and in writing.
• Understand how historical analysis is useful for various careers.

Objectives
Students who complete the history major will:
• Show an understanding of causation, context, continuity, and change in the study of the past.
• Analyze contemporary problems and civic affairs through the lens of history.
• Utilize both electronic and print research tools to retrieve and analyze historical data from a variety of primary sources, including printed works, manuscripts, artifacts, visual sources, and living witnesses.
• Evaluate various historians’ arguments on key topics and have the ability to compare them.
• Demonstrate a familiarity with the history of the United States, Europe, and at least one other region of the world.
• Complete an original history research project utilizing both primary and secondary sources.
• Apply historical thinking in careers such as law, government, business, secondary and higher education, public administration, and public history.

Mission of the Political Science Major
The major of Political Science investigates how individuals, groups and nations interact with others. Political Science analyzes how conflict is managed by the various parties. Political Science has many areas of inquiry including: American Government and Law, Comparative Politics, International Relations and Public Administration/Public Policy.

The Department offers both a Traditional and a Behavioral Approach. The Traditional School utilizes legal, historical, and philosophical tools to analyze and evaluate political institutions and processes. The Behavioral School employs the scientific method which includes, problem recognition, hypotheses formation, gathering data and forming conclusions.

The Political Science major provides students with skills necessary for careers in law, government, education, business and the not-for-profit world. In addition, it provides students with the tools to make informed and logical decisions in both their professional careers and in their personal lives.

Goals and Objectives
• Prepare students with the knowledge and skills for successful opportunities in the fields of government, law, education, business and the not-for-profit world.
• Provide students with specific courses in American Government/Law, Comparative Politics, International Relations and Public Administration/Public Policy.
• Offer Departmental majors and minors as well as other students on campus the opportunity to explore political and historical topics through lectures and forums and through our club activity.
• Develop the skills of critical thinking, analysis and research.
• Compliment course offerings with a full range of off-campus activities including: internships, independent study, field trips abroad and to museum and cultural visits.
• Provide career guidance for all students and to provide specific information for admissions to law schools and graduate schools of Political Science, Public Administration/Public Policy, International Relations and Education.
# Program Requirements

## Major in Economics

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QR - Take MAT 1105 College Algebra or higher</td>
<td></td>
<td></td>
<td>MAT 1101 or placement exam</td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SEH - Take ECO 1201 Principles of Macroeconomics</td>
<td></td>
<td></td>
<td>MAT 1101 or placement exam</td>
</tr>
<tr>
<td>SEH - Take ECO 2202 Principles of Microeconomics</td>
<td></td>
<td></td>
<td>ECO 1201</td>
</tr>
<tr>
<td>WHG - Take HIS 1201 History of the United States 1896 to Present</td>
<td></td>
<td></td>
<td>ECO 1201; Pre or co-requisite: ECO 2202</td>
</tr>
<tr>
<td>ECO 2306 Money and Banking</td>
<td>3</td>
<td></td>
<td>ECO 1201</td>
</tr>
<tr>
<td>ECO 3313 Applied Statistics for Economics</td>
<td>3</td>
<td></td>
<td>MAT 2301 or ORM 3301</td>
</tr>
<tr>
<td>ECO 4406 Development of Economic Thought</td>
<td>3</td>
<td></td>
<td>ECO 2202</td>
</tr>
<tr>
<td>ECO 4998 Seminar in Economics</td>
<td>3</td>
<td></td>
<td>ECO 2306</td>
</tr>
</tbody>
</table>

Select **THREE** non-cross listed ECO courses | 9 | MAT 1105 or placement exam |

Select **THREE** additional ECO courses | 9 | MAT 1109 |

Select **ONE** of the following courses | 3 | MAT 1107 or placement exam |
| MAT 1109 Mathematics for Managerial Science I | | MAT 2202 |
| MAT 1110 Mathematics for Managerial Science II | | |
| MAT 2202 Calculus I | | |
| MAT 2203 Calculus II | | |

Select **ONE** of the following four groups | 6-8 | |
Group A—Select **TWO** ACC courses in sequence | | |
Group B—Select **TWO** IT courses in sequence | | |
Group C—Select **TWO** MGT courses in sequence | | |
Group D—Select **BOTH** of the following courses | | |
| ICS 1240 Peoples/Cultures of the Contemporary World I | | |
| ICS 1241 Peoples/Cultures of the Contemporary World II | | |

Select an additional HIS elective course | 3 | |

Select **ANY TWO** PSC, SOC/CJ, or foreign language courses in sequence | 6 | |

MAT 2301 Statistics | 3 | MAT 1104 or placement exam |

PSC 2404 Government and Business: 1865–Present | 3 | 24 college credits |

Liberal arts electives *(for specific academic subjects, see page 15)* | 12 | |

General Electives | 9 | |

Total credits required | 123-125 | |

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

3 Students who elect Accounting courses (ACC) will have fewer free electives.

Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e., minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
## Major in Economics—Concentration in Finance

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
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<tbody>
<tr>
<td>General Education Program (see page 15)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
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</tr>
<tr>
<td>➢ QR - Take MAT 1105 College Algebra or higher</td>
<td></td>
<td>MAT 1101 or placement exam</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➢ SEH - Take ECO 1201 Principles of Macroeconomics</td>
<td></td>
<td>MAT 1101 or placement exam</td>
<td></td>
</tr>
<tr>
<td>➢ SEH - Take ECO 2202 Principles of Microeconomics</td>
<td></td>
<td>ECO 1201</td>
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<tr>
<td>➢ WHG - Take HIS 1201 History of the United States 1896 to Present</td>
<td></td>
<td>ECO 1201; pre or co-requisite: ECO 2202</td>
<td></td>
</tr>
<tr>
<td>ECO 2306 Money and Banking</td>
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<td>ECO 2306</td>
<td></td>
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<tr>
<td>ECO 3313 Applied Statistics for Economics</td>
<td>3</td>
<td>ECO 3313/FIN 3301</td>
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</tr>
<tr>
<td>ECO 3331/FIN 3301 Principles of Finance</td>
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<tr>
<td>Select <strong>TWO</strong> of the following courses</td>
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<tr>
<td>ECO 3306 Tracking the US Economy and Monetary Policy</td>
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<td>ECO 3332/FIN 3302 Managerial Finance</td>
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<tr>
<td>ECO 3333/FIN 3312 Investment Analysis</td>
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<tr>
<td>ECO 3334/FIN 3334 Public Economics</td>
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<tr>
<td>ECO 4433/FIN 4412 Portfolio Management</td>
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<tr>
<td>ECO 4406 Development of Economic Thought</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECO 4998 Seminar in Economics</td>
<td>3</td>
<td>ECO 2306; pre or co-requisite: ECO 2202</td>
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<tr>
<td>Select <strong>THREE</strong> non-cross listed ECO courses</td>
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<tr>
<td>Select <strong>ONE</strong> of the following courses</td>
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<tr>
<td>MAT 1109 Mathematics for Managerial Sciences I</td>
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<td>MAT 1105 or placement exam</td>
<td></td>
</tr>
<tr>
<td>MAT 1110 Mathematics for Managerial Sciences II</td>
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<td>MAT 1109</td>
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</tr>
<tr>
<td>MAT 2202 Calculus I</td>
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<td>MAT 1107 or placement exam</td>
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<tr>
<td>MAT 2203 Calculus II</td>
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<td>MAT 2202</td>
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</tr>
<tr>
<td>Select <strong>ANY TWO</strong> PSC, SOC/CJ or foreign language courses in sequence</td>
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<tr>
<td>Select an additional HIS elective course</td>
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<td>MAT 1104 or placement exam</td>
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<tr>
<td>MAT 2301 Statistics</td>
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</tr>
<tr>
<td>PSC 2404 Government and Business: 1865-Present</td>
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<td>24 college credits</td>
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</tr>
<tr>
<td>Liberal arts electives (for specific academic subjects, see page 15)</td>
<td>21</td>
<td></td>
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</tr>
<tr>
<td>General Electives</td>
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<td></td>
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</tr>
<tr>
<td>Total credits required</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

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1. The successful completion of ECO 4998 satisfies the College’s Comprehensive Examination/Thesis requirement.
2. Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 14.
### Major in Economics—Concentration in International Economics

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program <em>(see page 15)</em> ....................................</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✶ QR - Take MAT 1105 College Algebra or higher ................................</td>
<td></td>
<td>MAT 1101 or placement exam</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✶ SEH - Take ECO 1201 Principles of Macroeconomics</td>
<td></td>
<td>MAT 1101 or placement exam</td>
<td>ECO 1201</td>
</tr>
<tr>
<td>✶ SEH - Take ECO 2202 Principles of Microeconomics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✶ WHG - Take HIS 1201 History of the United States 1896 to Present</td>
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<tr>
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<td></td>
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</tr>
<tr>
<td>ECO 2306 Money and Banking</td>
<td>3</td>
<td>ECO 1201; pre- or co-requisite: ECO 2202</td>
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<tr>
<td>ECO 3304 Political Economy of Development</td>
<td>3</td>
<td>ECO 1201</td>
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<tr>
<td>ECO 3305/ICS 3305 European Economics</td>
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<td>ECO 1201</td>
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<tr>
<td>ECO 3313 Applied Statistics for Economics</td>
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<td>MAT 2301 or ORM 3301</td>
<td>ECO 2306</td>
</tr>
<tr>
<td>ECO 3403 International Economics, Trade, and Finance</td>
<td>3</td>
<td>Junior standing</td>
<td>ECO 2202</td>
</tr>
<tr>
<td>ECO 4406 Development of Economic Thought</td>
<td>3</td>
<td>Junior standing</td>
<td>ECO 2306</td>
</tr>
<tr>
<td>ECO 4998 Seminar in Economics¹</td>
<td>3</td>
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<tr>
<td></td>
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<tr>
<td>Select <strong>THREE</strong> non-cross listed ECO courses</td>
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<tr>
<td>Select <strong>ONE</strong> of the following courses</td>
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<td></td>
</tr>
<tr>
<td>MAT 1109 Mathematics for Managerial Sciences I</td>
<td></td>
<td>MAT 1105 or placement exam</td>
<td></td>
</tr>
<tr>
<td>MAT 1110 Mathematics for Managerial Sciences II</td>
<td></td>
<td>MAT 1109</td>
<td></td>
</tr>
<tr>
<td>MAT 2202 Calculus I</td>
<td></td>
<td>MAT 1107 or placement exam</td>
<td></td>
</tr>
<tr>
<td>MAT 2203 Calculus II</td>
<td></td>
<td>MAT 2202</td>
<td></td>
</tr>
<tr>
<td>Select <strong>ANY TWO</strong> PSC, SOC/CJ, or foreign language courses in sequence</td>
<td>6</td>
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</tr>
<tr>
<td>Select an additional HIS elective course (choose courses relating to countries other than the U.S.)</td>
<td>3</td>
<td>MAT 1104 or placement exam</td>
<td>24 college credits</td>
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<tr>
<td>ICS 1240 Peoples/Cultures of the Contemporary World I</td>
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<td></td>
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<tr>
<td>ICS 1241 Peoples/Cultures of the Contemporary World II</td>
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</tr>
<tr>
<td>MAT 2301 Statistics</td>
<td></td>
<td>MAT 1104 or placement exam</td>
<td></td>
</tr>
<tr>
<td>PSC 2404 Government and Business: 1865–Present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal arts electives*(for specific academic subjects, see page 15)*</td>
<td>3</td>
<td></td>
<td>24 college credits</td>
</tr>
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<td>General Electives</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>123</td>
<td></td>
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</tr>
</tbody>
</table>

¹The successful completion of ECO 4998 satisfies the College's Comprehensive Examination/Thesis requirement

²Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
## Major in Economics—Concentration in Public Policy

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15) .................................................</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College ..................................................................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>QR</strong> - Take MAT 1105 College Algebra or higher ........................................</td>
<td></td>
<td>MAT 1101 or placement exam</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge .................................................................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SEH</strong> - Take ECO 1201 Principles of Macroeconomics ..............................</td>
<td></td>
<td>MAT 1101 or placement exam</td>
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</tr>
<tr>
<td><strong>SEH</strong> - Take ECO 2202 Principles of Microeconomics ..............................</td>
<td></td>
<td>ECO 1201</td>
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</tr>
<tr>
<td><strong>WHG</strong> - Take HIS 1201 History of the United States 1896 to Present ..........</td>
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<td></td>
</tr>
<tr>
<td>BUS 1001 Organization and Management ...................................................</td>
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<tr>
<td>Select ONE of the following courses: ....................................................</td>
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<tr>
<td>ACC 1001 Introduction to Accounting ......................................................</td>
<td></td>
<td>MAT 1101 or placement exam</td>
<td>BUS 1001</td>
</tr>
<tr>
<td>ACC 1101 Elementary Accounting I ...........................................................</td>
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<td>BL 2101 Business Law I ..............................................................................</td>
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<tr>
<td>ECO 2306 Money and Banking .....................................................................</td>
<td>3</td>
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<tr>
<td>ECO 3311/FIN 3301 Principles of Finance ..................................................</td>
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<td></td>
</tr>
<tr>
<td>ECO 3334/ FIN 3334 Government Finance ..................................................</td>
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<td>Select TWO of the following courses: .....................................................</td>
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<tr>
<td>ECO 3302 Economic Development of the United States ..................................</td>
<td>ECO 1201</td>
<td></td>
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<tr>
<td>ECO 3307 Environmental Economics .........................................................</td>
<td>ECO 1201</td>
<td></td>
<td></td>
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<tr>
<td>ECO 3308 Urban Economics .......................................................................</td>
<td>ECO 1201</td>
<td></td>
<td></td>
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<tr>
<td>ECO 3309 Labor Economics .......................................................................</td>
<td>ECO 1201</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECO 3310 Health Economics ....................................................................</td>
<td>ECO 1201</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECO 3319 The Economics of Discrimination ..............................................</td>
<td>ECO 1201 and ECO 2202</td>
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<tr>
<td>ECO 3340 Gender and the Economy ..........................................................</td>
<td>ECO 1201</td>
<td></td>
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</tr>
<tr>
<td>ECO 3313 Applied Statistics for Economics ...............................................</td>
<td>ECO 1201 or ORM 3301</td>
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</tr>
<tr>
<td>ECO 4406 Development of Economic Thought ............................................</td>
<td>ECO 2206</td>
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<tr>
<td></td>
<td>Junior Standing</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ECO 2202</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>ECO 2306</td>
<td></td>
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<tr>
<td></td>
<td>ECO 2202</td>
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<tr>
<td></td>
<td>ECO 2306</td>
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<td></td>
<td>ECO 3313</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECO 4998 Seminar in Economics1 .............................................................</td>
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<td></td>
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</tr>
<tr>
<td>Select TWO ECO courses ...........................................................................</td>
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<td></td>
</tr>
<tr>
<td>Select ONE of the following courses .....................................................</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 1109 Mathematics for Managerial Sciences I ......................................</td>
<td>MAT 1105 or placement exam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 1110 Mathematics for Managerial Sciences II ....................................</td>
<td>MAT 1109</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 2202 Calculus I ..................................................................................</td>
<td>MAT 1107 or placement exam</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 2203 Calculus II ................................................................................</td>
<td>MAT 2202</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 2301 Statistics ..................................................................................</td>
<td>MAT 1104 or higher</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 1204 American National Government ..............................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 2309 Public Administration ................................................................</td>
<td>PSC 1204</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 2404 Government and Business: 1865-Present ....................................</td>
<td>PSC 1204</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses: ...................................................</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 2304 State and Local Government .....................................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 2306 Metropolitan Government and Politics .......................................</td>
<td>15 college credits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal arts electives2 (for specific academic subjects, see page 15) ........</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>General Electives .....................................................................................</td>
<td>6</td>
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<tr>
<td>Total credits required .............................................................................</td>
<td>123-124</td>
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<td></td>
</tr>
</tbody>
</table>

1The successful completion of ECO 4998 satisfies the College’s Comprehensive Examination/Thesis requirement.

2Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e., minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
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)
--- | --- | --- | ---
General Education Program (see page 15) | 48 | | |
First Year College | | | |
Bodies of Knowledge | | | |
Select ONE COM or ENG 2000 level or higher | 3 | | |
Select ANY 6 Credit Combination of the following | 6 | | |
Foreign language courses in sequence | | | |
Information Technology [IT] courses in sequence (in addition to IT 1001 Computer Tools) | | | |
HIS 1201 History of the United States 1896 to Present | 3 | HIS 1201 |
Select FIVE 2000 level HIS courses | 15 | | |
(At least ONE course from each geographic category: Europe, Global, United States)
Global
HIS 2101-2199 Lecture Series | | | |
HIS 2202 Ancient History | | | |
HIS 2303 The World in the 20th & 21st Centuries | | | |
HIS 2310 Latin American History | | | |
Europe
HIS 2106 Balkans History | | | |
HIS 2202 Ancient History | | | |
HIS 2301 Medieval History | | | |
HIS 2403 Early Modern European History: 1560-1763 | | | |
HIS 2404 Modern European History: The Long 19th Century | | | |
United States
HIS 2201 New York on Location: Walking Tours in the City | | | |
HIS 2401 History of the U.S.: Age of Discovery – 1789 | | | |
HIS 2402 History of the United States: 1789-1896 | | | |
Select FIVE 3000 level HIS courses | 15 | HIS 1201 |
(At least ONE course from each geographic category: Europe, Global, United States)
Global
HIS 3315 Women in the 20th Century World | | | |
HIS 3407 Survey of United States Foreign Relations | | | |
HIS 3501 The Atlantic World | | | |
Europe
HIS 3312 Renaissance and Reformation | | | |
HIS 3466 History of Britain | | | |
United States
HIS 3307 Race & Ethnicity in American Life | | | |
HIS 3311 African-American History | | | |
HIS 3370 History of American Labor | | | |
HIS 3407 Survey of United States Foreign Relations | | | |
HIS 3456 American Cultural History | | HIS 1201 and WRI 1100 |
HIS 3480 New York City in the American Urban Experience | | | |
HIS 3490 Famous Trails: Landmark Legal Cases in Am. History | | | |
HIS 3998 Historical Methods and Historiography | 3 | HIS-1201 & 4 course in HIS numbered 3000 or higher |
HIS 4998 Historical Seminar | 3 | HIS 3998 |
ECO 1201 Principles of Macroeconomics | 3 | | |
PSC 1204 American National Government | 3 | | |
Liberal arts electives | 12 | | (for specific academic subjects, see page 15)
General Elective | 9 | | |
Total credits required | 123 | | |

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

Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
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

General Education Program (see page 15) ....................................................... 48

First Year College ..............................................................................................

ITML - Take IT 1001 Computer Tools ..............................................................

Bodies of Knowledge ........................................................................................

SEH - Take ECO 1201 Principles of Macroeconomics ...................................

SEH - Take ECO 2202 Principles of Microeconomics ...................................

WHG - Take HIS 1201 History of the United States 1896 to Present ............

Select 6-CREDIT COMBINATION from one of the following .......................

Foreign language courses in sequence
Information Technology (IT) in sequence
MAT 2301 Statistics
PSC 3450 Empirical Research Methods
HIS 1101 Survey of Western Civilization (to 1500) ........................................ 3
HIS 1302 World History Since 1500 ............................................................... 3

Select ONE additional MATH course (except MAT 1101) ......................... 3

Select ONE course from the following ......................................................... 3

PSC 2305 Politics of Latin America ............................................................... 3
PSC 2317 Government and Politics of Africa ................................................. 3
PSC 2318 Government and Politics of Asia .................................................. 3
PSC 2350 Government and Politics of Russia ................................................ 3
PSC 3424 The United Nations ....................................................................... 3
PSC 1202 Introduction to Political Science—Scope and Method ............... 3
PSC 1204 American National Government ................................................ 3
PSC 3301 Comparative Government ............................................................. 3
PSC 3406 International Relations ................................................................. 3
PSC 3450 Political Science Research Methods ............................................. 3

PSC 4998 Political Science Seminar 1 .......................................................... 3

Select FIVE PSC courses 2000 or higher ....................................................... 15

Liberal arts electives 2 (for specific academic subjects, see page 15) ........... 9

General electives ............................................................................................. 15

Total credits required ..................................................................................... 123

1The successful completion of PSC 4998 satisfies the College’s Comprehensive Examination/Thesis requirement

2Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
**Political Science Concentrations**

Students majoring in Political Science may choose to concentrate in American Government or Comparative Politics. To do so, students must select their Political Science elective courses to include the following:

### American Government

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

### Comparative Politics

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>● ECO 1201 Principles of Macroeconomics</td>
<td>3</td>
<td>MAT 1101 or placement exam (pre- or co-requisite)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>● HIS 1201 Survey of Western Civilization (to 1500)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>● HIS 1202 World History Since 1500</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select TWO HIS courses 2000 or higher</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 1204 American National Government</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Choose ONE of the following:</td>
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<tr>
<td>● PSC 2304 State &amp; Local Government</td>
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<td>15 college credits</td>
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<tr>
<td>● PSC 2306 Metropolitan Government</td>
<td></td>
<td>15 college credits</td>
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</tr>
<tr>
<td>SOC 2000 Social Problems</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SS 4998 Social Studies Seminar</td>
<td>3</td>
<td>ECO 1201, HIS 1201, PSC 1204 and SOC 1000</td>
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</tr>
<tr>
<td>Select SIX SS courses</td>
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<td>18</td>
<td></td>
</tr>
<tr>
<td>Liberal arts electives (for specific academic subjects, see page 15)</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General electives</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>123</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

 Students cannot minor in the following ECO, HIS, PSC, or SOC.

1. The successful completion of SS 4998 satisfies the College's Comprehensive Examination/Thesis requirement.
2. ECO, HIS, PSC, and SOC courses may be selected with the approval of the advisor.
3. Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.

# 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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 1201 Principles of Macroeconomics</td>
<td>3</td>
<td>MAT 1101 or placement exam (pre- or co-requisite)</td>
<td></td>
</tr>
<tr>
<td>ECO 2202 Principles of Microeconomics</td>
<td>3</td>
<td>ECO 1201</td>
<td></td>
</tr>
<tr>
<td>ECO 2306 Money and Banking</td>
<td>3</td>
<td>ECO 1201</td>
<td></td>
</tr>
<tr>
<td>Select THREE ECO courses 3000 or higher</td>
<td>9</td>
<td>ECO 2202</td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

 For Accounting and Management majors, no more than one ECO/Fin course may be used to satisfy this requirement.

## Minor in History

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>One 1000-level course</td>
<td>3</td>
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</tr>
<tr>
<td>Two 2000-level courses</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two 3000-level courses</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>15</td>
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</table>

## Minor in Political Science

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC 1202 Introduction to Political Science—Scope and Method</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 1204 American National Government</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select THREE PSC courses 2000 or higher</td>
<td>9</td>
<td></td>
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</tr>
<tr>
<td>Total credits required</td>
<td>15</td>
<td></td>
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</tr>
</tbody>
</table>
The Education Department at St. Francis College has a successful history of offering a teacher preparation pathway leading to initial certification in Childhood Education (grades 1-6), Adolescent Education (grades 7-12), and Physical Education (grades P-12).

**Department Mission**

The mission of the Education Department is to prepare teachers to serve and lead in a multicultural community. Through reflective, constructivist teaching, students’ capacities to become caring, competent, and qualified educators are developed. The department strives to provide a curriculum that is academically and pedagogically challenging, in an environment that nurtures understanding, mutual respect, empathy, and an emphasis on affirming and encouraging the best in others. The program of study reflects a deep commitment to the Franciscan ideals of service to the community, acceptance of individual differences, and an ethic of care. The aim is to graduate student-centered practitioners who create opportunities for all children and youth to realize their full potential.

**Student Learning Outcomes**

In preparing its teacher candidates for certification, the Teacher Education Program draws on the InTASC Model Core Teaching Standards to shape its Student Learning Outcomes (SLOs). These standards outline the common principles and foundations of instructional practice that cross all subject areas and grade levels, and are believed to be fundamental criteria in advancing the educational outcomes for all learners. These SLOs include candidate knowledge, skills, and dispositions related to the unique needs of learners, content knowledge, instructional practice, and professionalism.

| The Learner and Learning (INTASC 1-3) | SLO 1: Teacher candidates demonstrate the ability to recognize the range of individual differences in how students learn and customize instruction to accommodate such diversity. |
| Content Knowledge (INTASC 4, 5) | SLO 2: Teacher candidates demonstrate the ability to develop culturally responsive curricula and instruction that draw on linguistic and cultural diversity, as well as family background and community values as assets that can be used to promote learning. |
| Instructional Practice (INTASC 6-8) | SLO 3: Candidates demonstrate the ability to maintain an inclusive learning environment that promotes positive social interactions, acceptance, collaboration, mutual respect, multicultural awareness, an appreciation of diversity, and a concern for others. |
| Reflection, Professionalism & Ethical Practice (INTASC 9, 10) | SLO 4: Teacher candidate demonstrate a proficient understanding of the central concepts, principles, tools of inquiry, and structures of the disciplinary areas that they teach and create meaningful learning experiences that motivate learner mastery of the content. |
|  | SLO 5: Teacher candidate demonstrate the ability to make content knowledge relevant to learners by connecting it to local, state, national, and global issues. |
|  | SLO 6: Teacher candidates demonstrate the ability to align lessons with NYS curriculum standards for college readiness and successful performance on state-mandated tests. |

**Administrators**

- Lisa M. Paolucci, Assessment Coordinator

**Professors**

- Giaquinto
- McNamara
- Shaw

**Associate Professors**

- Gair
- Leibman

**Assistant Professors**

- Reecks-Rodgers

**Adjuncts**

- Alicea
- Falco
- Hanley
- James
- Jannetti
- Haussermann
- Koerner
- Miyazawa
- Pavlish
- Quigley

**Student Learning Outcomes**

- **SLO 1:** Teacher candidates demonstrate the ability to recognize the range of individual differences in how students learn and customize instruction to accommodate such diversity.
- **SLO 2:** Teacher candidates demonstrate the ability to develop culturally responsive curricula and instruction that draw on linguistic and cultural diversity, as well as family background and community values as assets that can be used to promote learning.
- **SLO 3:** Candidates demonstrate the ability to maintain an inclusive learning environment that promotes positive social interactions, acceptance, collaboration, mutual respect, multicultural awareness, an appreciation of diversity, and a concern for others.
- **SLO 4:** Teacher candidates demonstrate a proficient understanding of the central concepts, principles, tools of inquiry, and structures of the disciplinary areas that they teach and create meaningful learning experiences that motivate learner mastery of the content.
- **SLO 5:** Teacher candidates demonstrate the ability to make content knowledge relevant to learners by connecting it to local, state, national, and global issues.
- **SLO 6:** Teacher candidates demonstrate the ability to align lessons with NYS curriculum standards for college readiness and successful performance on state-mandated tests.
- **SLO 7:** Teacher candidates demonstrate the ability to use a variety of instructional strategies to engage, motivate, promote critical thinking, self-directed learning, creativity, and collaborative problem solving in order to extend learners’ understanding of the content areas.
- **SLO 8:** Teacher candidates demonstrate the ability to integrate new technologies across content areas to deliver instruction in meaningful ways and add value to the overall learning experience.
- **SLO 9:** Teacher candidates demonstrate an understanding of the uses, strengths, and limitations of various forms of assessment practices to document learner progress and adjust instruction as needed.
- **SLO 10:** Teacher candidates support the academic, social, and emotional development of all students through dispositions such as acceptance, empathy, caring, fairness, student advocacy, and the belief that all students can learn.
- **SLO 11:** Teacher candidates demonstrate the ability to be self-reflective and use this knowledge to seek critical feedback, enhance their repertoire of teaching skills, and pursue professional development opportunities in the best interest of learners.
- **SLO 12:** Teacher candidates demonstrate the ability to foster positive interactions and collaborate with professional colleagues and school personnel in support of student learning, development, and well-being.
Admission & Program Continuation Requirements

The quality of teacher candidates is monitored at transitional points during their tenure in the Teacher Preparation Program. These transitional points are also referred to as “gates” at which certain criteria must be met for admission, program continuation, approval for the clinical experience, and to merit a recommendation for licensure.

Gate I: Prequalifications
- GPA of 3.00 or higher
- 24 credits
- Grade of B or higher in ED1201 Foundations of Education
- Grade of B or higher in ED 2020 Educational Psychology

Gate II: Program Admission
- Application
- Recommendations (2)
- Declaration of Major
- Disposition Review

Gate III: Program Continuation
- GPA of 3.00 or higher
- Grade of B or higher in education coursework
- Grade of B or higher in concentration
- No grade lower than C- in any SFC course
- Pass Disposition Review

Gate IV: Admission to Student Teaching
- 100 hours of field experience
- Student teaching application
- Readiness for placement interview
- Disposition self-assessment
- Fingerprint clearance
- Mandated Workshops:
  - School Violence Prevention & Intervention (SAVE)
  - Identification & Reporting of Child Abuse
  - Training in Harassment, Bullying, Cyberbullying, and Discrimination in Schools (DASA)

Gate V: Student Teaching
- 300 hours of supervised clinical experience

Applications for admission to the Education Program may be submitted at any time. Completed applications will be reviewed prior to the start of the fall and spring semesters. All applications are submitted online, a link to which can be provided by visiting the Education Office (Room 5311). Incomplete applications will not be considered.

Students are notified in writing about the outcome of their application. In instances where admission is not offered, suggestions for strengthening the application for a future term may be requested. Inability to meet the program continuation requirements may result in a probationary period lasting one semester. During this period, a student must meet the conditions of a corrective action plan for program continuation.

PROGRAM OF STUDY REQUIREMENTS

In addition to completing the General Core and prescribed pedagogical coursework, Childhood Education majors must complete a concentration in Biology, English, Mathematics, or Social Studies.

Adolescent Education majors must complete a concentration in Biology, Chemistry, English, Mathematics, or Social Studies.

In addition to the General Core and prescribed pedagogical coursework, Physical Education majors must complete coursework in Physical Education.

Student Teaching

All teacher candidates complete 300 hours of unpaid, supervised student teaching in an approved partner school specified by the Education Department. Partner schools are those with whom SFC, as the Educator Preparation Provider (EPP), has a collaborative, mutually beneficial relationship and that exemplify the following criteria:

- A desire for meaningful engagement with teacher educators to promote continuous improvement and excellence in educator preparation
- A commitment to equity, inclusion, justice, and respect for all peoples and cultures in its defining values
- A commitment to expanding both students’ perspectives and understanding of the world they live in as well as ethical and empathic decision-making
- Diversity initiatives
- The availability of technology to enhance teaching and learning
- Advocates of health, fitness, and integrated learning
- A supportive professional culture

As part of the student teaching semester, teacher candidates must also enroll in a weekly three-hour seminar, the focus of which is on topics related to the SLOs listed earlier.
## Program Requirements

### Major in Adolescent Education—Concentration in Biology

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requirement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>53</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➤ QR - Take MAT 1107 Algebra &amp; Trig for Sci Majors (4 crs)</td>
<td>MAT 1105 or placement exam</td>
<td>MAT-1105</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➤ NPW - Take CHE 1201 General Chemistry I (5 crs)</td>
<td></td>
<td>MAT-1107</td>
<td></td>
</tr>
<tr>
<td>➤ NPW - Take CHE 1202 General Chemistry II (5 crs)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 1201 Foundations of Education</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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</tr>
<tr>
<td>ED 2020 Educational Psychology</td>
<td>3</td>
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<tr>
<td>ED 2040 Psychology of the Exceptional Child</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2100 Assessment and Evaluation</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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</tr>
<tr>
<td>ED 3000 Teaching with Technology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 4350 Literacy Instruction for English Language Learners</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 4990 Supervised Student Teaching</td>
<td>6</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>AED 2200 Methods of Instruction in Secondary Education</td>
<td>3</td>
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<tr>
<td>AED 3320 Literacy in the Content Area (Grades 7-12)</td>
<td>3</td>
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<tr>
<td>AED 3600 Methods of Instruction in Secondary Biology</td>
<td>3</td>
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<tr>
<td>Select TWO foreign language courses in sequence</td>
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</tr>
<tr>
<td>BIO 1107 Anatomy and Physiology I</td>
<td>4</td>
<td>BIO 1107</td>
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<tr>
<td>BIO 1108 Anatomy and Physiology II</td>
<td>4</td>
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<tr>
<td>BIO 1201 General Biology I</td>
<td>5</td>
<td>BIO 1201</td>
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<tr>
<td>BIO 1202 General Biology II</td>
<td>5</td>
<td>BIO 1202</td>
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<tr>
<td>BIO 2204 Ecology</td>
<td>4</td>
<td>BIO 2204</td>
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<tr>
<td>BIO 2250 Introduction to Cell Biology</td>
<td>4</td>
<td>BIO 1202</td>
<td>CHE 2101</td>
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<tr>
<td>BIO 3303 Genetics</td>
<td>4</td>
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<tr>
<td>BIO 3305 Genetics</td>
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<td>Choose TWO of the following:</td>
<td>8</td>
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</tr>
<tr>
<td>BIO 2202 Comparative Anatomy</td>
<td>BIO 1202</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 2203 Invertebrate Zoology</td>
<td>BIO1202</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 3300 Microbiology</td>
<td>BIO 1141 or BIO 1202</td>
<td></td>
<td></td>
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<tr>
<td>BIO 3302 Botany</td>
<td>BIO 1202</td>
<td></td>
<td></td>
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<tr>
<td>BIO 4000 Marine Biology</td>
<td>BIO 2250 and CHE 2102</td>
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<tr>
<td>MAT 2301 Statistics</td>
<td>3</td>
<td>MAT 1104 or higher</td>
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<tr>
<td>Total credits required</td>
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*The successful completion of ED 4990 satisfies the College’s Comprehensive Examination/Thesis requirement.*
## Major in Adolescent Education—Concentration in Chemistry

<table>
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<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
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<tr>
<td>General Education Program (<a href="#">see page 15</a>)</td>
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<tr>
<td>First Year College</td>
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<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>• NPW - Take BIO 1201 General Biology I (5 crs)</td>
<td></td>
<td></td>
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<tr>
<td>• NPW - Take BIO 1202 General Biology II (5 crs)</td>
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<td></td>
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</tr>
<tr>
<td>ED 1201 Foundations of Education</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2020 Educational Psychology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2040 Psychology of the Exceptional Child</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2100 Assessment and Evaluation</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 3000 Teaching with Technology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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</tr>
<tr>
<td>ED 4350 Literacy Instruction for English Language Learners</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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</tr>
<tr>
<td>ED 4990 Supervised Student Teaching†</td>
<td>6</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<tr>
<td>AED 2200 Methods of Instruction in Secondary Education</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<tr>
<td>AED 3320 Literacy in the Content Area (Grades 7-12)</td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<td>AED 3650 Methods of Teaching Secondary Chemistry</td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<tr>
<td>Select <strong>TWO</strong> foreign language courses in sequence</td>
<td>6</td>
<td>MAT 1105 or exam</td>
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</tr>
<tr>
<td>CHE 1201 General Chemistry I</td>
<td>5</td>
<td>MAT-1107</td>
<td></td>
</tr>
<tr>
<td>CHE 1202 General Chemistry II</td>
<td>5</td>
<td>CHE 1201</td>
<td></td>
</tr>
<tr>
<td>CHE 2050 Analytical Chemistry</td>
<td>4</td>
<td>CHE 1202</td>
<td></td>
</tr>
<tr>
<td>CHE 2101 Organic Chemistry I</td>
<td>5</td>
<td>CHE 1202</td>
<td></td>
</tr>
<tr>
<td>CHE 2102 Organic Chemistry II</td>
<td>5</td>
<td>CHE 2101</td>
<td></td>
</tr>
<tr>
<td>CHE 3001 Biochemistry</td>
<td>4</td>
<td>CHE 2102</td>
<td></td>
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<tr>
<td>CHE 4001 Physical Chemistry</td>
<td>4</td>
<td>CHE 2102, MAT 2301 and PHY 2002</td>
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<tr>
<td>PHY 2001 General Physics I</td>
<td>4</td>
<td>MAT 2202</td>
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<tr>
<td>PHY 2002 General Physics II</td>
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<td>PHY 2001</td>
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<td><strong>Total credits required</strong></td>
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†The successful completion of ED 4990 satisfies the College’s Comprehensive Examination/Thesis requirement.
### Major in Adolescent Education—Concentration in English

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Prerequisite(s)</th>
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<tr>
<td>General Education Program (<a href="#">see page 15</a>)</td>
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</tr>
<tr>
<td>First Year College</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>FH - Take HS 1001 Health Issues</strong></td>
<td></td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 1201 Foundations of Education</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2020 Educational Psychology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2040 Psychology of the Exceptional Child</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2100 Assessment and Evaluation</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 3000 Teaching with Technology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 4350 Literacy Instruction for English Language Learners</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 4990 Supervised Student Teaching1</td>
<td>6</td>
<td>Gates I, II, III, IV; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>AED 2200 Methods of Instruction in Secondary Education</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>AED 3320 Literacy in the Content Area (Grades 7-12)</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
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<tr>
<td>AED 3340 Methods of Instruction in Secondary English</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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</tr>
<tr>
<td>Select <strong>TWO</strong> foreign language courses in sequence</td>
<td>6</td>
<td>WRI 1100</td>
<td></td>
</tr>
<tr>
<td>Select <strong>ONE</strong> Mathematics course (except MAT 1101)</td>
<td>3</td>
<td>Any ENG course 2000 or higher</td>
<td></td>
</tr>
<tr>
<td>Select <strong>FOUR</strong> ENG courses 2000-2999</td>
<td>12</td>
<td>Five ENG courses 2100 or higher</td>
<td></td>
</tr>
<tr>
<td>Select <strong>FIVE</strong> ENG courses 3000 or higher</td>
<td>15</td>
<td>Five ENG courses 2100 or higher</td>
<td></td>
</tr>
<tr>
<td>Any ENG seminar course 4000-4999</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal arts electives</td>
<td>9</td>
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</tr>
<tr>
<td><strong>Total credits required</strong></td>
<td><strong>129</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

2. Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e., minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, [see page 15](#).
Major in Adolescent Education—Concentration in Mathematics

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15).......................................</td>
<td>49</td>
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</tr>
<tr>
<td>First Year College ...........................................................................</td>
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</tr>
<tr>
<td>QR - Take MAT 1105 College Algebra.............................................</td>
<td></td>
<td></td>
<td>MAT 1101 or placement exam</td>
</tr>
<tr>
<td>Bodies of Knowledge..........................................................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPW - Take CHE 1101 Chemistry and Life (4 crs)...............................</td>
<td></td>
<td></td>
<td>MAT 1101 or placement exam</td>
</tr>
<tr>
<td>NPW - Take PHY 1001 Physics and the Modern World...........................</td>
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<td></td>
</tr>
<tr>
<td>ED 1201 Foundations of Education..............................................</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2040 Psychology of the Exceptional Child...................................</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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</tr>
<tr>
<td>ED 2100 Assessment and Evaluation..............................................</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<tr>
<td>ED 3000 Teaching with Technology................................................</td>
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<td>MAT 1104 or higher or placement exam</td>
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<td>MAT 2309 College Geometry...........................................................</td>
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<td>MAT 3304 Calculus III.......................................................................</td>
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<td>MAT 3312 Linear Algebra...................................................................</td>
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<td>MAT 3401 Differential Equations I..............................................</td>
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<td>MAT 3406 Theory of Numbers.......................................................</td>
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<td>MAT 4403 Advanced Calculus I.....................................................</td>
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<td>MAT 4995 Independent Study in Mathematics....................................</td>
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The successful completion of ED 4990 satisfies the College’s Comprehensive Examination/Thesis requirement.
## Major in Adolescent Education—Concentration in Social Studies

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<td><strong>FH - Take HS 1001 Health Issues</strong></td>
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<td>Bodies of Knowledge</td>
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<td><strong>SEH - Take ECO 1201 Principles of Macroeconomics</strong></td>
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<tr>
<td>ED 2040 Psychology of the Exceptional Child</td>
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<tr>
<td>ED 2100 Assessment and Evaluation</td>
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<tr>
<td>ED 3000 Teaching with Technology</td>
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<td>ED 4350 Literacy Instruction for English Language Learners</td>
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<tr>
<td>ED 4990 Supervised Student Teaching</td>
<td>6</td>
<td>MAT 1101 or placement exam (pre- or co-requisite)</td>
<td>ECO 1201</td>
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<tr>
<td>AED 2200 Methods of Instruction in Secondary Education</td>
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<td>AED 3320 Literacy in the Content Area (Grades 7-12)</td>
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<td>AED 3500 Methods of Instruction in Secondary Social Studies</td>
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<td>Select <strong>TWO</strong> foreign language courses in sequence</td>
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<td>Select <strong>ONE</strong> Mathematics course (except MAT 1101)</td>
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<td>HIS 1101 Survey of Western Civilization (to 1500)</td>
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<td>HIS 3301 Medieval History</td>
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<td>HIS 3312 Renaissance and Reformation</td>
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<td>HIS 3401 History of the U.S.: The Age of Discovery–1789</td>
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<td>HIS 3307 Race and Ethnicity in American Life</td>
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<td>HIS 3311 African-American History</td>
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<td>PSC 2320-2323 Current Problems</td>
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<td>HIS 3310 Latin-American History</td>
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<td>HIS 3501 The Atlantic World</td>
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<td>PSC 2317 Government and Politics of Africa</td>
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<td>PSC 1202</td>
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<td>PSC 2318 Government and Politics of Asia</td>
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<td>SOC 2040 Social Anthropology</td>
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<td>SOC 1000</td>
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<tr>
<td>HIS 2201 New York on Location: Walking Tours in the City</td>
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<td>HIS 3480 New York City in the American Urban Experience</td>
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<td>HIS 3490 Famous Trail: Landmarks Legal Cases in American History</td>
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<td>PSC 1204 American National Government</td>
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<td>Liberal arts electives</td>
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</table>

1The successful completion of ED 4990 satisfies the College’s Comprehensive Examination/Thesis requirement.

2Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
## Major in Childhood Education—Concentration in Biology

<table>
<thead>
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<th>Co-Requisite(s)</th>
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<td>◆ QR - Take MAT 1107 Algebra and Trig for Sci Maj (4 crs)</td>
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<td>Bodies of Knowledge</td>
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<tr>
<td>◆ NPW - Take CHE 1101 Chemistry and Life (4 crs)</td>
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<td>◆ NPW - Take PHY 1001 Physics and the Modern World</td>
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<td>ED 2020 Educational Psychology</td>
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<tr>
<td>ED 2040 Psychology of the Exceptional Child</td>
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<tr>
<td>ED 2100 Assessment and Evaluation</td>
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<tr>
<td>ED 3000 Teaching with Technology</td>
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<td>ED 4350 Literacy Skills/Second Language Development in ELL</td>
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<td>ED 4990 Supervised Student Teaching</td>
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<td>CED 2200 Methods of Effective Teaching Methods in the</td>
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<td>Inclusive Elementary Classroom</td>
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<td>CED 3000 Science Methods for K-5</td>
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<td>CED 3300 Elementary Writing Instruction</td>
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<td>CED 3700 Social Studies and Geography in Childhood Education</td>
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<td>CED 4300 Beginning Reading Instruction</td>
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<td>BIO 1108 Anatomy and Physiology II</td>
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<td>BIO 2203 Invertebrate Zoology</td>
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<td>BIO 2250 Introduction to Cell Biology</td>
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<td>BIO 3302 Botany</td>
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<td>BIO 4000 Marine Biology</td>
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<td>BIO 1202</td>
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<tr>
<td>MAT 2301 Statistics</td>
<td>3</td>
<td>MAT 1104 or Higher</td>
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The successful completion of ED 4990 satisfies the College’s Comprehensive Examination/Thesis requirement.
## Major in Childhood Education—Concentration in English

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<th>Co-Requisite(s)</th>
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<td>MAT 1101 or higher</td>
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<td>First Year College</td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<tr>
<td><strong>FH - Take HS 1001 Health Issues</strong></td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<tr>
<td>Bodies of Knowledge</td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<tr>
<td>ED 1201 Foundations of Education</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<td>ED 2020 Educational Psychology</td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<td>ED 2100 Assessment and Evaluation</td>
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<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<td>ED 3000 Teaching with Technology</td>
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Major in Childhood Education—Concentration in Mathematics

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<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
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<td>General Education Program <em>(see page 15)</em> ....................................</td>
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<tr>
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<td>ED 2020 Educational Psychology</td>
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<td>Gates I, II, III; cumulative GPA</td>
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<td>ED 2040 Psychology of the Exceptional Child</td>
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<td>Gates I, II, III; cumulative GPA</td>
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<td>ED 2100 Assessment and Evaluation</td>
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<td>Gates I, II, III; cumulative GPA</td>
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<td>ED 4350 Literacy Instruction for English Language Learners</td>
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<td>ED 4990 Supervised Student Teaching</td>
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<td>MAT 1103 Foundations of Mathematics</td>
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<td>MAT 1101 or placement exam</td>
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<tr>
<td>MAT 1105 College Algebra</td>
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<td>MAT 1101 or placement exam</td>
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<tr>
<td>MAT 1107 Algebra and Trigonometry for Science Majors</td>
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<td>MAT 1105 or placement exam</td>
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<tr>
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<td>MAT 2203 Calculus II</td>
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<td>MAT 2301 Statistics</td>
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<td>MAT 1104 or higher or placement exam</td>
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<tr>
<td>MAT 2309 College Geometry</td>
<td>3</td>
<td>MA T 2202</td>
<td></td>
</tr>
<tr>
<td>MAT 3305 Calculus Workshop using Technology</td>
<td>3</td>
<td>MAT 2202 and MAT 2203</td>
<td></td>
</tr>
<tr>
<td>MAT 3312 Linear Algebra</td>
<td>4</td>
<td>MAT 2203</td>
<td></td>
</tr>
<tr>
<td>Select <strong>ONE</strong> of the following courses</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAT 3311 Introduction to Set Theory</td>
<td></td>
<td>MAT 2203</td>
<td></td>
</tr>
<tr>
<td>MAT 3406 Theory of Numbers</td>
<td></td>
<td>MAT 2202</td>
<td></td>
</tr>
<tr>
<td>MAT 4995 Independent Study in Mathematics</td>
<td></td>
<td>Senior standing</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Major in Mathematics or Mathematics Education</td>
<td></td>
</tr>
<tr>
<td><strong>Total credits required</strong></td>
<td>130</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*The successful completion of ED 4990 satisfies the College’s Comprehensive Examination/Thesis requirement.*
### Major in Childhood Education—Concentration in Social Studies

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>48</td>
<td>MAT 1101 or higher</td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✤ QR - Take MAT 1104 Discrete Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✤ SEH - Take ECO 1201 Principles of Macroeconomics</td>
<td></td>
<td>MAT 1101 or placement exam (pre- or co-requisite)</td>
<td>ECO 1201</td>
</tr>
<tr>
<td>✤ SEH - Take ECO 2202 Principles of Microeconomics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✤ WHG - Take HIS 1201 History of the United States 1896 to Present</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 1201 Foundations of Education</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2020 Educational Psychology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2040 Psychology of the Exceptional Child</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 2100 Assessment and Evaluation</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 3000 Teaching with Technology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 4350 Literacy Instruction for English Language Learners</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>ED 4990 Supervised Student Teaching</td>
<td>6</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>CED 2200 Methods of Effective Teaching in the Inclusive Elementary</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>Classroom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CED 3300 Methods of Instruction in Writing (Grades 1-6)</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>CED 3200 Methods of Instruction in Math (Grades 1-6)</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>CED 3000 Methods of Instruction in Science (Grades 1-6)</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>CED 3700 Methods of Instruction in Social Studies &amp; Geography (Grades 1-6)</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>CED 4300 Methods of Instruction in Beginning Reading (Grades 1-6)</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>Select TWO foreign language courses in sequence</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 1102 Survey of Western Civilization (since 1500)</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>HIS 3202 Ancient History</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>HIS 3301 Medieval History</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>HIS 3312 Renaissance and Reformation</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>HIS 3401 History of the U.S.: The Age of Discovery—1789</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>HIS 3402 History of the United States: 1789–1896</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 3307 Race and Ethnicity in American Life</td>
<td></td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>HIS 3311 African-American History</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>Select TWO of the following courses</td>
<td>6</td>
<td>HIS 1201 or 15 college credits</td>
<td></td>
</tr>
<tr>
<td>HIS 2303/PSC 2312 The World in the 20th Century</td>
<td></td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>HIS 3310 Latin-American History</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>HIS 3501 The Atlantic World</td>
<td>3</td>
<td>HIS 1201</td>
<td></td>
</tr>
<tr>
<td>PSC 2320-2323 Current Problems</td>
<td></td>
<td>HIS 1201 or 15 college credits</td>
<td></td>
</tr>
<tr>
<td>PSC 2317 Government and Politics of Africa</td>
<td>3</td>
<td>PSC 1202</td>
<td></td>
</tr>
<tr>
<td>PSC 2318 Government and Politics of Asia</td>
<td>3</td>
<td>PSC 1202</td>
<td></td>
</tr>
<tr>
<td>SOC 2040 Social Anthropology</td>
<td>3</td>
<td></td>
<td>SOC 1000</td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 2201 New York On Location: Walking Tours in the City</td>
<td></td>
<td>HIS 1201 or 15 college credits</td>
<td></td>
</tr>
<tr>
<td>HIS 3480 New York City in the American Urban Experience</td>
<td>3</td>
<td>HIS 1201 or 15 college credits</td>
<td></td>
</tr>
<tr>
<td>HIS 3490 Famous Trails: Landmark Legal Cases in Amer. History</td>
<td>3</td>
<td>MAT 1101 or placement exam</td>
<td></td>
</tr>
<tr>
<td>MAT 1103 Foundations of Mathematics</td>
<td>3</td>
<td>MAT 1101 or placement exam</td>
<td></td>
</tr>
</tbody>
</table>

**Total credits required: 129**

*The successful completion of ED 4990 satisfies the College’s Comprehensive Examination/Thesis requirement*
### Major in Physical Education—Initial Certificate (Grades K-12)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>→ QR - Take MAT 1104 Discrete Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>→ FH - Take HS 1001 Health Issues</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>→ NPW - BIO 1107 Anatomy and Physiology I (4 crs)</td>
<td>3</td>
<td>BIO 1107</td>
<td></td>
</tr>
<tr>
<td>→ NPW - BIO 1108 Anatomy and Physiology II (4 crs)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 1201 Foundations of Education</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 2020 Educational Psychology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>AED 2200 Methods of Instruction in Secondary Education</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CED 2200 Methods of Effective Instruction in the Inclusive Elementary Classroom (Grades 1-6)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>ED 3000: Teaching w/ Technology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>Select THREE of the following courses</td>
<td>6</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 1101 Soccer/Volleyball Skills Activities</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 1102 Basketball, Baseball, Softball Skills Activities</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 1106 Floor Hockey/Team Handball Skills Activity</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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<tr>
<td>PE 1107 Track and Field Skills Activity</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
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</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>FIT 1121 Beginning Swimming</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>FIT 1123 Fitness Swimming</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 2202 History and Principles of Physical Education</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 2208 Kinesiology</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 3100 Evaluation of Physical Education</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 3200 Biomechanics</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 3304 Organization and Administration of Physical Education</td>
<td>2</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 3305 Physiology of Exercise</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 3308 Motor Learning</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 3322 Introduction to Legal Issues</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 4300 Methods of Instruction in PE, PreK-12</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 4302 Physical Education for Students with Special Needs</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 4616 Psychology of Sport</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PE 4990 Supervised Student Teaching in Physical Education¹</td>
<td>6</td>
<td>Gates I, II, III, IV; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>PSY 1103 Child and Adolescent Psychology</td>
<td>3</td>
<td>Instructor approval</td>
<td></td>
</tr>
<tr>
<td>Select TWO foreign language courses in sequence</td>
<td>6</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>HS 1206 Safety and First Aid</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>HS 1207 Nutrition</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td>Liberal arts electives²</td>
<td>3</td>
<td>Gates I, II, III; cumulative GPA of 3.0</td>
<td></td>
</tr>
<tr>
<td><strong>Total credits required</strong></td>
<td><strong>123</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹The successful completion of ED 4990 or PE 4990 satisfies the College’s Comprehensive Examination/Thesis requirement.

²Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
Minor in Personal Training

This minor prepares students for careers in corporate fitness, health-club management, strength coaching at the NCAA division 1 level, private training, and allied health professions. Students will learn fundamentals of weight loss, program design, nutrition, toning, strength, power, endurance and flexibility. Students will be prepared for personal training certification in organizations that include the clinically aligned America College of Sports Medicine, the sports related National Strength and Conditioning Association, as well as the fitness club affiliated National Academy of Sports Medicine. Personal trainers are more important now than at any point in world history. Technology, sedentary lifestyles, and inexpensive high fat foods can all contribute to heart disease—the leading cause of death in the USA. Personal trainers are often the first line of defense in combating the obesity epidemic.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIT 1142 Weight Training</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIT 1152 Exercise Training Techniques and Methods</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Choose ANY FIT course</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HS 1206 Safety and First Aid</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PE 1500 Personal Training</td>
<td>3</td>
<td></td>
<td>PE 1500</td>
</tr>
<tr>
<td>PE 3306 Training Theory</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>Total credits required</td>
<td>16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
English

Office: Room 6011
Phone: 718.489.5284

Chair
Dr. Athena Devlin

Professor
Maloney
Tague

Associate Professors
Devlin
Franklin
Galgan

Lecturers
Dubow
Gangi
Levenberg

Adjuncts
Afzal
Albrecht
Bové
Cotto
Donnelly
Gonzales
Gray
Johnson
Louzonis
Pizzino
Simmons
White
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 ethnic backgrounds; and 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 Program, The General Education Program Courses and Electives in English Language and Literature, The Major and Minor Programs.

Goals and Objectives

The Writing Program:

- Students will improve upon inadequate writing preparation and poor written expression by enrolling in courses designed to remediate writing problems while allowing students to demonstrate competence in written expression.
- Students will develop skills, confidence and competence in written expression.
- In their writing, students will develop sound organization of thought, clarity in the structure of sentences and paragraphs, forceful, energetic prose and critical thinking.

- Students with second language and dialect interference problems will be able to move into the mainstream of standard written English.

The General Education Program Courses and Electives:

- Students will increase their understanding of traditional genres by study in courses in major authors and in special topics courses on contemporary authors and trends.
- Students will refine their interpretive skills by being introduced to a variety of critical methods in courses on critical topics and the nature of literary analysis.
- Students will be able to discuss literary and cultural theories, enriching their understanding of a work.
- Students will be able to explain the richness and diversity of the social and ethical values in literature and their response to those values.
- Students will be able to demonstrate their sensitivity to language and to literary structure in their own writing through the cognitive and affective aims of the required writing component of each course.

The Major and Minor Programs:

- Students will be able to discuss and explain a variety of critical methods in courses on critical topics and the nature of literary analysis.
- Students will strengthen their response to literature upon completion of courses that focus on British, American, and international literary and cultural motifs.
- Through practice in careful, critical reading, students will develop a sense of literary and cultural theories, enriching their understanding of the texts they are examining.
- Students will develop skills, confidence, and competence in written expression through the required writing component of each course, by courses offered in advanced writing and research, and through courses in creative writing.
- Students will participate in internship opportunities and career counseling for both majors and minors to prepare them for graduate studies in English, as well as a wide range of careers.
Program Requirements

Major in English

English majors develop skills for a variety of positions in business, research, education, publishing, finance, and financial institutions; in cultural, entertainment, and communications fields; and in 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 students take WRI 1100: Introductory Writing, the major requires five “gateway” courses. Gateway courses are an introduction 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 (ENG 2110 and ENG 2120), a two-course sequence in British Literature (ENG 2115 and ENG 2102), and one 2000-level course in World Literature and global themes. 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.

The Department strongly recommends that English majors use some of their elective credits to pursue a minor.

Courses | Credits | Prerequisite(s) | Co-Requisite(s)
--- | --- | --- | ---
General Education Program (see page 15) | 48
First Year College ..............................................................................................
  - ITML - Take IT 1001 Computer Tools ............................................................
  - HCE - Take at least ONE course in Fine Arts (FA) ........................................
  - PEM - Take at least ONE course in Philosophy (PHI) ...................................
  - WHG - Take at least ONE course in History (HIS) ...........................................
ENG 1000 Digital Humanities ............................................................................. 3
ENG 2100 Colonial to Renaissance (American Literature Gateway) .............. 3
ENG 2120 Realism to Modernism (American Literature Gateway) ................. 3
ENG 2102 Romanticism to Modernism (British Literature Gateway) ........... 3
ENG 2115 Epic to Novel (British Literature Gateway) ....................................... 3
Any 2000-level World Literature course (World Literature Gateway) ........ 3
Select at least ONE ENG course 3000 or higher ............................................. 15
Select at least TWO ENG courses 4000-4399 ............................................... 6
ENG 4995 Independent Study ........................................................................... 3
ENG 4997 Senior Thesis ..................................................................................... 3
WRI 3010 Critical Writing and Analysis ............................................................ 3
Liberal Arts (for specific academic subjects, see page 15) .............................. 3
General electives (for specific academic subjects, see page 15) .................... 24

Total credits required ....................................................................................... 123

1 The successful completion of ENG 4997 satisfies the College’s Comprehensive Examination/Thesis Requirement.
2 Majors are encouraged to take at least 6 credits in a foreign language.
3 Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.

Department Course Genres

American and British Literature Courses

The American Literature and British Literature courses are consciously focused on offering the student a selection of literary genres. Additionally, the courses favor the aesthetic and cultural background of the time period or focus of the course. Students are expected to reflect their consciousness of the literary, artistic, and cultural contexts in their course discussions and written work. American and British literature courses are offered in a sequence that repeats every four semesters. Students interested in a particular period of American or British literature will be able to find a course on that period offered each year; individual courses are offered on a two-year rotation.

World Literature and Global Themes Courses

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

Dramatic Literature and Performance

Dramatic literature courses 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 are offered to help students develop individual style and voice. The required writing course, WRI 1100: Introductory Writing, 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 play a significant role in the introductory writing course. Creative writing courses will use literature from master writers for purposes different from literature classes.
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 contemporary New York theater. The minor is designed for students who want to learn more about theatrical practice and spectacle.

Courses | Credits | Prerequisite(s) | Co-Requisite(s)
--- | --- | --- | ---
ENG 2700 Drama Survey I | 3 |  | WRI 1100
ENG 2730 Drama Survey II | 3 |  | WRI 1100
Select **FOUR** of the following | **12** |  |  
ENG 2141 Greek Drama |  |  | WRI 1100
ENG 2300 Screenwriting and Playwriting |  |  | WRI 1100
ENG 2530 Restoration Drama |  |  | WRI 1100
ENG 2620 Shakespeare |  |  | WRI 1100
ENG 3504 American Drama |  | Any ENG course 2000 or higher
ENG 3601-3699 Special Topics in Drama |  | Any ENG course 2000 or higher
ENG 3740 Irish Drama |  | Any ENG course 2000 or higher
ENG 3750 Women Playwrights |  | Any ENG course 2000 or higher
COM 2020 Oral Interpretation |  | COM 1000
COM 2100 Acting I |  | COM 1000

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, especially sciences and medicine.

Courses | Credits | Prerequisite(s) | Co-Requisite(s)
--- | --- | --- | ---
Select **EITHER** Group A or Group B below | **6** |  |  
Group A—Select **BOTH** of the following |  |  |  
American Literature Gateway I (ENG 2110) |  | WRI 1100
American Literature Gateway II (ENG 2120) |  | WRI 1100
Group B—Select **BOTH** of the following |  |  |  
British Literature Gateway I (ENG 2102) |  | WRI 1100
British Literature Gateway II (ENG 2120) |  | WRI 1100
Select **THREE** ENG courses 3000 or higher | **9** | Any ENG course 2000 or higher
Any ENG course 4000-4399 | 3 | Five ENG courses 2000 or higher

Total credits required | **18** |  |  

Minor in Writing

The minor in Writing is intended for students who would like to improve their writing through a variety of workshop formats. The minor aims to assist students with craft and form and better prepare students for possible careers in which written communication skills are essential for advancement.

Courses | Credits | Prerequisite(s) | Co-Requisite(s)
--- | --- | --- | ---
WRI-1100 | 3 |  |  
WRI-1500 Advanced Composition | 3 | WRI-1100
Select **FOUR** of the following courses | **12** |  |  
WRI 2100 Fiction |  |  | WRI 1100
WRI 2200 Poetry |  |  | WRI 1100
WRI 2300 Dramatic-Screenwriting |  |  | WRI 1100
WRI 2400 Creative Nonfiction |  |  | WRI 1100
WRI 2600-2699 Special Topics |  |  | WRI 1100
WRI 3010 Critical Writing and Analysis |  |  | WRI 1100

Total credits required | **18** |  |  

St. Francis College

Programs of Study 81
Masters of Fine Arts in Creating Writing (MFA)
The program’s 10-day residencies convene twice per year, January 2nd - 12th and July 5th - 15th. Residencies consist of intensive faculty workshops, lectures and daily publishing panels with top agents, editors, and publishers. During the 6 months in between residencies, students will regularly exchange writing online with their faculty mentors, continuing the work that began in residency. Students will take 4 online workshops and attend 5 residencies to earn the 36 credits for their MFA degree. The 5th and final residency will culminate in a creative thesis—a novel, a chapbook of poetry or a short story collection.

This structure reflects the realities of life as a working writer. Aspiring writers learn how to be productive in their everyday lives with editorial feedback and contact, without giving up their day jobs. Unlike traditional MFA programs that demand a full-time commitment, our low-residency model represents the working life of the overwhelming majority of professionals in the field.

MFA, Fiction

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
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<tr>
<td>WRI 7010 Introductory Residency</td>
<td>4</td>
<td>WRI 7010</td>
<td></td>
</tr>
<tr>
<td>WRI 7210 Introductory Workshop and Practicum</td>
<td>4</td>
<td>WRI 7010 and WRI 7210, WRI 7310 or WRI 7410</td>
<td>WRI 7100, WRI 7200 and WRI 7210</td>
</tr>
<tr>
<td>WRI 7020 Intermediate Residency</td>
<td>4</td>
<td>WRI 7010, WRI 7020 and WRI 7210</td>
<td>WRI 7100 and WRI 7210, WRI 7310 or WRI 7410</td>
</tr>
<tr>
<td>WRI 7220 Intermediate Workshop and Practicum</td>
<td>4</td>
<td>WRI 7010 and WRI 7210, WRI 7310 or WRI 7410</td>
<td>WRI 7010, WRI 7200 and WRI 7210</td>
</tr>
<tr>
<td>WRI 7030 Advanced Residency</td>
<td>4</td>
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<td>WRI 7010, WRI 7210, WRI 7310 and WRI 7410</td>
</tr>
<tr>
<td>WRI 7230 Advanced Workshop and Practicum</td>
<td>4</td>
<td>WRI 7010, WRI 7200, WRI 7300, WRI 7210 &amp; WRI 7220</td>
<td>WRI 7030 and WRI 7230, WRI 7330 or WRI 7430</td>
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<tr>
<td>WRI 7040 Master Residency</td>
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<td>WRI 7010, WRI 7200, WRI 7300, WRI 7210 and WRI 7230</td>
<td>WRI 7010, WRI 7210, WRI 7300, WRI 7210 and WRI 7230</td>
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<tr>
<td>WRI 7240 Thesis Workshop and Practicum</td>
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<td>WRI 7010, WRI 7200, WRI 7300, WRI 7210 and WRI 7230</td>
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</tr>
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</table>

Successful completion of four residencies and four workshops/practicums

Total credits required ................................................................. 36

MFA, Poetry

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
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<td>WRI 7010</td>
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</tr>
<tr>
<td>WRI 7310 Introductory Workshop and Practicum</td>
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<td>WRI 7020 Intermediate Residency</td>
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<td>WRI 7010 and WRI 7210, WRI 7310 or WRI 7410</td>
<td>WRI 7010, WRI 7200 and WRI 7210</td>
</tr>
<tr>
<td>WRI 7030 Advanced Residency</td>
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<td>WRI 7010, WRI 7210, WRI 7310 and WRI 7410</td>
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<td>WRI 7030 and WRI 7230, WRI 7330 or WRI 7430</td>
</tr>
<tr>
<td>WRI 7040 Master Residency</td>
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<td>WRI 7010, WRI 7200, WRI 7300, WRI 7210 and WRI 7230</td>
<td>WRI 7010, WRI 7210, WRI 7300, WRI 7210, WRI 7220 and WRI 7230</td>
</tr>
<tr>
<td>WRI 7340 Thesis Workshop and Practicum</td>
<td>4</td>
<td>WRI 7010, WRI 7200, WRI 7300, WRI 7210 and WRI 7230</td>
<td>WRI 7010, WRI 7210, WRI 7300, WRI 7210, WRI 7220 and WRI 7230</td>
</tr>
</tbody>
</table>

Successful completion of four residencies and four workshops/practicums

Total credits required ................................................................. 36

MFA, Screenwriting and Playwrighting

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRI 7010 Introductory Residency</td>
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<td></td>
</tr>
<tr>
<td>WRI 7410 Introductory Workshop and Practicum</td>
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<td>WRI 7100, WRI 7200 and WRI 7210</td>
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<tr>
<td>WRI 7020 Intermediate Residency</td>
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<td>WRI 7010, WRI 7020 and WRI 7410</td>
<td>WRI 7010 and WRI 7210, WRI 7310 or WRI 7410</td>
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<tr>
<td>WRI 7420 Intermediate Workshop and Practicum</td>
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<td>WRI 7010 and WRI 7210, WRI 7310 or WRI 7410</td>
<td>WRI 7010, WRI 7200 and WRI 7210</td>
</tr>
<tr>
<td>WRI 7030 Advanced Residency</td>
<td>4</td>
<td>WRI 7010, WRI 7210, WRI 7310 or WRI 7410</td>
<td>WRI 7010, WRI 7210, WRI 7310 and WRI 7410</td>
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<tr>
<td>WRI 7430 Advanced Workshop and Practicum</td>
<td>4</td>
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<td>WRI 7030 and WRI 7230, WRI 7330 or WRI 7430</td>
</tr>
<tr>
<td>WRI 7040 Master Residency</td>
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<td>WRI 7010, WRI 7200, WRI 7300, WRI 7210 and WRI 7230</td>
<td>WRI 7010, WRI 7210, WRI 7300, WRI 7210, WRI 7220 and WRI 7230</td>
</tr>
<tr>
<td>WRI 7440 Thesis Workshop and Practicum</td>
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<td>WRI 7010, WRI 7200, WRI 7300, WRI 7210 and WRI 7230</td>
<td>WRI 7010, WRI 7210, WRI 7300, WRI 7210, WRI 7420 and WRI 7430</td>
</tr>
</tbody>
</table>

Successful completion of four residencies and four workshops/practicums

Total credits required ................................................................. 36
The Environmental Studies Minor is a multidisciplinary minor designed to provide students with a broad understanding of the relationship between the environment and society from different perspectives. Its primary objective is to give students an appreciation and understanding of current environmental issues, policies and challenges. At 15 credits, it fits into the free electives for most majors, from the business to the liberal arts to the sciences.

Program Requirements

Minor in Environmental Studies

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>BIO 1000 Ecology and the Environment</td>
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<tr>
<td>SCI 1301 Environmental Science</td>
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<td></td>
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<tr>
<td>Select TWO of the following courses</td>
<td>6</td>
<td>SOC 1000</td>
<td>Open to Honor Students-or with Dept. Chair Approval</td>
</tr>
<tr>
<td>BUS 1204 Business and Society</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>BUS 5401 Contemporary Business Issues: Sustainable Development</td>
<td></td>
<td>Open to Honor Students-or with Dept. Chair Approval</td>
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<tr>
<td>ECO 3307 Environmental Economics</td>
<td></td>
<td>ECO 1201</td>
<td></td>
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<tr>
<td>PHI 3344 Environmental Ethics</td>
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<td>PHI 2000 level</td>
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</tr>
<tr>
<td>REL 5309 The Environmental Crisis and the World’s Religions</td>
<td></td>
<td>Open to Honor Students-or with Dept. Chair Approval</td>
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<tr>
<td>Select TWO of the following courses</td>
<td>6</td>
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<td></td>
</tr>
<tr>
<td>BIO 1102/4000/5401 Contemporary Biology: Marine Biology</td>
<td></td>
<td>Varies</td>
<td></td>
</tr>
<tr>
<td>BIO 2204 Ecology</td>
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<td>BIO 1202</td>
<td></td>
</tr>
<tr>
<td>CHE 1000 Chemistry in Society</td>
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<tr>
<td>CHE 1101 Chemistry and Life I</td>
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<td>MAT 1101</td>
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<tr>
<td>CHE 5001 Understanding our Environment</td>
<td></td>
<td>Open to Honor Students-or with Dept. Chair Approval</td>
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<tr>
<td>ECO 2303 Economic Issues Today</td>
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<td>ECO 1201</td>
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<td>Total credits required</td>
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</table>
Foreign Languages, Fine Arts, and International Cultural Studies

Office: Room 6004
Phone: 718.489.5387

Chairperson
Dr. Suzanne Forsberg

Professors
Forsberg
Molina

Associate Professor
Wingate

Assistant Professor
Benson

Professor Emeriti
Greene
Orti

Adjuncts
Bahl
Benson
Cabri
Coburn

Adjuncts cont’d
Del Busto
D’Augusta
D’Italia-Wiener
El-Ayouty
Fontana
Kaminski
Louzonis
Michel
Murillo
Parkinson
Pollack
Rinaldi
Shea
Shilova
Skrill
Suchma
Valenzuela

Department Mission

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

Through its courses in the General Education Program, the department strives to create a firm foundation for students’ education, thus providing them with fundamentals for living a fulfilling life. While pursuing their separate major programs, students also are exposed to the humanistic values of a liberal education as signified by the department’s role in the general education program.

Through course offerings in foreign languages, the fine arts, and international cultural studies, the students learn to appreciate the complexities of the multicultural society in which we live. At the same time, the department supports the College curriculum by contributing to the educational needs of its multiracial, ethnically varied, urban student body.

Goals and Objectives

- Provide courses in foreign languages, fine arts, and international cultural 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 General Education Program.

- Help prepare students in ICS and Spanish majors for meaningful careers in a broad range of areas, such as business, government, law, teaching, and social services.

- Provide minor concentrations in music, fine arts, foreign languages, and international cultural studies as a significant supplement to the student’s chosen major.

- Develop in all students an appreciation of cultural and linguistic diversity and offer an 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, such as concerts on and off campus, museum tours, architectural field trips, and other social events that draw upon the city’s cultural richness.

- Offer to departmental majors and interested students from other departments the opportunity for internships and study abroad in contexts appropriate to their academic interest.

Objectives

- Students will effectively demonstrate an understanding of concepts from their courses in written and oral form.

- Students will analyze works of art and music using the appropriate vocabulary of each discipline.

- Students will speak, write, read, and exhibit an understanding of languages, cultures, and literature in Spanish, French, or Italian.

- Students will demonstrate an ability to live in and understand a foreign culture for a period of a month or a year.

- Students will derive valuable work experience in an internship that could lead not only to future career opportunities but also to an engagement in the global community.
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. From world hunger and the environment to technology and communication, majors learn about the integral role culture plays in today’s most pressing issues. Gaining an appreciation of their own culture through the study of other societies, majors also come to 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 a wide range of career opportunities in the public and private sectors, including careers in banking, multinational corporations, internationally oriented firms, various government agencies, and cultural foundations and institutes. The program includes a study-abroad component as well as an internship experience. Students choose one of three concentrations in the major: Western Europe, Latin America and the Caribbean, and International Business.

Major in International Cultural Studies—Concentration in International Business

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year Program</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✷ HCE - Take TWO Fine Arts (FA) courses. The department strongly recommends ONE music and ONE art.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✷ SEH - Take ECO 1201 Principles of Macroeconomics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACC 1101 Elementary Accounting I</td>
<td>4</td>
<td>MAT 1101 or placement exam (pre- or co-requisite)</td>
<td>BUS 1001</td>
</tr>
<tr>
<td>BUS 1001 Organization and Management</td>
<td>3</td>
<td>ECO 1201</td>
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<tr>
<td>Select ONE of the following courses</td>
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<td>ECO 1201</td>
<td>ECO 2202 or ECO 2306</td>
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<tr>
<td>ECO 2202 Principles of Microeconomics</td>
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<td>ACC 1001 or ACC 1101</td>
<td>ECO 2306</td>
</tr>
<tr>
<td>ECO 2306 Money and Banking</td>
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<td>MAT 1105 or placement exam</td>
<td>ECO 2306</td>
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<tr>
<td>ECO 3331/FIN 3301 Principles of Finance</td>
<td>3</td>
<td>Junior standing</td>
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</tr>
<tr>
<td>ECO 4403 International Economics, Trade, and Finance</td>
<td>3</td>
<td>Chairperson’s approval</td>
<td>ICS 1241 or PSY 1103 or higher</td>
</tr>
<tr>
<td>FA 1403 Music of Many Cultures</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select FOUR foreign language courses in sequence</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>HR 2204 Human Resources Management</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS 1240 Peoples/Cultures of the Contemporary World I</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS 1241 Peoples/Cultures of the Contemporary World II</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>ICS 3380/PSY 3380 Cross-Cultural Psychology/Communications</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
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<td></td>
<td></td>
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<tr>
<td>FA 5441 Music, Art &amp; Architecture in Venice and the Veneto (Honors)</td>
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<tr>
<td>ICS 3315 Spanish Civilization and Culture</td>
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<tr>
<td>ICS 5306 German Culture and Fine Arts (Honors)</td>
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<td>ICS 5307 Austrian Culture and Fine Arts (Honors)</td>
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<td>ICS 5341 Latino Culture and Literature</td>
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<td>ICS 4450 Study Abroad</td>
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<tr>
<td>ICS 4990 Internship in International Cultural Studies</td>
<td>3</td>
<td></td>
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<tr>
<td>ICS 4998 Senior Thesis</td>
<td>3</td>
<td>Open to Honor Student or with Chairperson’s approval</td>
<td>ICS 1240</td>
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<tr>
<td>MKT 2201 Marketing</td>
<td>3</td>
<td>Open to Honor Student or with Chairperson’s approval</td>
<td>ICS 1240</td>
</tr>
<tr>
<td>MKT 3330 International Marketing</td>
<td>3</td>
<td>Open to Honor Student or with Chairperson’s approval</td>
<td>ICS 1241</td>
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<td>Liberal Arts (for specific academic subjects, see page 15)</td>
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<td>General electives</td>
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<tr>
<td>Total credits required</td>
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</table>

1The 12 credits must all be in the same language.
2The successful completion of ICS 4998 satisfies the College’s Thesis requirement.
3Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e., minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
4Year course plans can be found in the appendix.
# Major in International Cultural Studies—Concentration in Latin American and Caribbean Studies

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (<a href="#">see page 15</a>)</td>
<td>48</td>
</tr>
<tr>
<td>First Year Program</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
</tr>
<tr>
<td>✤ HCE - Take TWO Fine Arts (FA) courses. The department strongly recommends ONE music and ONE art.</td>
<td></td>
</tr>
<tr>
<td>✤ SEH - Take ECO 1201 Principles of Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>✤ SEH - Take ECO 2202 Principles of Microeconomics</td>
<td></td>
</tr>
<tr>
<td>ECO 3304 Political Economy of Development</td>
<td>3</td>
</tr>
<tr>
<td>FA 1403 Music of Many Cultures</td>
<td>3</td>
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<tr>
<td>Select <strong>FOUR</strong> foreign language courses in sequence¹</td>
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<tr>
<td>ICS 1240 Peoples/Cultures of the Contemporary World I</td>
<td>3</td>
</tr>
<tr>
<td>ICS 1241 Peoples/Cultures of the Contemporary World II</td>
<td>3</td>
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<tr>
<td>ICS 3311 Contemporary Latin American Authors</td>
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</tr>
<tr>
<td>ICS 3312 Hispanic Caribbean Cultures and Literature</td>
<td>3</td>
</tr>
<tr>
<td>ICS 3314 Puerto Rican Culture and Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ICS 3315/SPA 3402 Spanish Civilization and Culture</td>
<td>3</td>
</tr>
<tr>
<td>ICS 3370/SOC 2040 Cultural Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>ICS 3380/PSY 3380 Cross-Cultural Psychology/Communications</td>
<td>3</td>
</tr>
<tr>
<td>ICS 4313 Origins/Development of Liberation in Latin America</td>
<td>3</td>
</tr>
<tr>
<td>ICS 4450 Study Abroad</td>
<td>3</td>
</tr>
<tr>
<td>ICS 4990 Internship in International Cultural Studies</td>
<td>3</td>
</tr>
<tr>
<td>ICS 4998 Senior Thesis²</td>
<td>3</td>
</tr>
<tr>
<td>Select <strong>ONE</strong> of the following courses</td>
<td>3</td>
</tr>
<tr>
<td>ICS 5341/SPA 5401 Latino Culture and Literature</td>
<td></td>
</tr>
<tr>
<td>SPA 3414 Hispanic Caribbean Culture and Literature</td>
<td></td>
</tr>
<tr>
<td>General electives</td>
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</tr>
<tr>
<td>Total credits required</td>
<td>123</td>
</tr>
</tbody>
</table>

1. The 12 credits must all be in the same language.
2. The successful completion of ICS 4998 satisfies the College’s Thesis requirement.
3. Year course plans can be found in the appendix.
Major in International Cultural Studies—Concentration in Western European Studies

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (<a href="#">see page 15</a>) ..................................48</td>
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<tr>
<td>First Year Program ....................................................................................</td>
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<tr>
<td>Bodies of Knowledge ...................................................................................</td>
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</tr>
<tr>
<td>➤ HCE - Take TWO Fine Arts (FA) courses. The department strongly recommends ONE music and ONE art........</td>
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<tr>
<td>➤ SEH - Take ECO 1201 Principles of Macroeconomics................................</td>
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</tr>
<tr>
<td>➤ SEH - Take ECO 2202 Principles of Microeconomics ...............................</td>
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<tr>
<td>HIS 2404 Modern European History 1763-1914 .........................................3</td>
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<tr>
<td>FA 1403 Music of Many Cultures ................................................................3</td>
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<td></td>
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</tr>
<tr>
<td>Select FOUR of the following courses ....................................................12</td>
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<tr>
<td>FA 1408 Italian Fine Arts ..........................................................................</td>
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</tr>
<tr>
<td>FA 3409 Art and Architecture in England ...............................................</td>
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</tr>
<tr>
<td>FA 5441 Music, Art &amp; Architecture in Venice and the Veneto (Honors) ..........</td>
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<tr>
<td>FRE 3405 French Civilization and Culture ...............................................</td>
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</tr>
<tr>
<td>ICS 5306 German Culture and Fine Arts (Honors) ......................................</td>
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</tr>
<tr>
<td>ICS 5306/FA 3413 Austrian Culture and Fine Arts (Honors) .......................</td>
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<td></td>
</tr>
<tr>
<td>Select FOUR foreign language courses in sequence¹ ................................12</td>
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<tr>
<td>ICS 1240 Peoples/Cultures of the Contemporary World I ............................3</td>
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<tr>
<td>ICS 1241 Peoples/Cultures of the Contemporary World II ............................3</td>
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<tr>
<td>Any ICS course 3000 or higher² ...............................................................3</td>
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<tr>
<td>ICS 3315/SPA 3402 Spanish Civilization and Culture ...................................3</td>
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<tr>
<td>ICS 3380/PSY 3380 Cross-Cultural Psychology/Communications ......................3</td>
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<tr>
<td>ICS 4450 Study Abroad ...............................................................................3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS 4990 Internship in International Cultural Studies ...............................3</td>
<td></td>
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<td></td>
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<tr>
<td>ICS 4998 Senior Thesis³ ..........................................................................3</td>
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<tr>
<td>General electives .......................................................................................21</td>
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</tr>
<tr>
<td>Total credits required .............................................................................123</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹The 12 credits must all be in the same language.
²ICS 5306 is recommended.
³The successful completion of ICS 4998 satisfies the College’s Thesis requirement.

4-Year course plans can be found in the appendix.
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)
--- | --- | --- | ---
General Education Program (see page 15) | 48 |
First Year Program | |
Bodies of Knowledge | |

⇒ HCE - Take TWO Fine Arts (FA) courses. The department strongly recommends ONE music and ONE art.

Select FOUR foreign language courses in sequence¹ | 12 | Chairperson’s approval |
Select EITHER Group A or Group B below² | 6 |
Group A—Select BOTH of the following courses
SPA 1101 Lower Beginning Spanish | |
SPA 1102 Upper Beginning Spanish | Spa 1101 |
Group B—Select BOTH of the following courses
SPA 2115 Conversation in Spanish | |
SPA 1105 Spanish for Bilingual Students |
SPA 2104 Upper Intermediate Spanish | Spa 2103 |
SPA 2103 Lower Intermediate Spanish² | Spa 1102 or placement exam |
SPA 2104 Upper Intermediate Spanish | Spa 2103 |
SPA 2201 Contemporary Readings of Spain/Latin America I | Spa 2104 |
Select ONE of the following courses | 3 |
ICS 3314 Puerto Rican Culture and Civilization | ICS 1240 and ICS 1241 |
ICS 3315/SPA 3402 Spanish Civilization and Culture | ICS 1240 and ICS 1241 |
SPA 4419 Travel and Study in Spain, Latin America or the Caribbean |
Select FIVE of the following courses | 15 |
SPA 3302 Contemporary Spanish Literature: 1898 to Present | Spa 2202 |
SPA 3305 History of Spanish-American Literature I | Spa 2104 |
SPA 3306 History of Spanish-American Literature II | Spa 3305 |
SPA 3411 Latin American Nobel Laureates in Literature |
SPA 4308 Advanced Spanish Conversation | Spa 2202 |
SPA 4407 Cervantes | Spa 2202 |
SPA 4415 Puerto Rican Literature: Ethnicity and National Identity in Poetry, Fiction, and Essays |
Select ONE of the following courses | 3 |
SPA 3414 Hispanic Caribbean Culture and Literature |
SPA 5401/ICS 5341 Latino Culture and Literature | Open to Honors Students or with Chairperson’s approval |
SPA 4998 Senior Thesis | Senior standing |
General electives | 24 |
Total credits required | 124 |

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

²Students who speak Spanish must select GROUP B. If the student has language skills beyond the intermediate level he/she can proceed to the advanced courses. Students majoring in Spanish must complete a total of 27 credits, including the thesis. If these course requirements are waived, the credits must be completed as free electives. Please speak with the Chairperson for appropriate language placement. Students must see Department for Group B placement.

³The successful completion of SPA 4998 satisfies the College’s Comprehensive Examination/Thesis requirement. 4-Year course plans can be found in the appendix.
Minor in Fine Arts

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FA 1402 Orientation in Art</td>
<td>3</td>
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<tr>
<td>Select FIVE of the following courses</td>
<td>15</td>
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</tr>
<tr>
<td>FA 1100 Introduction to Glassblowing</td>
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<tr>
<td>FA 1101 Illuminated Manuscript: Neon Art</td>
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<tr>
<td>FA 1408 Italian Fine Arts</td>
<td></td>
<td>FA 1402 or FA 1420</td>
<td></td>
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<tr>
<td>FA 1420 American Art</td>
<td></td>
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<tr>
<td>FA 2403 Twentieth Century Art</td>
<td></td>
<td>FA 1402 or FA 1420</td>
<td></td>
</tr>
<tr>
<td>FA 2404/5 Introduction to Studio Art</td>
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<tr>
<td>FA 2408 Commemorative Practices in the U.S.</td>
<td>AMS 1001 and WRI 1100</td>
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<tr>
<td>FA 2409 Art of Social Change</td>
<td>FA 1402, FA 1420 or AMS 1001</td>
<td></td>
<td></td>
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<tr>
<td>FA 2410 Art in New York City</td>
<td>FA 1402, FA 1420 or AMS 1001</td>
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<tr>
<td>FA 3210 Women in the Arts</td>
<td>WRI 1100, FA 1401 and FA 1402</td>
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</tr>
<tr>
<td>FA 3409 Art and Architecture in England</td>
<td>FA 1402 or FA 1420</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FA 5406 Ancient Egyptian Art</td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FA 5440 Studies in Architecture:</td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
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</tr>
<tr>
<td>The Building Is the Book (Honors)</td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS 5441 Music, Art &amp; Architecture in Venice and the Veneto (Honors)</td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FRE 3405 French Civilization and Culture</td>
<td>FA 1402</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS 3315/SPA 3402 Spanish Civilization and Culture</td>
<td>ICS 1240 and ICS 1241</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS 5306 German Culture and Fine Arts (Honors)</td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
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<tr>
<td>ICS 5307 Austrian Culture and Fine Arts (Honors)</td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
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</tr>
<tr>
<td>Total credits required</td>
<td>18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 1101 Lower Beginning French</td>
<td>3</td>
<td>FRE 1101</td>
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<tr>
<td>FRE 1102 Upper Beginning French</td>
<td>3</td>
<td>FRE 1102</td>
<td></td>
</tr>
<tr>
<td>FRE 2103 Lower Intermediate French</td>
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<td></td>
</tr>
<tr>
<td>FRE 2104 Upper Intermediate French</td>
<td>3</td>
<td>FRE 2103</td>
<td></td>
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<tr>
<td>FRE 3405 French Civilization and Culture</td>
<td>3</td>
<td>FA 1402</td>
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<tr>
<td>Total credits required</td>
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</table>

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITA 1101 Lower Beginning Italian</td>
<td>3</td>
<td>ITA 1101</td>
<td></td>
</tr>
<tr>
<td>ITA 1102 Upper Beginning Italian</td>
<td>3</td>
<td>ITA 1102</td>
<td></td>
</tr>
<tr>
<td>ITA 2103 Lower Intermediate Italian</td>
<td>3</td>
<td>ITA 1203</td>
<td></td>
</tr>
<tr>
<td>ITA 2104 Upper Intermediate Italian</td>
<td>3</td>
<td>ITA 1203</td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
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<tr>
<td>FA 1408 Italian Fine Arts</td>
<td>FA 1402</td>
<td></td>
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</tr>
<tr>
<td>ITA 2001 Italian Film: From Neorealism to Contemporary</td>
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<tr>
<td>Total credits required</td>
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</table>

A maximum of 6 CLEP credits will be accepted toward the minor in Italian.
Minor in Spanish

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
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</thead>
<tbody>
<tr>
<td>SPA 1101 Lower Beginning Spanish¹</td>
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<td>SPA 1101</td>
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<tr>
<td>SPA 1102 Upper Beginning Spanish¹</td>
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<td>SPA 1102 or placement exam</td>
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<tr>
<td>SPA 2103 Lower Intermediate Spanish¹</td>
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<td>SPA 1103</td>
<td></td>
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<tr>
<td>SPA 2104 Upper Intermediate Spanish¹</td>
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<td>SPA 1103</td>
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<tr>
<td>Select ONE of the following courses</td>
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</tr>
<tr>
<td>SPA 2201 Contemporary Readings of Spain/Latin America I</td>
<td>3</td>
<td>SPA 2104</td>
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</tr>
<tr>
<td>SPA 2202 Contemporary Readings of Spain/Latin America II</td>
<td>3</td>
<td>SPA 2104</td>
<td></td>
</tr>
<tr>
<td>SPA 3402/ICS 3315 Spanish Civilization and Culture</td>
<td>3</td>
<td>ICS 1240 and ICS 1241</td>
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<tr>
<td>SPA 5401 Latino Culture and Literature</td>
<td>3</td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
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</table>

Total credits required .......................................................... 15

¹Students 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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
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<tr>
<td>ICS 1240 Peoples/Cultures of the Contemporary World II</td>
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<td>ICS 1241</td>
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</tr>
<tr>
<td>ICS 1241 Peoples/Cultures of the Contemporary World II</td>
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<td>ICS 1241</td>
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<tr>
<td>ICS 3380/PSY 3380 Cross-Cultural Psychology/Communications</td>
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<td>ICS 1240 or PSY 1103 or higher</td>
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<td>Select ONE of the following courses</td>
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<tr>
<td>ICS 3311 Contemporary Latin American Authors</td>
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<td>ICS 1240</td>
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<tr>
<td>ICS 3312 Hispanic Caribbean Cultures and Literature</td>
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<td>ICS 1240</td>
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<tr>
<td>ICS 3314 Puerto Rican Culture and Civilization</td>
<td>3</td>
<td>ICS 1240</td>
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</tr>
<tr>
<td>ICS 3370/SOC 2040 Cultural Anthropology</td>
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<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>FA 3409 Art and Architecture in England</td>
<td>3</td>
<td>FA 1402</td>
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<tr>
<td>FRE 3405 French Civilization and Culture</td>
<td>3</td>
<td>FA 1402</td>
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</tr>
<tr>
<td>Select ONE of the following courses</td>
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</tr>
<tr>
<td>FA 1408 Italian Fine Arts</td>
<td>3</td>
<td>FA 1402</td>
<td></td>
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<tr>
<td>FA 5441 Music, Art &amp; Architecture in Venice and the Veneto (Honors)</td>
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<td>Open to Honor Students or with Chairperson’s Approval</td>
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</tr>
<tr>
<td>ICS 3315/SPA 3402 Spanish Civilization and Culture</td>
<td>3</td>
<td>ICS 1240</td>
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<tr>
<td>ICS 3315/SPA 3402 Spanish Civilization and Culture</td>
<td>3</td>
<td>ICS 1241</td>
<td></td>
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<tr>
<td>ICS 5306 German Culture and Fine Arts (Honors)</td>
<td></td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
<td></td>
</tr>
<tr>
<td>ICS 5307 Austrian Culture and Fine Arts (Honors)</td>
<td></td>
<td>Open to Honor Students or with Chairperson’s Approval</td>
<td></td>
</tr>
<tr>
<td>ICS 5341 Latino Culture and Literature (Honors)</td>
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<td>Open to Honor Students or with Chairperson’s Approval</td>
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</table>

Total credits required .......................................................... 18
### Minor in Music

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FA 1401 Music of the Western World</td>
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<tr>
<td>FA 1401 Music of the Western World</td>
<td>3</td>
<td></td>
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<tr>
<td>FA 1405 Fundamentals of Music Theory</td>
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<tr>
<td>Select <strong>ONE</strong> of the following courses</td>
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<tr>
<td>FA 2100 Beginning Guitar</td>
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<tr>
<td>FA 4996 Choir (take 3 1CR sections)</td>
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<tr>
<td>Select <strong>TWO</strong> of the following courses</td>
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<td></td>
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</tr>
<tr>
<td>FA 1403 Music of Many Cultures</td>
<td></td>
<td></td>
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<tr>
<td>FA 1404 American Music</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FA 3210 Women in the Arts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FA 5415 Opera in NY City</td>
<td></td>
<td>Open to Honor Students or with Dept. Chair Approval</td>
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</tr>
<tr>
<td>FA 5417/ENG 5406 The Blues, Jazz and the Harlem Renaissance (Honors)</td>
<td></td>
<td>Open to Honor Students or with Dept. Chair Approval</td>
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</tr>
<tr>
<td>FA 5441 Music, Art, &amp; Architecture in Venice and the Veneto (Honors)</td>
<td></td>
<td>Open to Honor Students or with Dept. Chair Approval</td>
<td></td>
</tr>
<tr>
<td>ICS 5306 German Culture and Fine Arts (Honors)</td>
<td></td>
<td>Open to Honor Students or with Dept. Chair Approval</td>
<td></td>
</tr>
<tr>
<td>ICS 5307 Austrian Culture and Fine Arts(Honors)</td>
<td></td>
<td>Open to Honor Students or with Dept. Chair Approval</td>
<td></td>
</tr>
</tbody>
</table>

Total credits required ..........................................................................................15
Honors

Office: Room 5001
Phone: 718.489.5347
E-mail: jdilyard@sfc.edu
honorsprogram@sfc.edu

Director
John Dilyard, Ph.D.

Program Mission
The Honors Program's mission is to form a community of active, life-long learners who will become adept at functioning in a complex, increasingly interconnected world. This is accomplished through interdisciplinary courses anchored in the liberal arts. The Program strengthens its students intellectually by challenging them academically, encouraging their intellectual curiosity, and honing their research, writing, critical thinking and speaking skills. Keeping with the College's Franciscan roots, Honors students constantly are encouraged to embrace the key Franciscan values of care of creation, compassion, humility and service to others. By offering courses in a wide variety of disciplines, the Program enhances the academic experience of every major.

Goals and Objectives
- Read, analyze and interpret primary and secondary sources.
- Actively engage in seminar discussions.
- Plan, organize and make oral presentations.
- Write essays and reports that are well-conceived, well-organized and well-written.
- Take advantage of and participate in the cultural resources found in the metropolitan area.
- Become aware of the interconnectedness of knowledge.
- Conduct original research and explore perspectives on existing theories, concepts and ideas.

The Honors program provides students the opportunity to study and investigate areas of interdisciplinary concern and personal interest. The Program requires the student to enroll in and complete eight three-credit Honors courses, beginning with a year-long freshman seminar and ending in a year-long senior thesis. The freshman seminars are focused around a timely theme chosen by the Honors Director. The topic of the Honors Thesis is chosen by the individual Honors student and requires the student to engage in in-depth research, guided by a mentor chosen by the student, culminating in a polished, thoroughly documented research paper. Students have the opportunity to present their research at an annual Honors Symposium. Each thesis is carefully monitored by the mentor and is critically examined by a designated reader from the Honors Council.

Independent research and self-motivated study are combined in Honors seminars. Brief essays, oral presentations, and longer research projects form the basis for grades in the seminars. Formal testing is neither used, nor permitted. Field trips are encouraged, and attendance at or participation in cultural and social activities at the College are expected, as is a service component.

The non-freshman Honors courses that are offered each semester are selected from a large and constantly growing collection of courses. This course catalog includes all active Honors courses, but Honors students should check with the Program Director's office to learn about new courses that will be offered. Decisions about which Honors courses are offered are made each semester and will appear on WebAdvisor during registration periods. Honors students have priority registration and are eligible to register for courses on the first day of registration.

Membership in the Honors program is limited. Qualified admitted freshmen are invited into the program based on a combination of test scores and high school performance. Transfer students, second semester freshman and, at times, sophomores who demonstrate academic talent and interest in the Honors Program may also be invited into the Program. Once in the Program, Honors students are required to maintain at least a 3.50 grade point average and show progress toward meeting their Honors course requirements. Honors students entering as freshman must complete 24 Honors credits; Honors students beginning as sophomores must complete 18 Honors credits.

All students interested in additional information about the Honors program should contact the Director.

Program Requirements

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HON 5101 Honors Freshman Seminar I</td>
<td>3</td>
<td>Acceptance into the Honors program</td>
<td>HON 5101 or Honors Director's approval</td>
</tr>
<tr>
<td>HON 5102 Honors Freshman Seminar II</td>
<td>3</td>
<td></td>
<td>HON 5101 or Honors Director's approval</td>
</tr>
<tr>
<td>Select FOUR Honors courses</td>
<td>12</td>
<td>Various—see course listings</td>
<td>Honors Director's approval</td>
</tr>
<tr>
<td>HON 5997 Honors Thesis</td>
<td>3</td>
<td>Honors Director's approval</td>
<td></td>
</tr>
<tr>
<td>HON 5998 Honors Thesis</td>
<td>3</td>
<td>Honors Director's approval</td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1Honors courses are identified by course numbers 5000 through 5998 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 and planning their academic programs, regardless of major.
Program Mission
This flexible 62-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 the Program Director or an advisor in the Center for Student Success Office.

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

Program Requirements
Associate of Arts in Liberal Arts

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program</td>
<td>32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Arts electives</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Free electives</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>62</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

At least 3/4 of degree credits must be courses from the Liberal Arts category. For specific academic subjects, see page 15.
Management and Information Technology

Office: Room 5004
Phone: 718.489.3465

Chairperson
Dr. Dennis Anderson

Professors
Anderson
Dilyard
Edington
Klein

Associate Professors
Westcott

Assistant Professors
Pashkevich
Sanchez-Persampieri
Segares
Xia

Lecturers
Smolizza

Department Assistant/ TBA

Adjuncts
Bengren
Blackwood
Cato
Daly

Dabbah
D’Esposito
Diodato
Gelormino
Giardino
Jordan
Khan
Licata
MacIntyre
McCabe
Miller-Greaves
Morales
Oliva
Paguaga
Reilly
Ragno
Robertson
Schroeder
Shum
Tamparo
Tully
Van Nice
Weisman
Williams
Zacarnev

Mission of the Management and Information Technology Department

The Management and Information Technology Department offers two majors – Management and Information Technology. 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 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, project management, information systems, operations research management and risk management – and then allowing them to specialize in a discipline of their choice.

Areas of Study

The College offers an Associate of Applied Science (A.A.S.) in Business Administration, a Bachelor of Science (B.S.) degree in Management, and a Master of Science (M.S.) in Management. 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 Business, Information Technology, Interactive Multimedia, Project Management, Entrepreneurship or Sports Management are also available.

Goals and Objectives

Goals

- Provide students with a strong foundation in the core areas of business – marketing, finance, human resources, operations research management, information technology and project management - that will prepare them for a career in an ever-changing global business environment and/or the pursuit of a graduate education.
- Develop students’ managerial, relationship management and leadership skills through collaborative work.
- Provide students with an appreciation of the importance information technology has on an organization and how business applies and adapts to new technologies.
- Prepare students to be responsible professionals who are aware of the ethical, legal and societal issues in which business operates.

Objectives

Students majoring in management:

- Will be able to analyze business situations and demonstrate a working knowledge of business planning processes, concepts, methods, and strategies.
- Will know how to apply basic business concepts in finance, human resources management, IT, marketing, operations and project management to solve business problems.
- Will understand the basic concepts of finance and be able to apply them to financial planning situations.
• Will be able to articulate how to manage human resources in a global and diverse business world.
• Will be able to identify, illustrate and apply core marketing terms, concepts and processes and explain how marketing creates value for customers and companies.
• Will be able to analyze, evaluate and classify information from a variety of sources to determine its relevance to understanding significant opportunities and challenges.
• Will be able to collect, organize, and draw inferences from various types of data and interpret results to support effective managerial decision making.
• Will be able to demonstrate the use of IT as an aide for decision-making in modern organizations.
• Will be able to explain how the financial, IT, human resources, marketing, operations and project management functions in a company are integrated.
• Will be able to formulate alternatives and select a solution when making a business decision.
• Will be able to prepare a strategic plan.
• Will be able to integrate ethical thinking into all aspects of business decision making.
• Will be able to work effectively in groups and demonstrate leadership skills.
• Will be able to present their ideas, decisions and/or conclusions on business issues in a clear manner.

Goals and Objectives
Goals
• Provide students with the foundational theoretical knowledge, and integrated IT and business skills necessary for a successful career and graduate-level work in an ever-changing, global environment.
• Provide students with the knowledge, skills, and understanding of design, analysis, and implementation aspects of computer systems, and computer communications and networking.
• Prepare students to design, implement, and evaluate a computer-based system, process, component, or program to meet user requirements.
• Prepare students to evaluate current and emerging technologies and understand the impact that information technology has on organizations.
• Provide students with opportunities to work in teams in order to develop managerial and leadership skills.
• Prepare students to be responsible IT professionals who are aware of ethical, legal and societal issues.

Objectives
• Upon completion of the IT program, students will be able to:
  • Discuss the significance and impact of information technology in personal, organizational, and societal contexts.
  • Demonstrate the foundational knowledge and skills which will enable students to enter and advance in the IT profession and graduate-level work.
  • Demonstrate an understanding of, and critically evaluate the appropriate use of, the methodologies and techniques associated with traditional System Development Life Cycle (SDLC), the Agile Development Life Cycle (ADLC), Rapid Application Development (RAD), and Joint Application Development (JAD).
  • Analyze how companies strategically use and integrate technology into their business to gain competitive advantage.
  • Work effectively in teams.
  • Apply analytical and problem solving methodologies to quantitative and qualitative problems.
  • Demonstrate the elements of programming, logical and physical design principles, and data modeling techniques.
  • Examine professional ethics in light of legal, organizational and societal responsibilities.
  • Communicate effectively with a range of audiences.

Mission of the Information Technology (IT) Major

Students in the Information Technology major are prepared for careers in the rapidly changing field of IT. The Department’s primary mission is to provide and offer its majors state-of-the-art IT courses, but it also extends this mission to students in other disciplines, particularly management, accounting, biology, health care management, education and nursing.

Areas of Study

The department offers a Bachelor of Science (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 IT to achieve competitive advantages in the market place. Students may study decision support systems, telecommunications, systems 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 needs.
## 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, medium 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 BUS4998 with B or better 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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (<a href="#">see page 15</a>)</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QR - Take MAT 1105 College Algebra</td>
<td></td>
<td>MAT 1101</td>
<td></td>
</tr>
<tr>
<td>ITML - Take IT 1001 Computer Tools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SEH - Take ECO 1201 Principles of Macroeconomics</td>
<td></td>
<td>MAT 1101 or placement exam (pre- or co-requisite)</td>
<td></td>
</tr>
<tr>
<td>SEH - Take ECO 2202 Principles of Microeconomics</td>
<td></td>
<td>ECO 1201</td>
<td></td>
</tr>
<tr>
<td>ACC 1101 Elementary Accounting I</td>
<td>4</td>
<td>MAT 1101 or placement exam</td>
<td>BUS 1001</td>
</tr>
<tr>
<td>ACC 1102 Elementary Accounting II</td>
<td>4</td>
<td></td>
<td>ACC 1101</td>
</tr>
<tr>
<td>BL 2101 Business Law I</td>
<td>3</td>
<td></td>
<td>BUS 1001</td>
</tr>
<tr>
<td>BUS 1001 Organization and Management</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 4998 Capstone Business Policies</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ECO 2306 Money and Banking</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT 1001 Introduction to Entrepreneurship</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN 3301 Principles of Finance</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Any FIN course except FIN 3301/ECO 3331</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HR 2204 Human Resources Management</td>
<td>3</td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>IT 1103 Computer-Based Information Systems</td>
<td>3</td>
<td>IT-1001</td>
<td></td>
</tr>
<tr>
<td>IT 3301 Project Management</td>
<td>3</td>
<td>IT-1001</td>
<td></td>
</tr>
<tr>
<td>MKT 2201 Marketing</td>
<td>3</td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>Any MKT (except MKT 2201)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ORM 3301 Empirical Methods for Business Research</td>
<td>3</td>
<td>MAT 1105</td>
<td></td>
</tr>
<tr>
<td>Any THREE BUS, ENT, HR or ORM 2000 level or higher course</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSC 2404 Government and Business: 1865–Present</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Arts(^1) (for specific academic subjects, see page 15)</td>
<td>15</td>
<td>24 college credits</td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>122</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The passing of BUS 4998 with B or better satisfies the College’s Comprehensive Examination/Thesis requirement.

\(^1\)Except ECO 3331/FIN 3301.

\(^2\)Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.

\(^3\)The Department strongly recommends courses in BUS, ENT, IT, HR, MKT, ORM, PM or SPM.
Program Requirements

Major in Information Technology

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 major are encouraged to select a concentration in one of the following areas: E-Commerce, Finance and Risk Management, General Business, International Business or Marketing. Minors in Business, Interactive Multimedia or Sports Management or Project Management or Entrepreneurship are also available.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requirement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15).</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td>MAT 1101</td>
</tr>
<tr>
<td>→ QR - Take MAT 1105 College Algebra</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>→ ITML - Take IT 1001 Computer Tools</td>
<td></td>
<td></td>
<td>MAT 1101</td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>→ SEH - Take ECO 1201 Principles of Macroeconomics</td>
<td></td>
<td></td>
<td>MAT 1101 or placement exam (pre- or co-requisite)</td>
</tr>
<tr>
<td>→ SEH - Take ENT 1001 Introduction to Entrepreneurship</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS-1001 Organization and Management</td>
<td>3</td>
<td></td>
<td>IT 1001 (may be taken as pre- or co-requisite)</td>
</tr>
<tr>
<td>IT 1103 Computer-Based Information Systems</td>
<td>3</td>
<td>IT 1101 and MAT-1104</td>
<td></td>
</tr>
<tr>
<td>IT 1104 Programming I</td>
<td>3</td>
<td>IT 1103</td>
<td></td>
</tr>
<tr>
<td>IT 2201 Telecommunications and Networking</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 2410 Web Design</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 2510 Database Management Systems</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 3101 Information Technology Law and Ethics</td>
<td>3</td>
<td>IT 1103</td>
<td></td>
</tr>
<tr>
<td>IT 3301 Project Management</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 3310 Systems Analysis and Design</td>
<td>3</td>
<td>IT 2510</td>
<td></td>
</tr>
<tr>
<td>IT 3410 Fundamentals of E-Commerce</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 4998 Capstone Project†</td>
<td>3</td>
<td>IT3310 and IT2201 and IT 3101 (may be taken as pre- or co-requisite), Senior standing</td>
<td></td>
</tr>
<tr>
<td>Select SEVEN IT courses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Arts† (for specific academic subjects, see page 15)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>123</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

† The successful completion of IT 4998 with a B or better satisfies the College’s Comprehensive Examination/Thesis requirement.

‡ Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
## Concentrations

### 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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select <strong>FOUR</strong> of the following courses...</td>
<td>12</td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>BUS/PHI 2342 Business Ethics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT 1001 Introduction to Entrepreneurship</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 1001 Computer Tools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 1103 Computer-Based Information Systems</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 2410 Web Design</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 2510 Database Management Systems</td>
<td></td>
<td>IT 1103</td>
<td></td>
</tr>
<tr>
<td>IT 3101 Information Technology Law and Ethics</td>
<td></td>
<td>IT 1103</td>
<td></td>
</tr>
<tr>
<td>IT 3410 Fundamentals E-Commerce</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>MKT 3440 Internet and Social Media Marketing</td>
<td></td>
<td>MKT 2201</td>
<td>ORM 3301</td>
</tr>
<tr>
<td>ORM 3310 Production and Operations Management</td>
<td></td>
<td></td>
<td>ORM 3301</td>
</tr>
</tbody>
</table>

Total credits required: 12

### Entrepreneurship

The Entrepreneurship concentration provides an opportunity for students to focus on entrepreneurship – the process of creating value through recognizing, developing opportunities and centers on developing the students' entrepreneurial mindset.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENT 1001 Introduction to Entrepreneurship...</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT 2001 Entrepreneurship Marketing and New Product Innovation...</td>
<td>3</td>
<td>ENT 1001</td>
<td></td>
</tr>
<tr>
<td>Select <strong>ONE</strong> of the following courses...</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT 3001 Entrepreneurial Finance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN 3301 Introduction to Finance</td>
<td></td>
<td>ENT 1001</td>
<td></td>
</tr>
<tr>
<td>MKT 3316 Retail Merchandising</td>
<td></td>
<td>ACC 1001 or ACC 1101, ECO 2202 or ECO 2306, MAT 1105 or placement exam</td>
<td>MKT 2201</td>
</tr>
<tr>
<td>Select <strong>ONE</strong> of the following courses...</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT 3002 Social Entrepreneurship &amp; Sustainable New Business...</td>
<td>3</td>
<td>ENT 1001</td>
<td>Any 2000 level PHI course</td>
</tr>
<tr>
<td>BUS 3342/PHI 3342 Business Ethics</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total credits required: 12

### Finance and Risk Management

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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select <strong>FOUR</strong> of the following courses...</td>
<td>12</td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>BUS/PHI 3342 Business Ethics</td>
<td></td>
<td>FIN 3301/ECO 3331</td>
<td></td>
</tr>
<tr>
<td>FIN 3302 Managerial Finance1</td>
<td></td>
<td>FIN 3301/ECO 3331</td>
<td></td>
</tr>
<tr>
<td>FIN 3312 Investment Analysis1</td>
<td></td>
<td>FIN 3301/ECO 3331; MAT 1109</td>
<td></td>
</tr>
<tr>
<td>FIN 3334/ECO 3334 Government Finance1</td>
<td></td>
<td>FIN 3301/ECO 3331</td>
<td></td>
</tr>
<tr>
<td>FIN 3316 Personal Finance</td>
<td></td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>FIN 3317 Real Estate Finance</td>
<td></td>
<td>FIN 3301/ECO 3331</td>
<td></td>
</tr>
<tr>
<td>FIN 3340 Insurance and Risk Management</td>
<td></td>
<td>FIN 3301/ECO 3331 or FIN 3316</td>
<td>FIN 3301/ECO 3331</td>
</tr>
<tr>
<td>FIN 3420 International Finance</td>
<td></td>
<td>FIN 3301/ECO 3331</td>
<td>FIN 3301/ECO 3331</td>
</tr>
<tr>
<td>FIN 3422 Financial Institutions Management</td>
<td></td>
<td>FIN 3301/ECO 3331</td>
<td>FIN 3301/ECO 3331</td>
</tr>
<tr>
<td>FIN 4412 Portfolio Management1</td>
<td></td>
<td>FIN 3301/ECO 3331</td>
<td>MAT 1109</td>
</tr>
</tbody>
</table>

Total credits required: 12

1 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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Require(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select FOUR of the following courses</td>
<td></td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>BUS 1204 Business and Society</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 2001 Global Business</td>
<td></td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>BUS 2003 Changes in Corporate Culture</td>
<td></td>
<td>AMS-1001 or BUS 1001</td>
<td></td>
</tr>
<tr>
<td>BUS 2205 Management of a Small Business</td>
<td></td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>BUS 2260 or WRI 2250 Business Communication</td>
<td></td>
<td>WRI 1100</td>
<td></td>
</tr>
<tr>
<td>BUS 4000 Business Research</td>
<td></td>
<td>Junior or senior standing, Department chairperson approval</td>
<td></td>
</tr>
<tr>
<td>BUS 4001-4099 Special Topics in Business</td>
<td></td>
<td>Department chairperson approval</td>
<td></td>
</tr>
<tr>
<td>BUS 4990 Internship</td>
<td></td>
<td>Department chairperson approval</td>
<td></td>
</tr>
<tr>
<td>BUS 4995 Independent Study</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT 1001 Introduction to Entrepreneurship</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AnyENT, FIN, HR, MKT or ORM 2000 level of higher course</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total credits required ..................................................................................12

**Human Resources Management**

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Require(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select FOUR of the following courses</td>
<td></td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>BUS 2001 Global Business</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS 2003 Changes in Corporate Culture</td>
<td></td>
<td>AMS-1001</td>
<td></td>
</tr>
<tr>
<td>BUS 2260 or WRI 2250 Business Communication</td>
<td></td>
<td>WRI 1100</td>
<td></td>
</tr>
<tr>
<td>BUS 4001-4099 Special Topics in Business</td>
<td></td>
<td>Department chairperson approval</td>
<td></td>
</tr>
<tr>
<td>BUS 4990 Internship</td>
<td></td>
<td>Department chairperson approval</td>
<td></td>
</tr>
<tr>
<td>BUS 4995 Independent Study</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HR 2204 Human Resources Management</td>
<td></td>
<td>BUS1001</td>
<td></td>
</tr>
<tr>
<td>HR 3310 Organizational Behavior</td>
<td></td>
<td>HR2204</td>
<td></td>
</tr>
<tr>
<td>HR 3409 Industrial Relations and Collective Bargaining</td>
<td></td>
<td>HR2204</td>
<td></td>
</tr>
<tr>
<td>HR 3410 Compensation</td>
<td></td>
<td>HR2204</td>
<td></td>
</tr>
</tbody>
</table>

Total credits required ..................................................................................12

**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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Require(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select FOUR of the following courses</td>
<td></td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>BUS 2001 Global Business</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUS/PHI 3342 Business Ethics</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>ECO 3305/ICS 3305 European Economies</td>
<td></td>
<td>ECO 1201</td>
<td></td>
</tr>
<tr>
<td>ECO 4403 International Economics, Trade, and Finance</td>
<td></td>
<td>ECO 2306</td>
<td></td>
</tr>
<tr>
<td>Any ENT course</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN 3420 International Finance</td>
<td></td>
<td>ECO 3331/FIN 3301 and MAT 1109</td>
<td></td>
</tr>
<tr>
<td>ICS 1240 Peoples/Cultures of the Contemporary World I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICS 1241 Peoples/Cultures of the Contemporary World II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 3410 Fundamental of E-Commerce</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>MKT 3330 International Marketing</td>
<td></td>
<td>MKT 2201</td>
<td></td>
</tr>
<tr>
<td>MKT 3370 Travel and Tourism Marketing</td>
<td></td>
<td>MKT 2201</td>
<td></td>
</tr>
</tbody>
</table>

Total credits required ..................................................................................12
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 digital marketing/e-commerce.

Select **FOUR** of the following courses ..................................................12

- BUS/PHI 3342 Business Ethics .................................................................
- MKT 2203 Introduction to Travel and Tourism ........................................
- MKT 3304 Marketing Management ...........................................................
- MKT 3307 Advertising and Sales Promotion ............................................
- MKT 3309 The Sales Function ...................................................................
- MKT 3315 Public Relations ....................................................................... 
- MKT 3316 Merchandising .........................................................................
- MKT 3330 International Marketing ...........................................................
- MKT 3340 Direct Marketing .....................................................................
- MKT 3370 Travel and Tourism Marketing .............................................. 
- MKT 3440 Internet Marketing ...................................................................

Total credits required ..................................................................................12

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

Select **FOUR** of the following courses ..................................................12

- BUS 4001-4099 Special Topics in Business .............................................
- BUS 4990 Internship ................................................................................
- BUS 4995 Independent Study ...................................................................
- IT 1103 Computer-Based Information Systems ......................................
- MAT 1109 Mathematics for Managerial Science I ..................................
- ORM 3301 Project Management .................................................................
- ORM 3308 Quantitative Methods in Business I ........................................
- ORM 3311 Quantitative Methods in Business II ........................................ 
- ORM 3309 Business Forecasting ..............................................................
- ORM 3310 Production and Operations Management ..............................

Total credits required ..................................................................................12

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

Select **FOUR** of the following courses ..................................................12

- BUS 2001 Global Business ......................................................................
- BUS 2205 Management of a Small Business ...........................................
- BUS 2260 or WRI 2250 Business Communication .....................................
- BUS 4001-4099 Special Topics in Business .............................................
- BUS 4990 Internship ................................................................................
- BUS 4995 Independent Study ...................................................................
- ENT 1001 Introduction to Entrepreneurship ...........................................
- HR 3310 Organizational Behavior ..............................................................
- MKT 2104 Travel Geography ....................................................................
- MKT 2203 Introduction to Travel and Tourism .........................................

Total credits required ..................................................................................12
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. At least three of the courses in a minor must be taken as elective requirements outside of the major requirements.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 1001 Organization and Management</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT 1001 Intro to Entrepreneurship</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FIN 3301 Principles of Finance</td>
<td>3</td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>HR 2204 Human Resource Management</td>
<td>3</td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>MKT 2201 Marketing</td>
<td>3</td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 1103 Computer-Based Information Systems</td>
<td>3</td>
<td>IT 1001 (may be taken as pre- or co-requisite)</td>
<td>IT 1001</td>
</tr>
<tr>
<td>IT 1104 Programming I</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 1106 Intro to App Development</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 2410 Web Design</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 3310 Project Management</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 3410 Fundamentals of E-Commerce</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select TWO IT courses 2000 or higher</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Minor in Entrepreneurship

The Minor in Entrepreneurship provides an opportunity for students to learn about entrepreneurship – the process of creating value through recognizing and developing opportunities. The Entrepreneurship Minor focuses on developing the students' entrepreneurial mindset and complements the student’s major area of study by offering a means of putting theory and science into practice. The entrepreneurial mindset includes initiative, flexibility, creativity, innovation, critical thinking and problem solving. The entrepreneurial mindset provides a competitive advantage in every possible career-pathway.

Entrepreneurship plays a crucial role in the U.S. economy and is a key driver of individual wealth, gross domestic product output, and job creation.

A student seeking a minor in entrepreneurship must successfully complete 15 credits in courses approved for use in the entrepreneurial studies program. Our program is open to enrolled students of any major. Our courses provide students with opportunities for direct interaction with industry leaders, successful entrepreneurs, and expert practitioners. At least three of the courses in a minor must be taken as elective requirements outside of the major requirements.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENT 1001 Introduction to Entrepreneurship</td>
<td>3</td>
<td>ENT 1001</td>
<td></td>
</tr>
<tr>
<td>ENT 2001 Entrepreneurship Marketing &amp; New Product Innovation</td>
<td>3</td>
<td>ACC 1001 or ACC 1101, ECO 2202 or ECO 2306, MAT 1105 or placement exam</td>
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</tr>
<tr>
<td>Select ONE of the following courses</td>
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<td></td>
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</tr>
<tr>
<td>ENT 3001 Entrepreneurial Finance</td>
<td></td>
<td>ACC 1001</td>
<td></td>
</tr>
<tr>
<td>FIN 3301/ECO 3331 Principles of Finance</td>
<td></td>
<td>ENT 1001</td>
<td></td>
</tr>
<tr>
<td>MKT 3316 Merchandising</td>
<td></td>
<td>MKT 2201</td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td>ENT 1001</td>
<td></td>
</tr>
<tr>
<td>ENT 3002 Social Entrepreneurship &amp; Sustainable New Businesses</td>
<td>3</td>
<td>Any 2000 level PHI course</td>
<td></td>
</tr>
<tr>
<td>BUS/PHI3342 Business Ethics</td>
<td></td>
<td>HC 1001</td>
<td></td>
</tr>
<tr>
<td>HC 2003 Decision-Making in Health Fld</td>
<td></td>
<td>HC 1001 with a grade of C or higher (for Healthcare Management Students ONLY)</td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td>ENT 1001</td>
<td></td>
</tr>
<tr>
<td>ENT 3003 Using Technology in Entrepreneurship</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 1102 Multimedia Design/Technologies</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 1106 Intro to App Development</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 2410 Web Design</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 3310 Project Management</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 3410 Fundamentals of E-Commerce</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td></td>
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</tr>
</tbody>
</table>

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. At least three of the courses in a minor must be taken as elective requirements outside of the major requirements.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 1001 Computer Tools</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IT 1103 Computer-Based Information Systems</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 1104 Programming I</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>Select TWO IT courses 2000 or higher</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td></td>
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</tr>
</tbody>
</table>
Minor in Interactive Multimedia

Interactive multimedia plays a leading role in almost any industry in today’s competitive marketplace. Many industries utilize web and media design professionals to create and deliver digital and web-enabled content. Our students will complete this program with the competencies to apply their knowledge to areas such as: advertising, marketing, government, retail and entertainment, project management and entrepreneurship.

The demand for individuals who can create and integrate dynamic content for interactive multimedia such as websites, mobile phones, tablets and other technology is expected to grow through 2020.

The courses proposed for the Interactive Multimedia minor has a significant hands-on component to learning and emphasizes concepts that can be related to any sector encouraging creativity and teamwork in our students. At least three of the courses in a minor must be taken as elective requirements outside of the major requirements.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 1102 Multimedia Design ................................</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 2410 Web Design ......................................</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>Select THREE of the following courses ..............</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>IT 1106 Introduction to App Development for Mobile Devices</td>
<td></td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 2440 Scripting Languages ................................</td>
<td></td>
<td>IT 2410</td>
<td></td>
</tr>
<tr>
<td>IT 2445 Digital Video ....................................</td>
<td></td>
<td>IT 1102</td>
<td></td>
</tr>
<tr>
<td>IT 2450 Digital Imaging ..................................</td>
<td></td>
<td>IT 1102</td>
<td></td>
</tr>
<tr>
<td>IT 3400 HTML and CSS for Web Design ..................</td>
<td></td>
<td>IT 2410</td>
<td></td>
</tr>
<tr>
<td>Total credits required ....................................</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Minor in Project Management

Businesses of all sizes rely on the expertise of project teams to accomplish their goals. Entrepreneurial enterprises as well as complex global business in all industries depend on the successful completion of their projects in order to develop new products, grow market share and improve shareholder value.

Project management is all about planning, organizing, and achieving specific goals on time and on budget. Be part of a fast-paced, achievement oriented profession that puts you on the ground floor of new and innovative projects. At least three of the courses in a minor must be taken as elective requirements outside of the major requirements.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IT 1001 Computer Tools ..................................</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>IT 3301 Fundamentals of Project Management ..........</td>
<td>3</td>
<td>IT 1001</td>
<td></td>
</tr>
<tr>
<td>PM 4010/6010 Project Risk Management ...............</td>
<td>3</td>
<td>IT 3301</td>
<td></td>
</tr>
<tr>
<td>PM 4020/6020 Finance for Project Managers ...........</td>
<td>3</td>
<td>IT 3301</td>
<td></td>
</tr>
<tr>
<td>PM 4050/6050 Optimizing Project Management Teams ...</td>
<td>3</td>
<td>IT 3301</td>
<td></td>
</tr>
<tr>
<td>Total credits required ....................................</td>
<td>15</td>
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<td></td>
</tr>
</tbody>
</table>

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. At least three of the courses in a minor must be taken as elective requirements outside of the major requirements.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPM 1001 Introduction to Sport Management ..........</td>
<td>3</td>
<td></td>
<td>SPM 1001</td>
</tr>
<tr>
<td>BUS 1001 Organization and Management ...............</td>
<td>3</td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>SPM 2070 Organization Theory in Sport Management ...</td>
<td>3</td>
<td>SPM 2001</td>
<td></td>
</tr>
<tr>
<td>Select TWO of the following courses .................</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENT 1001 Intro to Entrepreneurship ...................</td>
<td></td>
<td>BUS 1001</td>
<td></td>
</tr>
<tr>
<td>MKT 2201 Marketing .....................................</td>
<td></td>
<td>SPM 1001</td>
<td></td>
</tr>
<tr>
<td>SPM 2050 Facilities and Event Management ...........</td>
<td></td>
<td>SPM 1001</td>
<td></td>
</tr>
<tr>
<td>SPM 2070 Organizational Theory in Sports Management</td>
<td></td>
<td>SPM 1001</td>
<td></td>
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<tr>
<td>SPM 2080 Sports and the Law ...........................</td>
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<td>SPM 1001</td>
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</tr>
<tr>
<td>SPM Elective .............................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Or any TWO courses from subjects BUS, ENT, FIN, HR, MKT, ORM or PM (2000 level or higher)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Total credits required ....................................</td>
<td>15</td>
<td></td>
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</tr>
</tbody>
</table>
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.

Masters of Science in Management

The Master of Science (MS) in Management will be an accelerated 33-credit, stand-alone, graduate degree program designed for working professionals, combining traditional campus-based classes in the evening with supplemental online and out-of-classroom activities, and delivered on a part-time or full-time basis. This year-round program will operate in the fall, spring and summer semesters, using 8-week terms during the fall and spring semesters and 6-week terms during the summer semesters.

The MS in Management program will offer a 21-credit core and two 12-credit concentrations:
- Health Care Management
- Business Management

MS, Management – Business Management

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 6601 Accounting for Managers</td>
<td>3</td>
<td></td>
<td>ACC 6601</td>
</tr>
<tr>
<td>FIN 6001 Corporate Finance</td>
<td>3</td>
<td>ACC 6601</td>
<td></td>
</tr>
<tr>
<td>IT 6001 Information Systems for Managers</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT 6001 Organization and Strategy</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT 6002 Special Topics in Organizational Management</td>
<td>3</td>
<td>MGT 6001</td>
<td></td>
</tr>
<tr>
<td>MGT 6003 Organizational Development and Change Management</td>
<td>3</td>
<td>MGT 6001</td>
<td></td>
</tr>
<tr>
<td>MGT 6998 Capstone</td>
<td>3</td>
<td>24 Graduate Level credits</td>
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</tr>
<tr>
<td>MKT 6001 Marketing for Managers</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ORM 6001 Business Analytics for Managers</td>
<td>3</td>
<td>MGT 6001</td>
<td></td>
</tr>
<tr>
<td>PM 6000 Fundamentals of Project Management</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>PM 6030 Optimizing Project Management Teams</td>
<td>3</td>
<td>PM 6000</td>
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MS, Management – Health Care Management

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 6601 Accounting for Managers</td>
<td>3</td>
<td>ACC 6601</td>
<td></td>
</tr>
<tr>
<td>FIN 6001 Corporate Finance</td>
<td>3</td>
<td>ACC 6601</td>
<td></td>
</tr>
<tr>
<td>IT 6001 Information Systems for Managers</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT 6001 Organization and Strategy</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MGT 6998 Capstone</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MKT 6001 Marketing for Managers</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ORM 6001 Business Analytics for Managers</td>
<td>3</td>
<td>MGT 6001</td>
<td></td>
</tr>
<tr>
<td>HC 6001 U.S. Health Care Delivery and Markets</td>
<td>3</td>
<td>ACC 6001, FIN 6001</td>
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</tr>
<tr>
<td>HC 6002 Leadership and Innovation in Health Care</td>
<td>3</td>
<td>HC 6001</td>
<td></td>
</tr>
<tr>
<td>HC 6003 Health Care Finance and Reimbursement</td>
<td>3</td>
<td>ACC 6001, FIN 6001</td>
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<tr>
<td>HC 6004 Special Topics in Health Care</td>
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<tr>
<td>Total credits required</td>
<td>33</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Mathematics

Office: Room 4314
Phone: 718.489.5396

Chairperson
Dr. Fotios Paliogiannis

Professor
Paliogiannis

Associate Professor
Shochat

Lecturer
Bam

Professor Emeritus
Andres

Instructor
DiClementi

Adjuncts
Ahmed
Hajra
Hayasaka
Mangano
Milanovic
Norasteh
Obiang
Saint-Jean
Salts
Seaton
Thelusma
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, 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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>First year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Select EITHER Group A or Group B below¹</td>
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<td></td>
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</tr>
<tr>
<td>Group A—Select TWO foreign language courses</td>
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<tr>
<td>Group B—Select TWO IT courses in sequence</td>
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<td></td>
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</tr>
<tr>
<td>MAT 2202 Calculus I</td>
<td>4</td>
<td>MAT 1107 or placement exam</td>
<td></td>
</tr>
<tr>
<td>MAT 2203 Calculus II</td>
<td>4</td>
<td>MAT 2202</td>
<td></td>
</tr>
<tr>
<td>MAT 3304 Calculus III</td>
<td>4</td>
<td>MAT 2203</td>
<td></td>
</tr>
<tr>
<td>MAT 3312 Linear Algebra</td>
<td>4</td>
<td>MAT 2203</td>
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<tr>
<td>MAT 3401 Differential Equations I</td>
<td>3</td>
<td>MAT 2203</td>
<td></td>
</tr>
<tr>
<td>MAT 4403 Advanced Calculus I</td>
<td>4</td>
<td>MAT 3304</td>
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<tr>
<td>MAT 4404 Advanced Calculus II</td>
<td>4</td>
<td>MAT 3401</td>
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<tr>
<td>MAT 4409 Modern Algebra</td>
<td>3</td>
<td>MAT 3304</td>
<td></td>
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<tr>
<td>MAT 4415 Probability Theory</td>
<td>3</td>
<td>MAT 3304</td>
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</tr>
<tr>
<td>Select TWO MAT 2000-4000 level MAT courses</td>
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<tr>
<td>MAT 4418 Senior Seminar²</td>
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<tr>
<td>PHY 2001 General Physics I</td>
<td>4</td>
<td>MATH 2202</td>
<td>PHY 2001L</td>
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<td>PHY 2001R</td>
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<tr>
<td>General electives</td>
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<tr>
<td>Total credits required</td>
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</tr>
</tbody>
</table>

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

²The successful presentation and completion of a set of comprehensive problems during the senior mathematics seminar (MAT 4418) to be administered in the senior year is a graduation requirement for a baccalaureate degree in Mathematics. This seminar and examination satisfies the College’s Comprehensive Examination.

### 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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 2202 Calculus I</td>
<td>4</td>
<td>MAT 1107 or placement exam</td>
<td></td>
</tr>
<tr>
<td>MAT 2203 Calculus II</td>
<td>4</td>
<td>MAT 2202</td>
<td></td>
</tr>
<tr>
<td>MAT 3304 Calculus III</td>
<td>4</td>
<td>MAT 2203</td>
<td></td>
</tr>
<tr>
<td>MAT 3312 Linear Algebra</td>
<td>4</td>
<td>MAT 2203</td>
<td></td>
</tr>
<tr>
<td>Select TWO of the following courses</td>
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</tr>
<tr>
<td>MAT 2309 College Geometry</td>
<td></td>
<td>MAT 1107</td>
<td></td>
</tr>
<tr>
<td>MAT 3401 Differential Equations I</td>
<td></td>
<td>MAT 2203</td>
<td></td>
</tr>
<tr>
<td>MAT 3406 Theory of Numbers</td>
<td></td>
<td>MAT 2202</td>
<td></td>
</tr>
<tr>
<td>MAT 4403 Advanced Calculus I</td>
<td></td>
<td>MAT 3304</td>
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</tr>
<tr>
<td>MAT 4408 Numerical Analysis</td>
<td></td>
<td>MAT 3304 or MAT 3401</td>
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<tr>
<td>MAT 4409 Modern Algebra</td>
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<td>MAT 3304</td>
<td></td>
</tr>
<tr>
<td>MAT 4413 Advanced Linear Algebra</td>
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<td>MAT 3312</td>
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<tr>
<td>MAT 4415 Probability Theory</td>
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<tr>
<td>Total credits required</td>
<td>22</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Nursing

Office: Room 4311
Phone: 718.489.5497

Chairperson
Dr. Eleanor Kehoe

Associate Professors
Bove
D’Autuono
Kehoe
Press
Sweeny

Adjunct Professors
Agoncillo
Akinduvi
Beckford
Bramble
Brooks
Caffrey
Etienne
Gilkes
Habeeb
Heyward
Jackson
John
Kasler
Kontzamanis
Hamm
Lama
Manning
Martin
McIntosh
Mikos
Noicely
Pierre
Straker
Thomas
Williams
Witty

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 preprofessional 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.

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 (AACN).

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 department of Nursing now offers two degree programs:
- A flexible RN to BS program created specifically for working nurses. This program is open only to qualified transfer students with a valid New York State R.N. license.
- A four-year, full-time undergraduate program that prepares students to sit for the NCLEX Exam (Pre-Licensure nursing program).

**RN to BS Program (BS-NUR)**

This program offers a Bachelor of Science degree with a major in nursing to registered nurse candidates who complete the requirements listed. 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 taken during the summer sessions. The program must be completed within a five-year period.

Once a student is accepted into the program, his or her transcripts will be evaluated for transfer credits. A total of up to 92 credits completed with grades of C or higher may be transferred, including up to 25 pre-licensure credits in nursing. Graduates of foreign nursing schools who have received certification from the Commission on Graduates of Foreign Nursing Schools (CGFNS) will be awarded 25 credits in nursing upon submission of the CGFNS certificate. All students must complete a minimum of 30 credits in residence at St. Francis College.

Students are encouraged to consult the Department of Nursing Student Handbook for further information.

**Courses to BS Program (BS-NUR)**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
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<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>▶ ITML - Take IT 1001 Computer Tools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>▶ FH - Take HS 1001 Health Issues</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>▶ NPW - Take CHE 1101 Chemistry and Life I (4 cr)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>▶ SEH - Take PSY 1100 General Psychology</td>
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<tr>
<td>*Choices made in consultation with Nursing Dept. Academic Advisor</td>
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<td></td>
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</tr>
<tr>
<td>Nursing credits transferred</td>
<td>25</td>
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</tr>
<tr>
<td>NUR 3001 Nursing Informatics</td>
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</tr>
<tr>
<td>NUR 3311 Geriatric Nursing</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 3321 Physical Assessment</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 3322 Nursing Issues</td>
<td>3</td>
<td></td>
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<tr>
<td>NUR 336 Nursing Pathophysiology</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>NUR 3423 Nursing Leadership and Management</td>
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<td></td>
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<tr>
<td>NUR 3501 Nursing Seminar I</td>
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<tr>
<td>NUR 4323 Professional Nursing Bridge (Clinical)</td>
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<td>BIO 1140, BIO 1141 and CHE 1101</td>
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<td>NUR 4324 Professional Nursing Bridge (Lecture)</td>
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<td>NUR 3221, NUR 3222</td>
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<tr>
<td>NUR 4421 Community/Public Health (Clinical)</td>
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<td>NUR 3223</td>
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<td>NUR 4422 Community/Public Health (Lecture)</td>
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<td>COM 1000, NUR 4422</td>
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<tr>
<td>NUR 4444 End of Life Care</td>
<td>3</td>
<td>NUR 4324, NUR 4421, NUR 4323</td>
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<tr>
<td>NUR 4502 Nursing Seminar II</td>
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<td>WRI 1500, MAT 2301</td>
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<tr>
<td>NUR 4600 Nursing Research</td>
<td>3</td>
<td>BIO 1140</td>
<td></td>
</tr>
<tr>
<td>BIO 1140 Anatomy and Physiology for Health Science I</td>
<td>4</td>
<td>BIO 1141</td>
<td></td>
</tr>
<tr>
<td>BIO 1141 Anatomy and Physiology for Health Science II</td>
<td>4</td>
<td>BIO 1140</td>
<td></td>
</tr>
<tr>
<td>BIO 3300 Microbiology for Health-Related Sciences</td>
<td>4</td>
<td>BIO 1202, BIO 1141</td>
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</tr>
<tr>
<td>BIO 4450 Pharmacology</td>
<td>3</td>
<td>MAT 1104 or higher</td>
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</tr>
<tr>
<td>MAT 2301 Statistics</td>
<td>3</td>
<td>WRI 1100</td>
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</tr>
<tr>
<td>WRI 1500 Advanced Composition</td>
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<tr>
<td>Liberal Arts* (for specific academic subjects, see page 15)</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>133</td>
<td></td>
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</tr>
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</table>

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

* Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
Traditional BS Program (BS-RN)

The traditional BS program offers a Bachelor of Science degree with a major in nursing to qualified high school graduates and transfer students interested in preparing for the NCLEX Exam. This pre-licensure nursing program is open to applicants with good moral character and demonstrated academic ability who are interested in full-time study.

In addition to the nursing curriculum, students gain valuable knowledge and skills in liberal arts and sciences through courses focused on mathematics, natural sciences, social sciences, writing, and oral communication.

Admission decisions are based on a comprehensive evaluation of an applicant’s previous academic work, recommendations, and relevant information about personal and professional experience. Decisions are made on a competitive basis; meeting minimum admission criteria does not guarantee admission.

Applicants are expected to meet the following criteria:

- Eligibility for a Registered Nurse license in New York State.
- A completed application for admission (available in the Nursing department office).
- Three reference letters submitted on letterhead from teachers, advisors, or employers who have known the applicant for at least six months.
- A minimum cumulative grade point average of 3.0.
- A minimum grade of B in all science and math courses.
- Minimum SAT score of 1000 (old SAT) or 1050 (new SAT), ACT score of 22, or TEAS score of 75%.
- An interview to discuss the applicant’s goals and experience.

Once a student is accepted into the traditional BS program, an annual physical exam, background check, and drug test are required for placement in clinical coursework.

Failure to achieve a C in a nursing course may interrupt progression if that course is a prerequisite to a subsequent nursing course. A student who fails to achieve a C in a clinical nursing course may not progress in the nursing sequence. He or she must repeat the nursing course the next time it is offered.

A student is eligible to repeat only one nursing course during the entire program. The possibility of repeating a second nursing course may be evaluated on an individual basis. The student must achieve at least a B when a nursing course is repeated. Failure of a concurrent or subsequent nursing course will result in academic dismissal.

For planning purposes, students are encouraged to seek advisement in the Nursing department prior to applying for admission.
## Traditional BS Program (BS-RN)

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program <em>(see page 15)</em> .....................................</td>
<td>50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College ..........................................................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➤ QR - Take MAT 1105 College Algebra ............................................</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>➤ FH - Take HS 1001 Health Issues ................................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➤ RS - Take REL 1101 Survey of World Religions ................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge .......................................................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➤ NPW - Take BIO 1140 Anatomy and Physiology I (4 crs) .....................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➤ NPW - Take BIO 1141 Anatomy and Physiology II (4 crs) ....................</td>
<td></td>
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</tr>
<tr>
<td>➤ SEH - Take PSY 1108 Life-Span Development ..................................</td>
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</tr>
<tr>
<td>BIO 3300 Microbiology ....................................................................</td>
<td>4</td>
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<tr>
<td>BIO 4450 Pharmacology ....................................................................</td>
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<tr>
<td>CHE 1101 Chemistry and Life I .....................................................</td>
<td>4</td>
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<td>CHE 1101</td>
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<tr>
<td>MAT 2301 Statistics .....................................................................</td>
<td>3</td>
<td></td>
<td>MAT 1101 or higher</td>
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<tr>
<td>NUR 2221 Nursing Therapeutic Skills ...........................................</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 3001 Nursing Informatics .......................................................</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>NUR 3311 Geriatric Nursing ................................................................</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 3322 Nursing Issues ..................................................................</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 3323 Physical Assessment ......................................................</td>
<td>4</td>
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<td>BIO 1140, 1141</td>
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<tr>
<td>NUR 3334 Nursing Care of the Adult Lecture ....................................</td>
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</tr>
<tr>
<td>NUR 3335 Nursing Care of the Adult Clinical ...................................</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>NUR 3336 Nursing Pathophysiology ................................................</td>
<td>3</td>
<td></td>
<td>BIO 1140, 1141, CHE 1101</td>
</tr>
<tr>
<td>NUR 3423 Nursing Leadership and Management ....................................</td>
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<td></td>
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<tr>
<td>NUR 3501 Nursing Seminar I ................................................................</td>
<td>1</td>
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<tr>
<td>NUR 4423 Community/Public Health (Clinical) ....................................</td>
<td>4</td>
<td>NUR 4447, 4448, 4449</td>
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<tr>
<td>NUR 4424 Community/Public Health (Lecture) ....................................</td>
<td>3</td>
<td>NUR 4447, 4448, 4449</td>
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</tr>
<tr>
<td>NUR 4440 Medical-Surgical Nursing Critical Care Lecture ....................</td>
<td>4</td>
<td>NUR 4423, 4424, 4449</td>
<td></td>
</tr>
<tr>
<td>NUR 4444 End of Life Care ................................................................</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 4446 Psychiatric Nursing Lecture and Clinical ................................</td>
<td>5</td>
<td>NUR 3334, 3335, 3336</td>
<td></td>
</tr>
<tr>
<td>NUR 4447 Nursing Care of the Child and Family Clinical .....................</td>
<td>3</td>
<td>NUR 3334, 3335, 3336</td>
<td></td>
</tr>
<tr>
<td>NUR 4448 Nursing Care of the Child and Family Lecture ......................</td>
<td>4</td>
<td>NUR 3334, 3335, 3336</td>
<td></td>
</tr>
<tr>
<td>NUR 4449 Medical-Surgical Nursing Critical Care Clinical ...................</td>
<td>4</td>
<td>NUR 4423, 4424, 4449</td>
<td></td>
</tr>
<tr>
<td>NUR 4502 Nursing Seminar II ..........................................................</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NUR 4600 Nursing Research ............................................................</td>
<td>3</td>
<td></td>
<td>MAT 2301</td>
</tr>
<tr>
<td>Total credits required .....................................................................</td>
<td>133</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Philosophy and Religious Studies

Office: Room 6009
Phone: 718.489.5235

Chairperson
Dr. John Edwards

Associate Professor
Edwards

Assistant Professors
Falkenstern
Labendz
Shoppa

Professors Emeriti
Berman
Galgan
Pedersen
Udoff

Adjuncts
Alvaro
Delescu
Egler
Freeman
Garrera-Tobert
Johansson
Jove
LaForge
Marino
Mixon
Norris
Sparks
Warden

Mission of the Philosophy Major
Students receive a solid foundation for graduate study in philosophy and for training in any field that demands developed analytical and critical skills such as law, health care, journalism, and business. Philosophy offers students the instruments, methods, and sources needed to develop their intellectual lives and to promote human transformation. Only insofar as students achieve this has the College succeeded in its goal as a liberal arts college, namely, to form minds capable of responsible self-determination.

Goals and Objectives
- To promote in students an understanding of the nature, purpose, and importance of the philosophical enterprise by inviting them to engage in it personally, by raising and working to answer philosophical questions of their own.
- To respect reason as a definitive human characteristic and the truth as its primary pursuit. Students will sharpen their abilities to think critically, to consider issues from multiple perspectives and in depth, and to relate parts to wholes. The program emphasizes the value of critical thinking as the best way to distinguish what is worth doing and what is not.
- To address some of the major philosophical questions, which are none other than the fundamental questions confronting human beings as such, through a historical study of the views of philosophers from antiquity to today. Learning how to read a primary text from the history of philosophy, and to derive nourishment from it, constitutes an essential goal of the program.

Mission of the Religious Studies Major
Religious Studies trains students to critically examine the data of religious beliefs and practices in order to understand how humans establish values, maintain social orders, and cope with metaphysical anxieties.

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 religious thought 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 critical engagement with the data of religion 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

Students receive a solid foundation for graduate study in philosophy and for training in any field that demands developed analytical and critical skills such as law, health care, journalism, or business. The Philosophy major stresses the history of philosophy and practical applications. It also respects the diversity of students’ interests and goals by allowing them the flexibility to tailor their own program by selecting courses that interest them and that complement their minor and programs such as those in Psychology, Education, English, Women’s and Gender Studies, or Communication Arts. The 123 credits, with 30 of them counting toward the Philosophy degree, are to be distributed in the following manner:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PEM - Take a 1000 Level PHI course</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PEM - Take a 2000 Level PHI course</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select <strong>TWO</strong> foreign language courses in sequence</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 1101 Survey of Western Civilization (to 1500)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIS 1102 Survey of Western Civilization (since 1500)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select <strong>ONE</strong> additional Mathematics course</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHI 2431 Greek Philosophy</td>
<td>3</td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2441 Early Modern Philosophy</td>
<td>3</td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3318 19th Century Philosophy</td>
<td>3</td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>Select <strong>ONE</strong> of the following courses</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHI 2403 The Good Life</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3404 Political Philosophy</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>Select <strong>ONE</strong> of the following courses</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHI 3333 Philosophical Theology</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3432 Medieval Philosophy</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>Select <strong>FIVE</strong> 2000 or higher level PHI courses</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Arts† (for specific academic subjects, see page 15)</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General electives</td>
<td>24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>123</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

† Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.

* 2000-level PHI courses have a PHI 1000-level pre-requisite.

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.
# Program Requirements

## Major in Religious Studies

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Prerequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (<a href="#">see page 15</a>)</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td>RS - Take REL 1101 Survey of World Religions</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select TWO foreign language courses in sequence¹</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 1301 Introduction to the Hebrew Bible</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 1302 Introduction to the New Testament</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select TWO of the following courses</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 1201 The Christian Tradition</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 1202 Judaism</td>
<td></td>
<td></td>
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<tr>
<td>REL 1203 Islam</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>REL 1206 Buddhism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 3701 Approaches to the Study of Religion</td>
<td>3</td>
<td>Any 1000- or 2000-level REL course.</td>
<td></td>
</tr>
<tr>
<td>REL 4991 Independent Study: Thesis Direction</td>
<td>3</td>
<td>Senior standing</td>
<td>Chairperson’s approval</td>
</tr>
<tr>
<td>Select SIX REL courses</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select SIX HIS, ICS, PSC, PSY, or SOC courses, any combination relevant to student’s concentration</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General electives</td>
<td></td>
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</tr>
<tr>
<td>Total credits required</td>
<td>123</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹Student must elect 6 credits or demonstrate the equivalent ability in one language.
Minor in Philosophy

This flexible minor allows students to tailor their own program by selecting courses that interest them and that complement their major. Combining theory with practical application, students personally engage with fundamental questions facing human beings, as they read historical and contemporary texts addressing these issues. The analytical and critical thinking and writing skills gained through philosophy will serve you well in any career or area of graduate study, including those in health care, law, the sciences, business, psychology, English, education, and communications. The 15 credits are to be distributed in the following manner.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select TWO of the following courses</td>
<td>6</td>
<td></td>
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<tr>
<td>PHI 2201 Human Nature</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2203 Theories of Knowledge</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2204 Utilitarianism</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2205 Happiness and Pleasure</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2210 Descartes</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2211 Existentialism</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2212 Latin American Philosophy</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2310 American Philosophy</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2316 Art and Aesthetics</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2341 Authority and Law</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2342 Business Ethics</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2344 Philosophy and the Natural World</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2403 The Good Life</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2431 Ancient Greek Philosophy</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2441 Early Modern Philosophy</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 2502 Medical Ethics</td>
<td></td>
<td>Any 1000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>Select THREE of the following courses</td>
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</tr>
<tr>
<td>PHI 3312 Gender and Philosophy</td>
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<td>Any 2000-level PHI course</td>
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</tr>
<tr>
<td>PHI 3315 Meaning of History</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3317 Renaissance Philosophy</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3318 19th Century Philosophy</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3319 Philosophy and Literature</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3326 Philosophy of Science</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3327 Theory of Being</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
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<tr>
<td>PHI 3333 Philosophical Theology</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3343 Philosophy of Sport</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3404 Political Philosophy</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3432 Medieval Philosophy</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 3442 Twentieth-Century Philosophy</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 4000-4199 Special Topics in Philosophy</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>PHI 4995 Independent Study</td>
<td></td>
<td>Any 2000-level PHI course</td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>15</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Minor in Religious Studies

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL 1101 Survey of the World's Religions</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 1301 Introduction to the Hebrew Bible</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>REL 1302 Introduction to the New Testament</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select FOUR REL courses</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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 medical centers in New York.

Further specific information is available as listed below:

<table>
<thead>
<tr>
<th>Program</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Podiatry</td>
<td>40</td>
</tr>
<tr>
<td>Radiologic Sciences</td>
<td>41</td>
</tr>
</tbody>
</table>

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 ENG 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
- MAT-2301 Statistics
- 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 3300 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.

It is recommended for students who are interested in a career in the medical field and planning to take the MCAT exam to take PSY 1100 General Psychology and HS 1501 Introduction to Public Health.

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.

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.
The Bachelor of Science in Professional Studies is a degree completion program designed especially for adult 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 a St. Francis College bachelor's degree.

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. Included in the Professional Studies program is a sequence that fulfills the general education requirement in traditional majors.

In the interest of achieving an additional dimension of educational depth the students in this Program may opt for a Minor from amongst the Minors offered by various departments and complete the requirements as per catalogue description. A maximum of two minor concentrations can be noted on student transcripts as a way of recognizing that they have, in addition to the required major program, also concentrated on one or more additional areas.

Since adults obtain knowledge in many different ways including traditional college classes, online courses, work experience, and community activities 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 the perspective of a liberal education.
- To provide an excellent preparation for career enhancement and/or graduate education.

**Program Requirements**

Department approval is required to declare the Professional Studies major. Each Major must complete a minimum of 30 Institutional Credits even if they have 98 transfer credits (the maximum number permissible).

Professional Studies students have the option of designing their own individualized undergraduate degree programs in consultation with their academic advisor.

To earn a Bachelor of Science in Professional Studies students are required to complete a minimum of 124 credits, broken down as follows:

**Major in Professional Studies**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program</td>
<td>33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>★ ITML - Take IT 1001 Computer Tools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Choices made in consultation with Prof Studies Dept. Academic Advisor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Arts electives¹ (for specific academic subjects, see page 15)</td>
<td>33**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General electives</td>
<td>58**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total credits required</td>
<td>124**</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Note: a maximum of 21 credits may be taken in one subject.  
**Note: a minimum of 60 credits must be in the liberal arts.

¹Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
Psychology

Office: Room 7012
Phone: 718.489.5415

Chairperson
Dr. Kristy Biolsi

Professors
Anolik
Goodstein
Hirsch
Lancaster

Associate Professors
Biolsi
Cohen
Kim
Wilson

Assistant Professors
Egan
Kaplan

Professor Emeritus
Gielen

Adjuncts
Alicia
Bourgeois
Cama
DeSilva
Dietz
Faratto
Lewis
Michalski
Mora
Murillo
Petrosino
Robles
Sulicki
Watson
Vallejo
Vetere

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 values are implemented with sensitivity to and appreciation of intellectual and cultural diversity. The Psychology Department is committed to furthering our understanding of the mind and behavior by the methods of science, and applying the science of psychology to promote human welfare. The Department offers programs combining methodological and theoretical courses with fieldwork that focuses on the development of research and 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. Alongside the study of the science of psychology, the psychology major offers 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, historical foundation, scientific methodology, interpersonal skills and ethics
● Prepare majors who will enter careers in human services, business, education and other applied fields to be competent, and 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, Emily Horowitz, Sunghun Kim and Jennifer Lancaster. 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.

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 18 scientific books, more than 75 articles and a DVD on International Psychology. 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, women’s lives in various countries, internationalizing the teaching of psychology, 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.

More detailed information about the Institute may be found at http://www.sfc.edu/pinniped

SABL: The Self-Awareness and Bonding Lab

The Self-Awareness and Bonding Lab was founded in Fall 2014 by Dr. Marisa T. Cohen and Dr. Karen Wilson. The research conducted in this lab centers on the subfields of relationship science and social psychology, and specifically focuses on romantic relationships and self-awareness.

Self-awareness involves the ability to gain a deeper understanding and increased level of consciousness about the self and its components. Research examines the development of the sense of self in adolescents and adults, as well how this introspective ability leads to the formation of social bonds and relationships with others. These social relationships are studied as they impact the resulting social growth and development of the individual.

Other lines of research focus on the development of relationships throughout the life span. Research includes, but is not limited to, factors influencing mate choice, fidelity, and peoples’ perceptions of what makes relationships survive and thrive.

For more information about the lab, please visit: www.sfc.edu/sabl.

C-SPEC: The Center for the Study of Pinniped Ecology and Cognition

The Center for the Study of Pinniped Ecology and Cognition (C-SPEC) investigates the habitat and behavior of pinnipeds (seals, sea lions and walrus). While there are a broad range of topics that we are interested in, the Center primarily focuses on two main lines of scientific inquiry – one line involves questions of cognition (i.e., reasoning and problem solving) in sea lions, and the other involves wild seal behavior and demographics in natural and urban ecosystems.

C-SPEC seeks to educate, engage, and serve researchers, students, and the local community on aspects such as human- animal interactions, pinniped communication, habitat conservation, and ecotourism. We are committed to engaging in science education and collaborative projects that foster intellectual growth and providing opportunities for students to participate in rigorous research. The Center is interdisciplinary and collaborative in its approach, seeking to engage with experts and laymen alike at the intersection of psychology and biology.

We offer student research assistanceships and internships. Please visit http://www.sfc.edu/pinniped

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 Repeated Courses

Psychology majors may only repeat each course in the research sequence a maximum of 3 times (PSY 1101, PSY 3300, PSY 4998 and PSY 4999). After 3 unsuccessful attempts to earn a minimum grade of C in each of these courses students are ineligible for a degree in Psychology. Please see the Chairperson for any questions or clarification. Chairperson reserves the right to waive the requirement at their discretion.

Policy on transfer courses

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, provides a foundation for future careers in mental health and social service, experimental research, business, law and other specializations. The program also provides a solid foundation for future graduate studies in areas such as clinical, forensic, developmental, school, counseling, and neuroscience experimental and industrial-organizational psychology. There are opportunities for supervised field placement and independent research.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>50</td>
<td>PSY 1100</td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NPW - Take PSY 1101 Intro to Psychological Research¹ (4 crs)</td>
<td></td>
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<tr>
<td>NPW - Take BIO 1101 or BIO 1140</td>
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</tr>
<tr>
<td>SEH - Take at least ONE course in Sociology (SOC)</td>
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</tr>
<tr>
<td>Select TWO foreign language courses in sequence</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>PSY 1100 General Psychology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 1103 Developmental Psychology I:</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Childhood and Adolescence</td>
<td>3</td>
<td></td>
<td>PSY 1101</td>
</tr>
<tr>
<td>PSY 2205 Psychology of Learning</td>
<td>3</td>
<td></td>
<td>MAT 1104 or higher</td>
</tr>
<tr>
<td>PSY 3300 Statistical Methods in Psychology¹</td>
<td>4</td>
<td>PSY 1101</td>
<td></td>
</tr>
<tr>
<td>PSY 3360 Psychobiology</td>
<td>3</td>
<td></td>
<td>PSY 1101</td>
</tr>
<tr>
<td>PSY 3380 Cross-Cultural and Multicultural Psychology</td>
<td>3</td>
<td></td>
<td>For ICS majors: ICS 1241; For PSY majors: PSY 1101, PSY 1103, and one 2000-level or higher PSY course.</td>
</tr>
<tr>
<td>PSY 4411 History and Systems of Psychology</td>
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<td>PSY 1101</td>
</tr>
<tr>
<td>PSY 4420 Applied Psychology</td>
<td>4</td>
<td></td>
<td>Two higher PSY electives</td>
</tr>
<tr>
<td>PSY 4998 Experimental Psychology I¹</td>
<td>4</td>
<td></td>
<td>Psychology major; PSY 1101 and two 3000-level PSY courses</td>
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<tr>
<td>PSY 4999 Experimental Psychology II¹</td>
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<td>Junior or senior standing</td>
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<tr>
<td>Select THREE of the following courses</td>
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<td>PSY 3300</td>
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<tr>
<td>(ONE at 3000-level, ONE at 4000-level, and ONE other from this list)</td>
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<td></td>
<td>PSY 4998</td>
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<tr>
<td>PSY 3301 Qualitative Research in Psychology</td>
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<tr>
<td>PSY 3307 Theories of Personality</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PSY 3312 Social Psychology</td>
<td></td>
<td></td>
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<tr>
<td>PSY 3320 Cognitive Psychology</td>
<td></td>
<td></td>
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<tr>
<td>PSY 4000-4199 Seminar in Psychology</td>
<td></td>
<td></td>
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<tr>
<td>PSY 4409 Abnormal Psychology</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>PSY 4461 Sensation and Perception</td>
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</tr>
<tr>
<td>General electives</td>
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</tr>
<tr>
<td>Total credits required</td>
<td>123</td>
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</table>

¹ Transfer credit will not be accepted for these courses.
# BA/MA Degree Program in Applied Behavioral Psychology

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>50</td>
<td></td>
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</tr>
<tr>
<td>First Year College</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>➤ NPW - Take PSY 1101 Intro to Psychological Research† (4 crs)</td>
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<tr>
<td>➤ NPW - Take BIO 1101 or BIO 1140</td>
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<tr>
<td>➤ SEH - Take at least ONE course in Sociology (SOC)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select TWO foreign language courses in sequence</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 1100 General Psychology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 1103 Developmental Psychology I: Childhood and Adolescence</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>PSY 3300 Statistical Methods in Psychology†</td>
<td>4</td>
<td>MAT 1104 or higher</td>
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<tr>
<td>PSY 3360 Psychobiology</td>
<td>3</td>
<td>PSY 1101</td>
<td></td>
</tr>
<tr>
<td>PSY 4411 History and Systems of Psychology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 4420 Applied Psychology</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 4998 Experimental Psychology I†</td>
<td>4</td>
<td>PSY 1101 and two higher PSY courses</td>
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<tr>
<td>PSY 4999 Experimental Psychology II†</td>
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<td>PSY 1101</td>
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<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>PSY 3301 Qualitative Research in Psychology</td>
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<td></td>
</tr>
<tr>
<td>PSY 3307 Theories of Personality</td>
<td></td>
<td></td>
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<tr>
<td>PSY 3312 Social Psychology</td>
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<tr>
<td>PSY 3320 Cognitive Psychology</td>
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<tr>
<td>PSY 4000-4199 Seminar in Psychology</td>
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<tr>
<td>PSY 4409 Abnormal Psychology</td>
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<tr>
<td>PSY 4461 Sensation and Perception</td>
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<tr>
<td>PSY 6207 Psychological Assessment and Diagnosis</td>
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<td>PSY 6205 Learning and Motivation</td>
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<td>PSY 6213 Group Theory and Counseling</td>
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<td>PSY 6205</td>
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<td>PSY 6233 Psychological Aspects of Disabilities</td>
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<td>PSY 6360 Cognitive Neuroscience</td>
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<tr>
<td>PSY 6380 Psychology of Diversity</td>
<td>3</td>
<td>PSY 6207</td>
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<tr>
<td>PSY 6401 Foundations of Counseling</td>
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<td>PSY 6207</td>
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<tr>
<td>PSY 7012 Behavioral Assessment and Intervention</td>
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<td>PSY 6205</td>
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<td>PSY 7101 Professional Issues and Ethics</td>
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<td>PSY 6205</td>
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<tr>
<td>PSY 7330 Adv. Experimental Methods &amp; Statistics</td>
<td>3</td>
<td>PSY 6205</td>
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<td>PSY 7400 Graduate Seminar</td>
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<td>PSY 6205</td>
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<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>PSY 7990 Supervised Practicum I</td>
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<tr>
<td>PSY 7998 Supervised Thesis I</td>
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<td></td>
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<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>PSY 7991 Supervised Practicum II</td>
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<td>PSY 7990</td>
<td></td>
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<tr>
<td>PSY 7999 Supervised Thesis II</td>
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<td>PSY 7998</td>
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<tr>
<td>General electives</td>
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</table>

† Transfer credit will not be accepted for these courses.
**Minor in Cross-Cultural and Multicultural Psychology**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 1100 General Psychology</td>
<td>3</td>
<td>ICS 1241 or PSY 1103 or higher</td>
<td></td>
</tr>
<tr>
<td>PSY 3380/ICS 3380 Cross-Cultural and Multicultural Psychology</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>Select ONE of the following courses</td>
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<td>ICS 1240 Peoples and Culture of Life Contemporary World I</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ICS 1241 Peoples and Cultures of the Contemporary World II</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>SOC 2070 Sociology of Minority Groups</td>
<td></td>
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<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td>ICS 1000</td>
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<tr>
<td></td>
<td></td>
<td>ICS 3370/SOC 2040 Cultural Anthropology</td>
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<tr>
<td></td>
<td></td>
<td>PSY 4024 Seminar: Morality in Cultural Perspective</td>
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<td></td>
<td></td>
<td>PSY 3381/PSY 5470 Seminar: Children &amp; Adol in Cross-Cultural Per</td>
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<tr>
<td></td>
<td></td>
<td>Any other 3000/4000 level ICS/PSY/SOC course</td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
<td>3</td>
<td>PSY 1101 and PSY 3300</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>PSY 4999 and Approval by Department</td>
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</table>

Total credits required ......................................................... 36

*Should be focused on topics of cross-cultural psychology or international organization

**Minor in Psychology**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
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<tbody>
<tr>
<td>PSY 1100 General Psychology</td>
<td>3</td>
<td>PSY 1100</td>
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<tr>
<td>PSY 1101 Introduction to Psychological Research</td>
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<td>PSY 1101 and PSY 3300</td>
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</tr>
<tr>
<td>PSY 1103 Developmental Psychology: Childhood and Adolescence</td>
<td>3</td>
<td>PSY 1101 and two higher PSY courses</td>
<td></td>
</tr>
</tbody>
</table>

Select ONE of the following courses ................................ 3

| PSY 3301 Qualitative Research in Psychology                |         | PSY 1101 and one of the following PSY 1103, PSY 2205 |                 |
| PSY 3320 Cognitive Psychology                              |         | PSY 1101 and two 2000-level or higher PSY courses   |                 |
| PSY 3360 Psychobiology                                     |         | PSY 1101 and PSY 2207                               |                 |

Select ONE of the following courses ................................ 3

| PSY 3307 Theories of Personality                           |         | PSY 1101 and two 2000-level or higher PSY courses   |                 |
| PSY 3312 Social Psychology                                 |         | PSY 1101 and PSY 2207                               |                 |
| PSY 4409 Abnormal Psychology                               |         | PSY 1101 and PSY 1103 and one 2000-level or higher PSY course | |

| PSY 4411 History and Systems of Psychology                 |         | PSY 1101 and TWO PSY electives                      |                 |

Total credits required ......................................................... 16

**MA Degree Program in General Psychology**

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 6207 Psychological Assessment and Diagnosis</td>
<td>3</td>
<td>PSY 6205</td>
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<tr>
<td>PSY 6205 Learning and Motivation</td>
<td>3</td>
<td>PSY 6205</td>
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<tr>
<td>PSY 6213 Group Theory and Counseling</td>
<td>3</td>
<td>PSY 6205</td>
<td></td>
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<tr>
<td>PSY 6233 Psychological Aspects of Disabilities</td>
<td>3</td>
<td>PSY 6205</td>
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<tr>
<td>PSY 6360 Cognitive Neuroscience</td>
<td>3</td>
<td>PSY 6205</td>
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<tr>
<td>PSY 6380 Psychology of Diversity</td>
<td>3</td>
<td>PSY 6205</td>
<td></td>
</tr>
<tr>
<td>PSY 6401 Foundations of Counseling</td>
<td>3</td>
<td>PSY 6205</td>
<td></td>
</tr>
<tr>
<td>PSY 7012 Behavioral Assessment and Intervention</td>
<td>3</td>
<td>PSY 6205</td>
<td></td>
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<tr>
<td>PSY 7101 Professional Issues and Ethics</td>
<td>1</td>
<td>PSY 6205</td>
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<tr>
<td>PSY 7330 Adv. Experimental Methods &amp; Statistics</td>
<td>3</td>
<td>PSY 6205</td>
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<tr>
<td>PSY 7400 Graduate Seminar</td>
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<td>PSY 6205</td>
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<tr>
<td>PSY 7998 Supervised Thesis I</td>
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<tr>
<td>PSY 7999 Supervised Thesis II</td>
<td>3</td>
<td>PSY 7998</td>
<td></td>
</tr>
</tbody>
</table>

Total credits required ......................................................... 36
Sociology and Criminal Justice

Office:     Rooms 6012, 6014 and 6016
Phone:     718.489.5446

Chairperson
Emily Horowitz

Professor
Horowitz

Associate Professor
Mathur
Phillips

Assistant Professor
Lowrey-Kinberg
Lemekh

Adjuncts
Boian
Collins
DiPrenda
Fox
Greene
Gjelaj
Kelly
Mullins
Savatta
Siem
Shah
Wilson

Department Mission
The Sociology and Criminal Justice Department offers an academic program that provides the foundation for students to pursue careers in social services including law, social work, law enforcement, parole, probation, and non-profit organizational service and management. Our goal is for students to enter the workforce prepared to solve social problems such as efforts to eliminate homelessness, help crime victims find needed services, fight injustices, reduce social inequalities, and create meaningful public policy. Our program offers majors in criminal justice and sociology. We also offer the following minors and concentrations for students majoring in other areas: criminal justice, sociology, and social work. Our students have the opportunity to work with full-time faculty members as research assistants and are required to participate in a for-credit (3 credits) internship. During the internship, students work a minimum of 135 hours during the course of a semester in a professional setting related to their career goals. Our department houses the Center for Crime and Popular Culture and the Institute for Peace & Justice. The centers offer students the opportunity to hear lectures by academic experts and practitioners. We also house a program for formerly incarcerated students, which helps our students learn about the realities of mass incarceration and prepares them in a unique way for work in the field of re-entry services. The mission of the Sociology and Criminal Justice Department is to provide our students with the knowledge, confidence, and motivation to think deeply about social issues. We seek to inspire intellectual curiosity, develop critical thinking skills, train in the application of the scientific method, and encourage tolerance. Our graduates are prepared for a career or graduate work in sociology, social work, criminal justice, and criminology.

Goals and Objectives

Sociology Majors

• Students will develop and apply the “sociological imagination” to the study of the social world.
• Students will utilize qualitative and quantitative sociological methods in the pursuit of social research.
• Students will gain familiarity with social theory and the history of sociological thought.
• Students will be able to apply social theory and sociological concepts to the study of social problems.
• Students will be able to critique how race, ethnicity, sex, sexuality, and gender relate to life chances in diverse societies.

Criminal Justice Majors

• Students will develop and master the ability to understand and apply major sociological concepts and theories to complex contemporary social phenomena.
• Students will identify the function and interrelationships between the major components of the American criminal justice system.
• Students will critically analyze key criminological theories.
• Students will demonstrate an understanding of the relationship between theory and criminal justice policy
• Students will explain the impact of race, ethnicity, sexual orientation, and class on criminal justice outcomes.
## Program Requirements

### Major in Criminal Justice

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (<a href="#">see page 15</a>). ........................................</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College ..................................................................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge ................................................................................</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>➤ SEH - Take SOC 1000 Principles of Sociology ........................................</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJ 1020 Introduction to Criminal Justice ............................................</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>CJ 2010 Criminology ..................................................................................</td>
<td>3</td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>CJ 2030 Policing in American Society .................................................</td>
<td>3</td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>CJ 2050 Correctional Systems ...................................................................</td>
<td>3</td>
<td>CJ 1020</td>
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</tr>
<tr>
<td>CJ 3000 American Criminal Courts .......................................................</td>
<td>3</td>
<td>CJ 1020</td>
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<tr>
<td>CJ 4990 Internship ...................................................................................</td>
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<td>24 CJ credits</td>
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<td>CJ 4998 Criminal Justice Senior Seminar' .............................................</td>
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<td>Junior or senior standing</td>
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<tr>
<td>Select <strong>SEVEN</strong> CJ elective courses ...................................................</td>
<td>21</td>
<td>SOC 1000</td>
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<tr>
<td>SOC 4210 Social Research Methods .......................................................</td>
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<tr>
<td>Select <strong>FIVE</strong> CJ or SOC electives courses .........................................</td>
<td>15</td>
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<td></td>
</tr>
<tr>
<td>Liberal Arts² (<a href="#">for specific academic subjects, see page 15</a>) ...............</td>
<td>15</td>
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<td></td>
</tr>
<tr>
<td>Total credits required ..........................................................................</td>
<td>123</td>
<td></td>
<td></td>
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</tbody>
</table>

¹The successful completion of CJ 4998 satisfies the College’s Comprehensive Examination/Thesis requirement. ²Students pursuing a Bachelor of Science degree must complete 1/2 of their degree credits (i.e. minimum 60 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>48</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td><strong>SEH - Take SOC 1000 Principles of Sociology</strong></td>
<td></td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 2000 Social Problems</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 2030 Introduction to Social Work</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 3010 Sociology of the Family</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 3020 Theory and History of Sociology</td>
<td>3</td>
<td>SOC 1000</td>
<td>Junior or senior standing</td>
</tr>
<tr>
<td>SOC 3060 Law and Society</td>
<td>3</td>
<td>SOC 1000</td>
<td>SOC 2030</td>
</tr>
<tr>
<td>SOC 4210 Social Research Methods</td>
<td>3</td>
<td>SOC 1000</td>
<td>SOC 2030</td>
</tr>
<tr>
<td>SOC 4990 Internship</td>
<td>3</td>
<td>SOC 2030</td>
<td>Senior standing</td>
</tr>
<tr>
<td>SOC 4998 Sociology Senior Seminar¹</td>
<td>3</td>
<td>Soc 1000</td>
<td></td>
</tr>
<tr>
<td>Select SEVEN SOC courses</td>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 1100 General Psychology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Arts² (for specific academic subjects, see page 15)</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General electives</td>
<td>21</td>
<td></td>
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</tr>
<tr>
<td><strong>Total credits required</strong></td>
<td>123</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

¹The successful completion of SOC 4998 satisfies the College’s Comprehensive Examination/Thesis requirement.

²Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.

## Major in Sociology—Concentration in Social Work

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>48</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
<td></td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td><strong>SEH - Take SOC 1000 Principles of Sociology</strong></td>
<td></td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 2000 Social Problems</td>
<td>3</td>
<td>SOC 1000</td>
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</tr>
<tr>
<td>SOC 2030 Introduction to Social Work</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 3010 Sociology of the Family</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 3020 Theory and History of Sociology</td>
<td>3</td>
<td>SOC 1000</td>
<td>Junior or senior standing</td>
</tr>
<tr>
<td>SOC 3060 Law and Society</td>
<td>3</td>
<td>SOC 1000</td>
<td>SOC 2030</td>
</tr>
<tr>
<td>SOC 4210 Social Research Methods</td>
<td>3</td>
<td>SOC 1000</td>
<td>SOC 2030</td>
</tr>
<tr>
<td>SOC 4991 Social Work Practicum I</td>
<td>3</td>
<td>SOC 2030</td>
<td>Senior standing</td>
</tr>
<tr>
<td>SOC 4992 Social Work Practicum II</td>
<td>3</td>
<td>SOC 4991</td>
<td>(may be taken as pre- or co-requisite</td>
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<td>SOC 4998 Sociology Seminar¹</td>
<td>3</td>
<td>SOC 1000 or CJ 1020</td>
<td>Senior standing</td>
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<tr>
<td>CJ 3015 Prisons and Prisoners in America</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
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<tr>
<td>CJ 3070/PSY 3330 Addictions I</td>
<td>3</td>
<td>SOC 1000</td>
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<tr>
<td>CJ 3075/PSY 3331 Addictions II</td>
<td>3</td>
<td>CJ-3070 or PSY 2130</td>
<td></td>
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<tr>
<td>Select FOUR SOC or CJ Elective courses</td>
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</tr>
<tr>
<td>PSY 1100 General Psychology</td>
<td>3</td>
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</tr>
<tr>
<td>Liberal Arts electives² (for specific academic subjects, see page 15)</td>
<td>15</td>
<td></td>
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</tr>
<tr>
<td>General electives</td>
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<tr>
<td><strong>Total credits required</strong></td>
<td>123</td>
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<td></td>
</tr>
</tbody>
</table>

¹The successful completion of SOC 4998 satisfies the College’s Comprehensive Examination/Thesis requirement.

²Students pursuing a Bachelor of Arts degree must complete 2/3 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see page 15.
Minor in Criminal Justice

The criminal justice minor is available to students pursuing a bachelor’s degree in any area of study that intersects with criminal justice (e.g. sociology, political science, psychology, history, communications, English, philosophy, economics, American studies, etc.).

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ 1020 Introduction to Criminal Justice</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>CJ 2010 Criminology</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>Select ONE of the following courses</td>
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<tr>
<td>CJ 2030 Policing in American Society</td>
<td></td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>CJ 2050 Correctional Systems</td>
<td></td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>CJ American Criminal Courts</td>
<td></td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>Select TWO CJ elective courses chosen with advisor’s consent</td>
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<td>CJ 1020</td>
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</tr>
<tr>
<td>Total credits required</td>
<td></td>
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<td>15</td>
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</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1150 Forensic Biology</td>
<td>3</td>
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</tr>
<tr>
<td>CHE 1101 Chemistry and Life</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJ 1020 Introduction to Criminal Justice</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select TWO of the following courses</td>
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<td>CJ 1020</td>
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<tr>
<td>CJ 3010 Forensic Science</td>
<td></td>
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<tr>
<td>CJ 3012 Criminal Investigation</td>
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<td>CJ 1020</td>
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<tr>
<td>CJ 4000 Special Topics in Criminal Justice(1)</td>
<td>Chairperson approval</td>
<td>IT 1001</td>
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<tr>
<td>IT 2270 Computer Forensics</td>
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<tr>
<td>Total credits required</td>
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<td>16</td>
</tr>
</tbody>
</table>

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

Minor in Sociology

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

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 1000 Principles of Sociology</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOC 2000 Social Problems</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 2070 Sociology of Minority Groups</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
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<tr>
<td>SOC 3020 Theory and History of Sociology</td>
<td>3</td>
<td>SOC 1000</td>
<td></td>
</tr>
<tr>
<td>SOC 4210 Social Research Methods</td>
<td>3</td>
<td>SOC 1000</td>
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<tr>
<td>Total credits required</td>
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</table>
## Associate of Applied Science in Criminal Justice

<table>
<thead>
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<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Program (see page 15)</td>
<td>33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>First Year College</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Bodies of Knowledge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJ 1020 Introduction to Criminal Justice</td>
<td>3</td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>CJ 2010 Criminology</td>
<td>3</td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>CJ 2030 Police Practices and Procedures</td>
<td>3</td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>CJ 2050 Corrections</td>
<td>3</td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>CJ 3000 Criminal Law</td>
<td>3</td>
<td>CJ 1020</td>
<td></td>
</tr>
<tr>
<td>Criminal Justice Electives</td>
<td>6</td>
<td></td>
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</tr>
<tr>
<td>General electives</td>
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<tr>
<td>Total credits required</td>
<td>60</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Women’s and Gender Studies

Dr. Rzeszutek: Room 7003
Dr. Rzeszutek: 718.489.2002

Director
Dr. Sara Rzeszutek

Program Mission

The minor in Women’s and Gender Studies is an interdisciplinary program of study focusing on how ideas about women, gender, and sexuality operate in and influence society. By looking at the biological, psychological, social, political, and cultural aspects of women, gender, and sexuality within different cultures and professions, the minor endeavors to highlight how ideas about these categories influence literature, the arts, the sciences, business, and technology. The minor also underscores the contributions women, non-gender conforming, and LGBTQ people have made to these fields and in other areas where they are underrepresented. An integration of coursework and cultural events will prepare students to think critically about how gender and sexuality operate in daily life, appreciate the contributions and struggles women, non-gender conforming, and LGBTQ people have made and endured, and prepare students for futures in social work, health care, business administration, artistic and cultural administration, media, nonprofit work, and graduate school.

Goals and Objectives

Program Requirements

Minor in Women’s and Gender Studies

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Co-Requisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGS 2001 Introduction to Gender Studies</td>
<td>3</td>
<td>COM 1000 or WRI 1100</td>
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</tr>
<tr>
<td>Select THREE of the following courses from at least 2 departments</td>
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<td>COM 2000</td>
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</tr>
<tr>
<td>COM 3009 Women in Film and Video</td>
<td></td>
<td>WRI 1100</td>
<td></td>
</tr>
<tr>
<td>ENG 2150 Gender in American Literature</td>
<td></td>
<td>Any ENG 2000 course</td>
<td>ECO 1201</td>
</tr>
<tr>
<td>ENG 3605 Contemporary American Women’s Poetry</td>
<td></td>
<td>WRI 1100</td>
<td></td>
</tr>
<tr>
<td>ECO 3340 Gender and the Economy</td>
<td></td>
<td>FA 1401, FA 1402 or any ENG 2000 course</td>
<td>HIS 1201</td>
</tr>
<tr>
<td>FA 3210 Women in the Arts and Sciences</td>
<td></td>
<td>PHI 2201 or PHI 2203</td>
<td>15 college credits</td>
</tr>
<tr>
<td>HIS 3315 Women in the 20th Century World</td>
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<td>HIS 1403 Women’s Health Issues</td>
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<td>PHI 3312 Women in Philosophy</td>
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<td>PSC 2325 Women and Politics</td>
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<td>PSY 1114 Human Sexuality</td>
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<td>PSY 2229 Psychology of Women</td>
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<td>PSY 3370/SOC 3370 Gender Roles in Cross-Cultural Perspectives</td>
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<td>PSY 1100, one higher PSY elective</td>
<td>SOC 1000</td>
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<td>SOC 3010 Sociology of the Family</td>
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Students who complete the minor in Women’s and Gender Studies will learn:
- How gender and sexuality have been constructed socially, culturally, politically, and scientifically.
- The challenges which women, non-gender conforming, and LGBTQ people have faced throughout history and their movements to create change.
- Critical and theoretical frameworks related to Women’s and Gender Studies across disciplines.
- Appreciation for cultural and social events related to women’s, non-gender conforming, and LGBTQ people’s experiences.

Students who complete the minor in Women’s and Gender Studies will be able to:
- Analyze the role of gender and sexuality in culture and society.
- Explain how gender and sexuality fit into power differentials across different social, cultural, and institutional settings and practices.
- Describe the historical struggles of women, non-gender conforming, and LGBTQ people for independence and equality around the world.
- Engage in critical thinking, discussion, and writing about women, gender, and sexuality as they are reflected in various disciplines.
- Articulate how Women’s and Gender Studies is valuable in an array of career and educational paths.
Dr. Rzeszutek: Room 7003  
Dr. Rzeszutek: 718.489.2002  

**Director**  
Dr. Sara Rzeszutek

The Center for Women’s and Gender Studies opened as the Women’s Center at St. Francis College in July 2007. The Center seeks to promote and support an interdisciplinary approach to Women’s and Gender Studies; faculty and student research on issues related to gender and sexuality; leadership and activism; and opportunities for students to network, participate, and engage with events and organizations at St. Francis College, with local employers, and in the community. The Center also sponsors cultural, political, and social events related to Women’s and Gender Studies.

The Center for Women’s and Gender Studies operates in cooperation with the minor in Women’s and Gender Studies. While the minor is an academic program centered on scholarship, the Center functions as a resource for all students, faculty, administration, and staff as it supports the intellectual goals and objectives of the minor. In doing so, the Center fosters partnerships within and outside of St. Francis College to promote awareness and make positive contributions in areas related to Women’s and Gender Studies.
### Suspended Programs

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

<table>
<thead>
<tr>
<th>Program</th>
<th>Associate's Degree</th>
<th>Bachelor's Degree</th>
<th>Master's Degree</th>
<th>Certificate</th>
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<th>NYS Code</th>
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COURSES OF INSTRUCTION
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 1101 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 1101 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 1700 Accounting for Healthcare Organizations
The instructor for this course will assign the chapter material, lecture and illustrate specific items to clarify text presentation. Class discussions and review of assigned material will be a significant component of the course. Students are expected to be fully prepared for each class meeting and to participate regularly. Class examinations, case projects, spreadsheet assignments, and a final examination will be administered during the semester. Prerequisite: MAT 1101. 3 credits. Offered as needed.

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 2101, ACC 2102, 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: Acceptance to MS_ACC Program. 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: Acceptance into MS_ACC Program. 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: Acceptance into MS_ACC Program. 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: Open into MS_ACC Students. 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: Acceptance into MS_ACC Program. 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 6601 Accounting for Managers
[New Course] This course will examine the managerial use of cost data for routine planning, budgeting, and control, as well as for long-range planning. Students will explore the differences between generally accepted accounting principles and cost accounting principles. Students will be introduced to the managerial use of cost data for routine planning and budgeting within for-profit and not-for-profit entities. 3 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.
Adolescent Education [AED] Courses

Education courses appear as Adolescent Education [AED], Childhood Education [CE], 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 of Instruction in Secondary Education

[Updated Title and Description] Study of basic principles, instructional practices, and necessary competencies in effectively teaching in the adolescent classroom. Emphasis is on learner-centered approaches and encouraging pro-social behaviors. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

AED 3320 Literacy in the Content Area (Grades 7-12)

[Updated Title and Description] Study of the necessary competencies to promote students’ higher-order literacy development in the content areas. To that end, the emphasis of the course content is on the linguistic skills and productive language functions students need to develop in order to interact with, comprehend, and evaluate a range of complex texts and multifaceted information across disciplines. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

AED 3340 Methods of Instruction in Secondary English

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school English. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

AED 3400 Methods of Instruction in Secondary Mathematics

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school mathematics. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

AED 3500 Methods of Instruction in Secondary Social Studies

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school social studies. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

AED 3600 Methods of Instruction in Secondary Biology

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school biology. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

AED 3650 Methods of Instruction in Secondary Chemistry

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school chemistry. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

American Studies [AMS] Courses

For specific course information, contact the American Studies department in room 6011 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 every fall.

AMS 4998 American Studies Capstone

The capstone course in American Studies is a seminar in which students will be asked to produce a 18-20 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, American History (HIS) Survey course, WRI 1100 and Chairperson’s approval.
Biology [BIO] Courses
For specific course information, contact the Biology and Health Promotion department in room 5220 or call 718.489.5439.

BIO 1000 Ecology and the Environment
An introduction to basic concepts in ecology and population dynamics, their relationships to resources, and pollution. This course will include a laboratory component. This course is designed for non-science majors. Three lecture hours per week. 3 credits. Every semester.

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 will include a laboratory component. 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 lecture hours per week. 3 credits. Every semester.

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. Offered as needed.

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 musco-skeletal and nervous systems. Labs are correlated with lectures. Three lectures and three lab hours per week. Lab fee. 4 credits. Fall semester; day.

BIO 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. Every semester.

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 the 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. Recommended as a 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. Recommended as a co-requisite: CHE 1202. Three lecture and four 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. Offered as needed, 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. Offered as needed 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**
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 1141 or BIO 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered Fall, Spring and Summer I.

**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 angiosperms. Field trips to local botanical gardens will be included. Prerequisite: BIO 1202. Three lectures and three lab hours per week. Lab fee. 4 credits. Offered as needed.

**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 Advanced 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. Offered as needed; 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. Offered as needed.

**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.

**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 2250. 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 1202 or BIO 1141 or open to students in the BS_NUR and BS_RN programs. 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 and CHE 2102. 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 5101 History of Science and Medicine in America
This course surveys the major challenges and advancements in biology and medicine in America from the early 17th century to present day and the impacts of these advancements on American society. The roles of race, religion, socioeconomic class, gender and sexual orientation in determining access to health care and treatment protocols will be explored and analyzed. 3 credits. Offered as needed.

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/PSY 4014 Contemporary Biology and Psychology and Special Topics in Biology and Psychology: Marine Biology (Behavior of Marine Animals)
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. Students may take only one of the courses.

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.

Business Law [BL] Courses
For specific course information, contact the Accounting and Business Law department in room 5020 or call 718.489.5301.

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**
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 3001 Real Estate Law**
The course is designed to provide an overview of typical commercial real estate dealings that involve transfers of ownership in real property. Various business structures and relationships to hold direct and indirect interests in property are explored in this course. An analysis of financing techniques for the acquisition of real estate and indirect interests in ownership entities is conducted. This course also involves the study of project development activities and financing in the real estate sector. Prerequisites: BL 2101 and BUS 1001. 3 credits. Offered as needed.

**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.

**BL 6101 Bus Law for Accounting Professionals**
The course is only open to students enrolled in the Master’s Degree in Professional Accounting program. The course starts with an introduction to the U.S. legal environment, court system and the law of torts and business crimes. The remainder of the course is devoted to an in-depth study of the law of contracts, both the common law and statutory law of sales contracts under Article 2 of the Uniform Commercial Code. Students will be prepared for the following Modules, which are part of the Regulation Section of the Uniform CPA Examination: Module 23: Professional and Legal Responsibilities, area 4 on torts and business crimes; Module 26 on Contracts; and Module 27 on Sales. 3 credits. Offered as needed.

**BL 6102 Advanced Bus Law for Accounting Professionals**
The course is only open to students enrolled in the Master’s Degree in Professional Accounting program. The course builds on the basic principles learned in Business Law for Accounting Professionals and introduces accounting students to the complex legal issues concerning business organizations with a focus on the applicability to issues facing members of the accounting profession in the United States. Students will be prepared for the following Modules which are part of the Regulation Section of the Uniform CPA Examination: Module 23 on Professional and Legal Responsibilities; (other than area 4 on torts and business crimes, which is covered in the prerequisite course); Module 24 on the Federal Securities Acts; Module 25 on Business Structure; Module 28 on Commercial Paper; Module 29 on Secured Transactions; Module 30 on Bankruptcy; Module 31 on Debtor-Creditor Relationships; Module 32 on Agency; Module 33 on Regulation of Business: Employment, Environment and Antitrust; and Module 34 on Property. 3 credits. Offered as needed.

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**Business [BUS] Courses**

Business courses appear as Business [BUS], Entrepreneurship [ENT], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], Project Management [PM] and Sports Management [SPM]. 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 718.489.3465

**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**
[Updated course description] In this course, students learn which forces impact international expansion strategy and operations, and how industry and/or technological innovation and disruption influence international business strategy and operations. Emphasis is placed on the impact of political decisions related to international trade, the importance of
understanding cultural diversity and the unique financial, logistical and human resource issues faced by global businesses. Students will explore entrepreneurial opportunities within a global context. Prerequisite: BUS 1001. 3 credits. Offered as needed.

**BUS 2003 Changes in Corporate Culture**
This course is designed to explore the vast shifts in corporate culture which have occurred in the past century. The course will present an overall timeline of the changes within the corporate working environment and how it impacts employees, society and the products and services that are created. The historical timeline culminates with an in-depth study of organizations today and how a new employee will be expected to adapt to their unique corporate culture. The course will require students to use critical thinking skills to analyze the changes and how it will impact them in their careers. Prerequisite: AMS 1001. 3 credits. Offered as needed.

**BUS 2260 Business Writing**
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 2342/PHI 2342 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 the 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. Prerequisites: 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 approval of Chairperson required. 3 credits. Offered as needed.

**BUS 4001-4099 Special Topics in Business**
Business is a rapidly changing discipline. The focus of this course is to address the need to cover different topics that are contemporary. Topics vary from semester to semester. 3 credits. Day and evening.

**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 & IT 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 & IT Department. If qualified, an independent study can be used to substitute for an elective in Entrepreneurship, Finance, Human Resources, Information Technology, Marketing, Operations Research Methods, Project Management or Sports Marketing. Prerequisite: prior application and approval of Chairperson and faculty mentor required. 1-3 credits. Offered as needed.

**BUS 4998 Capstone Business Policies**
[Updated title and prerequisites] 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 roles of a company’s senior executives in a competitive, high technology industry. Prerequisite: senior standing, ECO 3331/FIN 3301, HR 2204, MKT 2201, and either ORM 3301 or MAT 2301. Must pass the course with B or better. 3 credits. Every semester; day and evening.

**BUS 5302 Law in U.S. Culture: From the Constitution to Law and Order**
The course introduces students to law within the context of U.S. culture with the focus on contemporary legal issues in the United States. Students start with an introduction to the U.S. legal system, the role of lawyers in the United States and constitutional law. Students then consider selected current issues in the law. Topics include birth (abortion; adoption; citizenship); education (First Amendment issues; bullying under criminal and tort law) and marriage (age; consanguinity; same-sex). Students learn how law is portrayed in U.S. culture by examining the treatment of law on television, in films and in literature (court decisions, non-fiction and fictional writing). The course is directed to students in the Honors Program and is open to all students, including those in the American Studies Certificate Program, with permission of the director of the Honors Program. 3 credits. Offered as needed.

**BUS 5401 Contemporary Business Issues: Sustainable Development**
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.

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 Methods of Effective Teaching in the Inclusive Classroom (Grades 1-6)

[Updated Title and Description] Study of basic principles, instructional practices, and necessary competencies in effectively teaching in the inclusive classroom. Emphasis is on developing learner-centered approaches and encouraging pro-social behaviors. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

CED 3000 Methods of Instruction in Science (Grades 1-6)

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching science in the elementary classroom. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

CED 3200 Methods of Instruction in Mathematics (Grades 1-6)

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching mathematics in the elementary classroom. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

CED 3300 Methods of Instruction in Writing (Grades 1-6)

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching writing in the elementary classroom. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

CED 3700 Methods of Instruction in Social Studies and Geography (Grades 1-6)

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching social studies and geography in the elementary school classroom. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

CED 4300 Methods of Instruction in Beginning Reading (Grades 1-6)

[Updated Title and Description] Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching beginning reading. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

Chemistry [CHE] Courses

For specific course information, contact the Chemistry and Physics department in room 7202 or call 718.489.5295.

CHE 1000 Chemistry in Society

Designed for non-science majors. Chemical principles are developed and applied to a series of major societal-technological issues such as global warming, water quality, acid rain, food additives, alternate energy sources, etc. Three lecture hours per week. 3 credits. Offered as needed; 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 1101 or placement by examination. Lab fee. 4 credits. Fall; day.

CHE 1102 Chemistry and Life II

Continuation of CHE 1101 with emphasis in organic chemistry and biochemistry. Prerequisite: CHE 1101. Lab fee. 4 credits. Spring; day or evening.

CHE 1201 General Chemistry I

[Updated Course Description and Prerequisites] Intended for science majors. Emphasis on quantitative aspects of chemistry at a more specialized level than in CHE 1101/ CHE 1102. The course begins with an investigation of the ways in which we represent atoms and molecules symbolically, and their structures and spectroscopic signals. We then consider properties related to their physical states: gases, liquids, and solids. Finally, we scale up our investigation to explore how we relate the
submicroscopic realm of atoms and molecules to the physically observable macroscopic world by considering such concepts as stoichiometry and moles. Three lecture, one recitation, and three lab hours per week. Co-requisite: MAT 1105 or higher. BIO 1201 is recommended as a co-requisite. Lab fee. 5 credits. Every fall; day.

**CHE 1202 General Chemistry II**

[Updated Course Description and Prerequisites] Continuation of CHE 1201. Emphasis is placed on a systematic examination of chemical processes that includes thermodynamics, kinetics, equilibria, acid-base properties, and electrochemistry. Prerequisite: CHE 1201. Co-requisite: MAT 1107 or higher. BIO 1202 is recommended as a co-requisite. Lab fee. 5 credits. Every spring; 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, summer; day.

**CHE 2102 Organic Chemistry II**

Continuation of CHE 2101. Prerequisite: CHE 2101. Lab fee. 5 credits. Every spring, summer; day.

**CHE 2301 Inorganic Chemistry**

Inorganic chemistry is a vast subject comprising the chemistry of all 114 known elements and their compounds. Therefore, it is useful to understand the various principles that govern the chemistry of the elements so that memorization is minimized and critical analysis is maximized. The basic principles that will be addressed are: Electronic structure, size, acidity, redox, thermodynamics, bonding, and properties. This course will provide a basic understanding of inorganic chemistry that allows for many applications to environmental and biological systems. Prerequisite: CHE 1202. Three lecture, three lab hours. Lab fee. 4 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 molecules of biochemical significance. Prerequisite: CHE 2102. Three lecture and four lab hours per week. Lab fee. 4 credits. Fall & Spring semesters; day.

**CHE 3002 Bio-Analytical Chemistry**

Theoretical and practical knowledge of modern analytical chemistry; survey of classical and instrumental methods with emphasis on clinical and biochemical systems. Prerequisite: CHE 2102, PHY 2002. Three lecture and four lab hours per week. Lab fee. 4 credits. Offered as needed; 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, chromatography, electroanalytical chemistry, mass spectrometry and other advanced techniques; principles of chemical analytical instrumentation, components and design. Prerequisites: CHE 2050, CHE 4001. 3 lecture and 4 lab hours per week. Lab fee. 4 credits. Offered as needed.

**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. 1 semester. Prerequisite: Chairperson’s approval. 3 credits. Every year.
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 2010 Criminology
[Updated subject] The course explores the study of crime causation, primarily from a sociological perspective. Students are introduced to theories that explain the nature, extent, patterns, and control of criminal and delinquent behavior. Prerequisite: SOC 1000. 3 credits.

CJ 2030 Policing in American Society
[Updated Title] This course provides the student with a comprehensive review of the structure and function of policing in American society. The course covers the origins of modern policing, core aspects of police work, and basic constitutional laws governing policing practices. Prerequisite: CJ 1020. Required course for the Criminal Justice major. 3 credits Fall semester.

CJ 2050 Correctional Systems
[Updated Title] This course provides an overview of corrections in America. The course covers the historical trajectory of corrections and examines the role of various institutions such as jails, prisons, and community corrections. Policies and practices governing confinement, surveillance, and control will be examined. Students will be introduced to best practices in community corrections and reentry. Prerequisite: CJ 1020. Required course for the Criminal Justice major. 3 credits. Spring semester.

CJ 2062 Terrorism and Counterterrorism
This course covers theories of terrorism with an eye to the creation of counterterrorism policy, while appreciating the delicate balance of protecting civil rights in a democratic society. Prerequisite CJ 1020. 3 Credits. Offered as needed.

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 sentencing. Prerequisite: CJ 1020. This course is a Criminal Justice elective. 3 credits. Fall semester.

CJ 3000 American Criminal Courts
[Updated Title] This course provides a survey of the basic elements of the American criminal court system. An overview of landmark judicial decisions relevant to criminal justice will be provided. Current legal issues, with particular attention to state laws in New York, will be addressed. Prerequisite: CJ 1020. Required course for Criminal Justice majors. 3 credits. Every semester.

CJ 3010 Forensic Science
This course introduces criminal investigation techniques with an emphasis on the value of 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. 3 credits. Offered as needed.

CJ 3012 Criminal Investigations
This course introduces students to the actors and basic stages in the investigation of a major crime scene. The student will become familiar with the techniques of interview and interrogation, evidence collection, and chain of custody issues. The course 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
[Updated description] This course focuses on the intersection of criminality, crime, and mass media. The student will explore media representations of those involved in the criminal justice system including law enforcement, offenders, and victims. Various media formats will be discussed as well as fictional and non-fictional representations of crime. Prerequisite: CJ 1020. 3 credits. 3 credits. Spring semester.

CJ 3014 Victimology
This course offers a comprehensive survey of the field of victimology with an emphasis on the empirical study of victimization and crime victims. The history of victimology, the role of victimologists, and responses to victimization will be explored. Prerequisite: CJ 1020. 3 credits. Offered as needed.

CJ 3015 Prisons and Prisoners in America
[Updated description] The course analyzes and critiques the history and current realities of punishment in America. The inexorable links between prisons, prisoners, and racial, ethnic, and socio-economic status will be examined. The student will analyze the realities of prison life including issues of violence, education, healthcare, drug treatment, and mental health issues. Challenges to reentry will be addressed. Prerequisite: CJ 1020. 3 credits. Offered as needed.

CJ 3016 Sex Crimes & American Justice
[Updated description] This course focuses on the history and social reaction to sex offenders and sex crimes in America. We examine research related to treatment, management, and recidivism. We critically analyze the history and social context of emerging mechanisms of social control aimed at curbing sex offenses including sex offender registries and community notification laws. This course is part of the American Studies minor. 3 credits. Prerequisites: SOC 1000 or CJ 1020. Offered as needed.

CJ 3017 Wrongful Convictions
[New course] This course introduces students to factors associated with wrongful convictions including eyewitness misidentification, false confessions, forensic error, informant
testimony, and prosecutorial misconduct. Students examine the consequences of wrongful convictions and assess the impact on exonerates, their families, and the broader community. Students will assess policy solutions to address these injustices. Prerequisite: SOC 1000 or CJ 1020. 3 credits.

**CJ 3050 Crimes of the Powerful**

[Updated Title] This course provides a critical reconsideration of the definition of crime by exploring social harm caused by individuals, organizations, corporations, and the state. Students will explore ways to identify and measure crimes of the powerful, their victims, and policy responses. Prerequisite: CJ 1020. 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. 3 credits. Offered as needed.

**CJ 3075/PSY 2131 Addictions II**

This course provides a review of therapeutic techniques for all forms of addictive behavior. Prerequisite: CJ 3070/PSY 2130. 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. 3 credits. Offered as needed.

**CJ 3090 Contemporary Issues in American Law Enforcement**

[Updated Title] This course addresses the role of policing in a democratic society. The course examines research on crime statistics, racial profiling, stop & frisk, police misconduct, police brutality, and policing terrorism. The course also considers crime prevention efforts that have been shown to reduce violence. Prerequisite: CJ 1020. 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**

This course is available to 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 Culture and Crime**

[Updated Title] This course examines the intersection of culture, crime and social control. The course focuses on the ways that 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, true crime podcasts etc.) shape our understandings of crime and justice. The course provides a theoretical lens for understanding various forms of violence including gender-based violence, gun violence, and state violence. Prerequisite: CJ 1020. 3 credits. 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 7319 or call 718.489.5428.

**COM 1000 Fundamentals of Public Speaking**

[New Course Title] An introductory course teaching research, organization and basic practice of extemporaneous speaking; students will develop an appreciative understanding of the art of speechmaking in institutional and public settings. Speech projects will be organized according to purpose, such as informational, persuasive and celebratory modes. Exemplary topics for inquiry and discussion will include speech writing, argumentation, audience awareness, feedback, communication apprehension and emerging issues in public discourse. 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 social media, global communication and current controversies. Prerequisite: COM 1000. 3 credits. Every semester; day; evening 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. Fall and/or Spring semester, day; evening as needed.

COM 2050 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 and/or Spring 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
An advanced course, Acting II introduces various acting techniques employed in theater, television, and film. Contemporary scenes are videotaped and played for discussion and analysis. Scenes from classic dramatic literature are also performed, directed, and evaluated. Conducted as a workshop. Prerequisite: COM 2100. 3 credits. Fall and/or Spring semester; day, evening as needed.

COM 2200-2299 Introductory Topics in Communication Arts
An introductory course, COM 2200 examines various issues of the discipline. Courses offered as needed, will investigate special problems and controversies in contemporary Communication Arts. Theses may include topics in all tracks: Advertising and Public Relations, English and Communication, Performance Studies, and Digital Media: Film, Broadcasting, & Journalism. These courses may explore topics of privacy, censorship and legal issues, the artistic strategies of popular cultural forms, and new technologies and opportunities in digital media. Prerequisite: COM 1000. Offered 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 -3099 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. Courses may include Advanced News Writing, The Press Release, Writing for the Digital World, Sports in the Media, Photojournalism, and Gender, Race & Class in Media. Prerequisite: COM 2000. 3 credits. Offered as needed. Students may take COM 3000 twice. They must be different courses in different semesters.

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 and/or Spring 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. Fall and/or 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. Fall and/or Spring semester; day; evening as needed.

COM 3130 Digital Radio Industry
[Updated Title] 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 Fall and/ or Spring semester; day; evening as needed.

**COM 3140 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 or 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 and/or Spring semester; day; evening as needed.

**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 in a state of the art HD TV studio. 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, propaganda, 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 and COM 2000. 3 credits. Every semester; day; evening as needed

**COM 3410 Advertising**
An advanced intermediate course, COM 3410 surveys advertising techniques and functions. The course covers topics such as 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 may be investigated, as well as advertising's impact on popular thought and culture. Prerequisite: COM 2000 or COM 3400. 3 credits. Every semester; day; evening as needed

**COM 3601 Political Communication**
[Updated Course Number from COM 4610, Course Description and Prerequisites] 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 and/or Spring semester, day.

**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 and/or Spring 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 scripting, 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 in a state of the art HD TV Studio. It provides students the chance to work in production teams to achieve their goals. In class, students 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). Prerequisite: COM 3300. 3 credits. Fall and/or 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 disciplines such as 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 Workshop**

[Updated Title] 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 produce projects and may collaborate on several productions 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. Offer as needed.

**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 Communication**

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 may 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 Fall and/or Spring; day.

**COM 4611 Communication and the Law**

[Updated Course Number from COM 3600, Course Description and Prerequisites] 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 3410. 3 credits. Offered as needed.

**COM 4990 Field Experience**

An advanced course open to majors with an overall 3.0 index, junior or senior standing 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 upon which the student has specialized. During an internship, students must maintain a comprehensive daily log of personal work activities. Qualified students may take COM 4990 twice, in different semesters.
Transfer students must acquire ONE semester at SFC with a 3.0 or higher. Prerequisite: Professor and Chairperson’s approval. Open only to Communication majors. 3 credits. Offered as needed.

**COM 4991 Field Experience II: On Campus**
An advanced course open to majors, juniors or senior standing. 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 experience must relate to the area of communication in which the student has specialized. During an internship, students must maintain a comprehensive daily log or personal work activities. Prerequisites: Chairperson’s approval. Open only to Communication majors. 3 credits. Offered Fall and/or 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. Qualified students may take COM 4995 twice in different semesters.

**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 academic competence of the student. The student’s individual thesis, report, performance, exam 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 academic competence of the student. This course culminates in a student’s individual thesis, report, performance, exam or project supervised by a chosen mentor with occasional outside evaluation. Prerequisite: Senior standing. 3 Credits. Offered every semester.

**EC 4500 Foundations of Early Childhood Education**
[Updated Title] Description: Study of the historical and philosophical foundations of Early Childhood Education as well as movements that have shaped Program development, delivery of services, health, safety, nutrition, and home-school-community relations. Designed for students who wish to pursue an additional license in Early Childhood Education, birth through age eight. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 3 credits

with occasional outside evaluation. Prerequisite: Senior standing. 3 credits. Offered every semester.

**EC 4501 American Cinema**
This Seminar is a critical examination of American films and film culture. The course examines a body of films grouped by theme, genre, director or historical period. Students will learn how to analyze film as texts, examining cinematography, editing, sound, narrative structure, genre, film theory and/or historical content. The films chosen may be produced inside or outside of the U.S. in order to pinpoint the influence of American film culture on world culture and vice versa. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

**EC 4512 Propaganda and Mass Persuasion**
This course will analyze the development, theories, principles and techniques of propaganda and mass persuasion in both totalitarian and democratic societies. For the most part, we will examine propaganda scholarship, a field which concerns itself with the engineering of perception, mobilization and consent. We will study propaganda and mass persuasion in war and peace, including advertising. Through films, graphic and printed materials, we will also examine propaganda and mass persuasion from an historical perspective, considering the roles of propaganda and mass persuasion in the past and present and their implications for the future. Open to Honor Students. 3 credits. Offered as needed.

**EC 5600 Global Communication**
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 may 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.

**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.

**EC 4600 Methods of Instruction in Early Childhood Education**
A complement to EC4500, this course prepares teacher candidates with specialized knowledge and skills in planning, implementing, and evaluating developmentally appropriate curricula for Early Childhood Education, birth through age eight. Particular emphasis is placed on culturally relevant and responsive teaching in the inclusive classroom. Designed for students who would like to pursue an additional license in Early Childhood Education, birth through age eight. Prerequisites: Gates I, II, III; cumulative GPA of 3.0; EC4500. This course includes 15 hours of field experience. 3 credits.
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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<tr>
<th>Undergraduate Courses</th>
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<tbody>
<tr>
<td><strong>ECO 1201 Principles of Macroeconomics</strong></td>
<td>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 1101 or placement exam. 3 credits. Every semester.</td>
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<tr>
<td><strong>ECO 2202 Principles of Microeconomics</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>ECO 2222 Mathematics for Economics and Finance</strong></td>
<td>[New Course] The core areas covered in this course include linear algebra, differential calculus and their most common applications in economics and finance. By learning these concepts students will gain the tools and confidence to better consumers of specialized economic and financial literature, which tend to be couched in mathematical and technical language. Pre-requisite: MAT 1101 or placement exam. 3 credits. Offered as needed.</td>
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<tr>
<td><strong>ECO 2303 Economic Issues Today</strong></td>
<td>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. Offered as needed.</td>
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<tr>
<td><strong>ECO 2306 Money and Banking</strong></td>
<td>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.</td>
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<tr>
<td><strong>ECO 3302 Economic Development of the United States</strong></td>
<td>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.</td>
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<tr>
<td><strong>ECO 3304 Political Economy of Development</strong></td>
<td>[New Title] 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. Offered as needed.</td>
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<tr>
<td><strong>ECO 3305/ICS 3305 European Economies</strong></td>
<td>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. Offered as needed.</td>
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<tr>
<td><strong>ECO 3306 Tracking the US Economy and Monetary Policy</strong></td>
<td>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. Fall semester.</td>
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<tr>
<td><strong>ECO 3307 Environmental Economics</strong></td>
<td>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. Offered as needed.</td>
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<tr>
<td><strong>ECO 3308 Urban Economics</strong></td>
<td>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.</td>
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<tr>
<td><strong>ECO 3309 Labor Economics</strong></td>
<td>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. Offered as needed.</td>
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<tr>
<td><strong>ECO 3310 Health Economics</strong></td>
<td>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.</td>
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<tr>
<td><strong>ECO 3313 Applied Statistics for Economics</strong></td>
<td>This course provides students with an introduction to the ways in which economists make use of data in the analysis of both</td>
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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.

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 2202 or ECO 2306 and MAT 1105 or higher. 3 credits. Every semester. “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 Public Economics
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. Offered as needed.

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. Offered as needed.

ECO 3403 International Economics, Trade, and Finance
[New Course Number] 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. Offered as needed.

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 and the neo-classical synthesis; Keynes and post-Keynesian economics; neo-liberalism. Prerequisites: ECO 2202, ECO 2306, and junior standing. 3 credits. Spring semester.

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. Every semester.

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. Offered as needed. “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 department Chairperson 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 their faculty mentor throughout the internship. Prerequisite: Chairperson’s approval. Open only to Economics majors. 1-3 credits. Offered as needed.

ECO 4995 Independent Study
Individual research and study with the approval of the department Chairperson. 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.

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.

**Graduate Course**

**ECO 6411 Concepts in Economic Analysis**

Advanced micro- and macroeconomic 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. Every semester.

**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**

[Updated Title and Description] Designed to provide 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 is placed on the social movements that have made improvements in equitable educational access, opportunity, achievement, and on teaching towards democratic ends. The course is open to all majors. A grade of B or higher is required for application the Teacher Education Program. This course includes 15 hours of field experience. 3 credits.

**ED 2020 Educational Psychology**

[Updated Description] Surveys research related to theories of cognitive development, student diversity, information processing, motivation, and classroom management in order to provide an introduction to effective instruction in the 21st century classroom. A grade of B or higher is required for application to the Teacher Education Program. This course includes 15 hours of field experience. 3 credits.

**ED 2040 Psychology of the Exceptional Child**

[Updated Title and Description] Considers the physical, intellectual, emotional, and social characteristics of the atypical child. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

**ED 2100 Assessment and Evaluation**

[Updated Description] Study of the basic principles, key measurement concepts, and practices of formal and informal assessment techniques to support educational needs in the classroom. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

**ED 3000 Teaching with Technology**

[Updated Description] Designed to instruct teacher candidates in the application of technology in support of instruction and learning across the P-12 curriculum. The objectives of the course are based, in large part, on the International Society for Technology in Education (ISTE) Standards for Learning, Teaching, and leading in the digital age. Prerequisites: none. 3 credits.

**ED 4350 Literacy Instruction for English Language Learners**

[Updated Title] Designed to prepare teacher candidates with the necessary competencies for meeting the instructional needs of linguistically diverse learners in the inclusive classroom. Topics to be explored include stages of language acquisition, language development, styles of communication, as well as strategies and instructional practices to help English Language Learners develop proficiency in all domains of language development—listening, speaking, reading, and writing — so that they may achieve academic success. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

**ED 4990 Supervised Student Teaching**

[Updated Description] The final, supervised clinical component of the teacher preparation program in a partner elementary, middle, or high school, as appropriate to the program of study. The experience supports theoretical and practical applications of contemporary curricular frameworks. Full-semester experience. 300 hours. Prerequisites: Gates I, II, III, IV; cumulative GPA of 3.0. 6 credits.

**ED 4995 Independent Study in Education**

[Updated Prerequisite] Independent work in an area of special interest. Special project, report, or term paper. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 3 credits.

**English [ENG] Courses**

*For specific course information, contact the English department in room 6011 or call 718.489.5284.*

**ENG 1000 Introduction to Digital Humanities**

How does digital representation work in the context of the Humanities? How is literary content created for digital media? Will digital media be the “death” of traditional print culture? This course will examine, through an interdisciplinary viewpoint rooted in the Humanities, the ways in which technology can be used to present, archive, locate and evaluate information. It will provide an overview of the Digital Humanities, using English literature as a foundation, and will also examine questions about the appropriate use of digital media in creative and academic projects.

**ENG 2000 Walt Whitman’s America**

Walt Whitman revolutionized American poetry with the publication of *Leaves of Grass* in 1855. This course will focus on the poetic career of Whitman, a 19th century resident of Brooklyn and lifelong devotee to American democracy. Special attention will be paid to Whitman in the context of metropolitan
New York. The course will examine Whitman’s poetic innovations through interdisciplinary study. Interdisciplinary topics will include history, psychology, politics, art, music, science, philosophy, and theology. We will discuss Whitman’s love of popular culture, his work as a journalist and novelist, his political activism and egalitarianism, and his revolutionary attitudes towards race, sex, class, and gender. We will also explore his philosophical and religious insights in the context of his work as a Civil War nurse and diarist. Field trips and walking tours will be included in the course. WRI 1100. 3 credits.

**Gateway Courses**

**ENG 2102 BRL Romanticism to Modernism**

Historical, cultural, and aesthetic study of literature, from the old English epic heroes Beowulf and Judith to more complex figures, personalities and subjects in the poetic and narrative voice. Prerequisite: WRI 1100. 3 credits.

**ENG 2110 AML Colonial to Renaissance**

This course surveys American literature from colonial settlement through 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, Douglass, Emerson, Thoreau, Stowe, Melville, Dickinson and Whitman. Prerequisite: WRI 1100. 3 credits.

**ENG 2115 BRL Epic to Novel**

Historical, cultural, and aesthetic study of lyric poetry, ballads, songs, and stories from the ancient Welsh tradition through the Renaissance and Romantic periods to contemporary pop with attention to nuance and development of the English language through the centuries. Prerequisite: WRI 1100. 3 credits.

**ENG 2120 AML Realism to Modernism**

This course is designed to give students an understanding of American literary history from the mid-nineteenth to the mid-twentieth century. As such, it begins where AML 2110 leaves off. We will begin with discussing the critique of writers of the American Renaissance and, in particular, American Romanticism. We will then discuss the rise of literary Realism and, later, Naturalism. Then, using one or two authors as transition figures, we will discuss the rise and triumph of American Modernism, with particular emphasis on the subjective narrator, and, to use Willa Cather’s words, the shift away from the “cluttered” descriptive style of realism to the inexplicable presence of the thing not named. In the last week or so, we will glimpse ahead at what comes next and explore some definitions of Postmodernism. Reading some shorter works by later 20th century authors, we will ask how Postmodernism both continues and critiques Modernism. The course will use multiple genres of literature. Prerequisite: WRI 1100. 3 credits.

**Literature Electives**

**ENG 2125 AML Immigrant Literature**

This course explores multiple immigrant experiences in the 19th, 20th, and 21st centuries. American readings in literature, history, and other nonfiction are examined in the context of ongoing discussions about the construction of the notion of “America” and what it means to “become American,” including the influences of race class, and gender on constructions of identity. Prerequisite: WRI 1100. 3 credits.

**ENG 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.

**ENG 2135 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.

**ENG 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.

**ENG 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 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.

**ENG 2150 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 masculinity and femininity in an attempt to uncover how these texts present both “acceptable” and marginalized gender roles. We will also discuss the new ideal of gender fluidity and opposition to gender conformity and heteronormative sexuality. Prerequisite: WRI 1100. 3 credits.

**ENG 2175 Native Peoples and Explorers**

[Updated Title] Early diaries of explorers, missionaried and travelers 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. 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.
ENG 2220 International War Literature
This course surveys war literature from ancient battles to contemporary global conflicts. Prerequisites: WRI 1100. 3 credits.

ENG 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.

Literature Electives
ENG 2550 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.

ENG 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. Murrow’s broadcasts from London during the Blitz. American Letters saw the publication of John Crowe Ransom’s 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 understanding of the singular nature of the American experience in the 1940s. Prerequisite: WRI 1100. 3 credits.

ENG 2570 Contemporary American Literature
[Updated title] 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.

ENG 2580 American Literature: 1950–2001
Cold War politics, Civil Rights and the Women’s Movement, the Vietnam War, the “Me” Generation, Wall Street, Cyberspace. How did U.S. writers and artists respond to all this? This course investigates how poets, fiction writers, and playwrights dealt with some of the major questions of their generation. Works may include poets Allen Ginsberg, Anne Sexton, W.S. Merwin, and Rita Dove; fiction writers James Dickey, Bernard Malamud, James Baldwin, Flannery O’Connor, Raymond Carver, Toni Morrison, and Octavia Butler; and playwrights Arthur Miller, Amiri Baraka, Edward Albee, and Anna DeVeare Smith. Prerequisite: WRI 1100. 3 credits.

ENG 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.

ENG 2600 American Poetry
Arguably, contemporary American poetry stems from the aesthetic innovations of two master poets: Emily Dickinson and Walt Whitman. Over time, building upon Dickinson’s and Whitman’s work, poets in the United States developed a thriving, diverse and purely American poetics. This course provides an overview of American poetry from its beginnings through the 21st Century. Prerequisite: WRI 1100. 3 credits.

ENG 2602 Classical Mythology
This course surveys the evolution of ancient Greek and Roman beliefs about gods, heroes, monsters and the creation of the universe, and considers the continuing influence of these archetypes and myths on the art, literature and culture of the Western world. Theories regarding the purpose and function of myth are also explored. Readings include both ancient texts and secondary sources. Prerequisite: WRI 1100. 3 credits.

ENG 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.

ENG 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.

ENG 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.
ENG 2700 Drama Survey I
This course will survey plays from world drama and theatre traditions from the ancient Greeks and Romans to the early nineteenth century. Readings will include such plays as Oedipus Rex, Lyistrosatra, The Second Shepherd's Play, Volpone, School for Scandal, and Faust. Students will attend at least one live performance. Prerequisite: WRI 1100. 3 credits.

ENG 2730 Drama Survey II
This course will survey plays from world drama and theatre traditions from the late nineteenth century to contemporary. Readings will include such plays as A Doll House, Trifles, Six Characters in Search of an Author, A Streetcar Named Desire, The Laramie Project, and A Raisin in the Sun. Students will attend at least one live performance. Prerequisite: WRI 1100. 3 credits. Spring 2010.

ENG 2815 Sports and American Culture
[Updated from ENG 3210] This course takes an interdisciplinary look at American sports writing and film as important American cultural expression. Possible focuses include but are not limited to: baseball, football, basketball, and the Olympic Games. Prerequisite: Any ENG course 2000 or higher. 3 credits.

Advanced Electives

ENG 3110 Women and Modernism
[Updated title] Some of the most highly praised and canonized women authors emerged during the modernist period. This course investigates their literature and thinks about why this is such a fruitful literary period for them. While the authors 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. Any ENG course 2000 or higher. 3 credits.

ENG 3112 American Modernism
[Updated title] 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 ENG course 2000 or higher. 3 credits.

ENG 3113 Postmodernism
Postmodernism is the term used to describe art and literature after the 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 authors such as John Updike, Paul Auster, and other writers or artists routinely identified as postmodernist. Prerequisite: Any ENG course 2000 or higher. 3 credits.

ENG 3115 From Detective Fiction to Romance Novels
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 ENG course 2000 or higher. 3 credits.

ENG 3130/SOC 3130 Crime, Justice, and 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 or any ENG course 2000 or higher. 3 credits.

ENG 3140 British Romanticism
[Updated title] 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 Rubaísíat of Omar Khayyám). Readings could also include prose by William Hazlitt, Thomas De Quincey, and Mary Wollstonecraft Shelley (Frankenstein). Prerequisite: Any ENG course 2000 or higher. 3 credits.

ENG 3145 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 ENG course 2000 or higher. 3 credits.

ENG 3155 BRL Victorian literature
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 ENG course 2000 or higher. 3 credits.

ENG 3220 18th Century British Literature
The novel emerges as a genre in the 18th Century and appeared in many forms: diaries, pseudo-biographies, epistolary exchanges, educational tales, and travel narratives or combinations of all of these. The course will examine the development of the novel in British Literature but will also look at some European works and focus on notions and perceptions of sensibility as they are demonstrated in the correspondence and in the relationships between characters in
the novels. We will also trace the change from works of realism such as The Sorrows of Young Werther to Gothic romances like The Castle of Otranto. Prerequisite: Any ENG course 2000 or higher. 3 credits.

**ENG 3230 Postcolonial Literature**

This course explores the literatures and cultures that arose as a result of English colonial domination. The postcolonial issues of hybridity, unhomness, indigenous essentialism, and contestedness of the English language, among others, are explored. Literature and theoretical readings may include works by Naipaul, Hulme, Mulherjee, Ondaatje, Achebe, Friel, Rushdie, Bhabha, and Said. Prerequisite: Any ENG course 2000 or higher. 3 credits.

**ENG 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 ENG course 2000 or higher. 3 credits.

**ENG 3504 American Drama**

[Renumbered from DRA 3504] This course examines the development of American drama; the great age of innovative American drama and theater practice; and the great theater houses. Playwrights may include O'Neill, Miller, Williams, Mamet, Albee, among others. The class attends a live performance. Prerequisite: Any ENG course 2000 or higher. 3 credits.

**ENG 3601-3630 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 ENG course 2000 or higher. 3 credits.

**ENG 3631-3650 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 ENG course 2000 or higher. 3 credits. Offered as needed.

**ENG 3604 Darwin and Science Writing**

A reading of On the Origin of Species (1859, first edition, complete text) by Charles Darwin, in the context of selections from Genesis, William Paley (Natural Theology), Jean-Baptiste Lamarck, Herbert Spencer, Thomas Malthus, Charles Lyell, Alfred Russel Wallace, and T.H. Huxley. The emphasis of the course, however, is on Darwin’s work, and so we will also read a very brief selection from Darwin’s The Descent of Man (1871). While the course is open to all majors, it has been designed with science majors in mind (particularly biology), since they might not have a chance, otherwise, to read (in the context of the period and other writings) what Darwin and Wallace mean in saying: evolution by means of natural selection of traits and characteristics through adaptive processes. Although literary elements might be discussed, the course (having a scientific audience in mind) will focus on rhetorical devices (such as substantive and evaluative claims; ethos, pathos, and logos; enabling assumptions and addressing opposition), the elements of argument, and how one assembles evidence in making a series of claims. For their documented essay, students will be encouraged to read science papers in current journals, as well. As a naturalist, Darwin’s writings offer an excellent grounding in the fundamentals of how to observe the diversity of life and how to make inferences about the origins and survival mechanisms of such. Prerequisite: Any ENG course 2000 or higher. 3 credits.

**ENG 3651-3670 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 ENG course 2000 or higher. 3 credits.

**ENG 3671-3690 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 ENG course 2000 or higher. 3 credits.

**ENG 3740 Irish Drama**

The development of Irish drama and theatre spans both Ireland and America. It encompasses not only reflections of Irish culture, but also debates about what Irish culture and identity comprise. Students will learn about Ireland’s 110 year old Abbey Theatre, the major catalyst for a distinctly Irish drama, and readings will include such plays as The Rising of the Moon, The Playboy of the Western World, John Bull’s Other Island, A Long Day’s Journey Into Night, Translations, and The Weir. Students will attend at least one live performance (Irish Repertory Theatre). Prerequisite: Any ENG course 2000 or higher. 3 credits.

**ENG 3750 Women Playwrights**

Women have a long history of writing for performance. This course will introduce students to early playwrights such as Hrotsvitha and Aphra Behn and then focus on modern and contemporary playwrights such as Sophie Treadwell, Susan Glaspell, Lorraine Hansberry, Caryl Churchill, Ama Ata Aidoo, Yasmina Rez, Sarah Ruhl, Anna Deavere Smith, and Suzan-Lori Parks among others. Students will attend at least one live performance. Prerequisite: Any ENG course 2000 or higher. 3 credits.

**ENG 3801-3830 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 ENG course 2000 or higher. 3 credits.

**ENG 3840-3860 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 ENG course 2000 or higher. 3 credits

ENG 3870-3890 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 ENG course 2000 or higher. 3 credits.

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, formal research papers and reports are regular parts of the course. Prerequisite: Five ENG courses 2000 or higher. 3 credits.

ENG 4400-4499 Tutorials
Tutorials are gatherings of a small number of students who explore a topic created by a professor in the English department. Students interested in pursuing research, discussion, and analysis of a particular idea are invited to speak with an English faculty member to find out the expectations for tutorial and how student work is assessed. Typically professors who are working on research or an academic project offer opportunities for interested students to join them. Prerequisite: Chair’s approval. 3 credits.

Entrepreneurship [ENT] Courses
Business courses appear as Business [BUS], Entrepreneurship [ENT], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], Project Management [PM] and Sports Management [SPM]. 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 718.489.3463.

ENT 1001 Introduction to Entrepreneurship
[Updated course description] This course is designed for business and nonbusiness students who want to learn about entrepreneurship and its importance to the economy and society, entrepreneurial skills, values and characteristics to create their own job inside and outside the corporate world. This course teaches transferable skills required to become an entrepreneur, a small business owner or an entrepreneur, and raises the student's awareness of the legal, business, managerial, creative, analytical and interpersonal skills relevant to setting up and running an innovative organization. 3 credits. Offered every semester.

ENT 2001 Entrepreneurial Marketing and New Product Innovation
[Updated course description] The objective of this course is to demonstrate and understand that exploiting a new opportunity is a process that can be planned, resourced, and managed. To start a successful business, an entrepreneur must exercise motivation as well as innovation and managerial skills. Students will conduct market analysis, industry analysis, competitive analysis, and risk analysis and define the value proposition of their new venture. Prerequisites: ENT1001. 3 credits. Offered every semester.

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 guide a semester's activity on the subject. Specific guidelines for an 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 ENG or WRI courses 2000 or higher, cumulative index of 3.0 or higher, and Chair’s approval. 1-3 credits.

ENG 4997 Senior Thesis
A senior thesis, required for all English majors, is proposed via a formal thesis proposal during the last semester of the student’s junior year. At the same time, a proposed bibliography, approved 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: One English course 4000 or higher, and Chair’s approval. 3 credits.

ENG 5400-5499 Honors Topics in Literature
These courses explores specific, identified topics in the discipline of literature. The subject matter will be selected by the instructor prior to registration, with the approval of the department Chair. Prerequisite: Open to Honors students. 3 credits.
for profit and nonprofit companies. Students will explore the use of Franciscan values in developing social enterprises. Prerequisites: ENT1001. 3 credits. Offered as needed.

ENT 3003 Using Technology in Entrepreneurship
[Updated course description] This course will provide an overview of the relevance of technology to the success of new ventures, and highlight specific technology tools, including financial management software, website development services and programs, e-commerce, and social media and e-marketing tools that are crucial for entrepreneurs in any industry. Prerequisites: ENT1001. 3 credits. Offered as needed.

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.

FA 1100-1199 Special Topics in Fine Arts
The courses explore specific topics in the discipline of Fine Arts which are not covered in regular coursework. The content remains flexible in response to departmental interests. 3 credits. Offered as needed.

FA 1401 Music of the Western World
This listening-intensive course will introduce students to the elements of music, with emphasis on rhythm, melody, harmony, and texture. It will also examine important styles in European music from the Middle Ages to the present. Composers whose works are studied include Hildegard of Bingen, Palestrina, Bach, Handel, Haydn, Mozart, Beethoven, Schubert, Clara Schumann, Chopin, Verdi, Wagner, Stravinsky, Copland, Ginastera, and John Adams, among others. Lectures are supplemented with recordings, audio-visual material, and concerts. 3 credits. Every semester.

FA 1402 Orientation in Art
A survey of major movements in art and visual culture from ancient times to the present, this course provides an overview of painting, sculpture, architecture, as well as photography and new media, and teaches students the tools of formal analysis. Students will study the many different roles of artists and functions of art making. Class lectures are supplemented by museum assignments and a trip to a work of public art or a museum. 3 credits. Every semester day and evening.

FA 1403 Music of Many Cultures
This course is an introductory survey of music traditions throughout the world, including all five continents and Oceania. The content is organized by geographic regions and will focus on specific societies and how they use and interact with music. It will also examine how music intersects with literature, dance, art, religions, and culture in general. This will be accomplished through a combination of lectures, guided listening, projects and assignments, and class discussions, leading to a better understanding of the cultures themselves. 3 credits. Every semester.

FA 1404 American Music
The course is an introductory, one-semester survey of American music, presented as three distinct yet parallel streams--folk, popular, and classical--that reflect the diverse character of the United States. Comparing and contrasting musical styles across regions and time that arise out of the history and musical traditions of the many immigrants to America will lead to a better understanding of both the diversity and the inter-relationships of the cultures that are a part of the American experience. This will be accomplished through a combination of reading, lecture, guided listening, projects, assignments, and class discussion. 3 credits. Every semester.

FA 1405 Fundamentals of Music Theory
Fundamentals of Music Theory is a general course in learning to read and write musical notation, incorporating elementary work in writing melodies, rhythms, scales, and harmony. 3 credits. Offered as needed. Every semester.

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 class introduces students to the arts of the United States by studying painting, sculpture, architecture, and other media in the context of social, cultural, and political developments in U.S. history. Students will examine how the meanings of American art are not only a function of its subject or content, but also of where it is produced, how it is disseminated, where it is displayed, and the identity of the artist. 3 credits. Every semester; day.

FA 2002 History of Photography
[New Course] This course provides an overview of the cultural, material, technological, and artistic history of photography from 1839 to the present. It places an emphasis on photography as a technology dependent on social interaction, mediation, and the public sphere. Although students will be expected to gain general knowledge of photographic processes, the main focus will be how photographs convey meanings through their formal elements, historical context, dissemination, and reception. In addition to looking at photographs online and in digital archives, the class will visit the Brooklyn Historical Society to study first hand examples of early photographic formats as well as exhibits of modern and contemporary photography at galleries and museums in New York City. Prerequisites: FA 1402 or FA 1420. 3 credits. Offered as needed, day.
FA 2100 Beginning Guitar
Students will learn the fundamentals of playing the guitar and how to apply basic music theory. Skills developed will include right- and left-hand technique, strumming patterns, and picking. Students will learn to play and understand chords, scales, and arpeggios; read music notation and guitar tablature; analyze basic song forms; and improvise. By exploring solo and accompaniment work, students will learn how to use their skills in solo and ensemble settings. 3 credits. Every semester.

FA 2403 Twentieth Century Art
Twentieth-century art is characterized by change and experimentation. This course examines how twentieth-century artists responded to a rapidly modernizing environment by questioning art’s role in society. It surveys the visual arts of the twentieth century beginning with the late nineteenth-century origins of modernism, continues through the postwar period and postmodernism, and concludes by signaling trends in contemporary art. In addition to major developments in painting, sculpture, and architecture, other art forms covered may include photography, performance, and mixed media. Works of art will be studied as individual objects with intrinsic aesthetic appeal and as expressions of broader artistic, social, and political concerns. New York museum and gallery exhibitions will be drawn upon as a point of departure for class discussions and assignments. Prerequisite: FA 1402 or FA 1420. 3 credits. Every semester.

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. Prerequisites: FA 1402 or FA 1420. Lab fee. 3 credits. Every semester.

FA 2407 Art and Archeology in Latin America
A survey of the art and archeology of the pre-Columbian 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 2408 Commemorative Practices in the United States
This course examines the concept of “cultural memory,” how it relates to history, and how it is produced by objects, images, and representations. The class places an emphasis on how memories and tributes have been given physical form in monuments, souvenirs, and photographs, but considers other commemorative practices like oral histories and film. The histories and debates surrounding a number of major memorials will be studied in depth. The class will visit at least two memorial sites in New York. Prerequisites: AMS 1001 and WRI 1100. 3 credits. Offered as needed.

FA 2409 Art of Social Change
This class covers the history of the art of social change, moving chronologically from the visual culture of abolitionism to later 20th-century topics such as feminist art, the art of war protest, 1980s artists’ collectives, and contemporary “social practice” art. The class will investigate the activist potential of media such as photography, murals, performance, and augmented reality. Prerequisites: AMS 1001, FA 1402 or FA 1420. 3 credits. Offered as needed.

FA 2410 Art in New York City
[New Course] This course offers students the opportunity for in-depth study of New York museum and gallery exhibitions. Art works will be the primary sources that students examine onsite first hand, along with the contextual and historical framework provided by the exhibitions’ curators. Exhibitions at nearby museums and galleries, such as the Brooklyn Museum, the International Center of Photography on the Lower East Side of Manhattan, BRIC gallery on Fulton Street, Smack Mellon gallery in DUMBO, and the Whitney Museum of American Art, will determine the specific focus of the course. Students will develop an interpretive final project (such as an exhibition tour or public program and/or community outreach proposal). Class meetings will regularly take place off campus at galleries, museums, and at public art installations, and students will be required to take public transportation to sites that are not within walking distance from campus. Prerequisite: Any 1000 FA course. 3 credits.

FA 3210 Women in the Arts
The liberal arts 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 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 of the following courses: FA 1401 and FA 1402. 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. Offered as needed.

FA 3413/ICS 5307 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.

FA 3416 Early and Medieval Christian Art
This course focuses on the development of the arts within the Church from the fourth to the 14th century. It begins with an introduction to common symbols and themes used in the arts of
the period and progresses to the study of painting, sculpture, and architecture. Particular emphasis is placed on the evolution of these art forms from the early Christian period through the Gothic. Decorative and functional objects such as stained-glass windows and reliquaries are examined for their style and purpose. Prerequisite: FA 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 5406 Ancient Egyptian Art (Honors)
A study of Ancient Egyptian architecture, sculpture, painting and crafts from the first through the twenty-second dynasties. Factors contributing to the art of the Old, Middle and New Kingdom will be analyzed, including Ancient Egyptian geography, history, culture, literature, and mythology. Illustrated lectures, classroom discussions, readings, and museum visits will be included. 3 credits. Spring semester.

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 Honor Students. 3 credits. Offered as needed day.

FA 5415 Opera as Drama
This seminar focuses on a group of operatic masterpieces currently performed in NYC by such composers as Monteverdi, Handel, Mozart, Verdi, Wagner, Puccini, and Berg. Both the music and the libretti 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 Honor Students. 3 credits. Offered as needed; day.

FA 5417 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, W.E.B. Du Bois, Langston Hughes, Zora Neale 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 Honor 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 Honor Students. 3 credits. Offered as needed.

FA 5441 Music, Art & Architecture in Venice and the Veneto
[new course] Students will demonstrate through discussion and writing the ability to place Venice, a country once the center of a powerful empire, within the context of the history and traditions of Europe. Music, painting, sculpture, architecture of Venice as well as cities of the Veneto are examined in an historical perspective. Classes are supplemented by slides, films, and a field trip. Prerequisite: Open to Honor Students. 3 credits. Offered as needed.

Finance [FIN] Courses

Business courses appear as Business [BUS], Entrepreneurship [ENT], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], Project Management [PM] and Sports Management [SPM]. 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 718.489.3465.

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 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. Prerequisite: BUS-1001 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: FIN-3301 or FIN-3316. 3 credits. Offered as needed.

FIN 3341 Property and Liability Insurance
This course will provide an introduction to the fundamentals of insurance, basic insurance operations such as underwriting, marketing, and claims. This course also provides students with an understanding of insurance contracts, loss exposures, and risk management. Prerequisites: FIN 3301 or FIN 3316. 3 credits. Offered as needed.

FIN 3342 Personal Insurance
This course analyzes personal loss exposures and insurance coverage, including homeowners dwelling and contents, personal liability, inland marine, auto, life, health and government programs. This course will develop a concept of personal risk management and how insurance products can be used to reduce risk. Prerequisites: FIN 3301 or FIN 3316. 3 credits. Offered as needed.

FIN 3343 Commercial Insurance
This course provides an overview of commercial insurance in general, and a more detailed description of the coverages in all of the major lines of commercial insurance. The course will also cover general contract provisions and highlight significant coverages, exclusions and conditions. The interrelationship of the provisions within the general commercial contract are explained. Prerequisites: FIN 3301 or FIN 3316. 3 credits. Offered as needed.

FIN 3351 Advanced Finance
A survey of theoretical concepts that are commonly discussed in several key subfields within Finance. For example: 1) the history of money and the evolution from Fixed Exchange Rate systems to Floating Rate systems within the study of International Finance, 2) a presentation of some traditional Investment models in the study of Macroeconomics as a contrast to the notion of Investment within the study of Finance and 3) The Efficient Markets Hypothesis in contrast to the Financial Crisis Theories of Hyman Minsky. There is also a discussion of the application of Time Value analyses for valuing Financial Instruments as well as for decision-making within the process of Capital Budgeting. This is usually followed with a discussion of analytical techniques used in understanding the role of Risk such as Markowitz Analysis and the Capital Asset Pricing Model. Finally, the analysis of the use derivatives such as Options, Futures and Swaps with an exposure to the Black Scholes Option Pricing Model. Prerequisite: Fin 3301. Offered Spring semester, Fall.

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.
FIN 6001 Corporate Finance
[New Course] This course will provide an introduction to business finance, including corporate financial management and investments. It will provide a framework and introduce concepts and tools for analyzing financial decisions using principles of modern financial theory. Topics will include discounted cash flow techniques, corporate capital budgeting and valuation, investment decisions, financial asset pricing, and theory of market efficiency. Prerequisite: ACC 6601. 3 credits. Offered as needed.

FIN 6501 Advanced Finance
A survey of theoretical concepts that are commonly discussed in several key subfields within Finance. For example: 1) the history of money and the evolution from Fixed Exchange Rate systems to Floating Rate systems within the study of International Finance, 2) a presentation of some traditional Investment models in the study of Macroeconomics as a contrast to the notion of Investment within the study of Finance and 3) The Efficient Markets Hypothesis in contrast to the Financial Crisis Theories of Hyman Minsky. There is also a discussion of the application of Time Value analyses for valuing Financial Instruments as well as for decision-making within the process of Capital Budgeting. This is usually followed with a discussion of analytical techniques used in understanding the role of Risk such as Markowitz Analysis and the Capital Asset Pricing Model. Finally, the analysis of the use derivatives such as Options, Futures and Swaps with an exposure to the Black Scholes Option Pricing Model. Prerequisite: Fin 3301. 3 credits. Offered Spring semester, Day.

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]. 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.

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.

FIT 1106 Floor Hockey Skills Activities
Floor hockey for fitness and health. Students will play, practice, and learn how floor hockey can improve strength, endurance and flexibility. 2 credits.

FIT 1121 Beginning Swimming
Basic instruction in swimming for non-swimmers. 2 credits.

FIT 1122 Water Safety Instruction
Students work toward an American Red Cross Water Safety Instructor Certificate. Prerequisite: Advanced swimming ability. 2 credits.

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.

FIT 1132 Basic Yoga
[Updated Description] Yoga postures and breath control for enhanced flexibility, strength and endurance to improve mind and body wellness. 2 credits.

FIT 1141 Fencing
[Updated Description] Students are introduced to basic fencing techniques, tactics, and conditioning exercises. Students apply their knowledge and skills in a competitive tournament. 2 credits.

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.

FIT 1144 Toning and Abdominal Conditioning
Toning and abdominal exercise conditioning program that slims, tightens, and firms the midsection. Exercise, diet, and healthy nutritional tips will be discussed. 2 credits.

FIT 1145 Dance and Rhythmic Skills
Students will experience, learn and engage in basic dance, rhythm, and movement activity that can be used to maintain lifelong health and wellness. 3 credits.

FIT 1146 Creative Dance
Requires no choreographic experience. Various musical pieces and simple everyday movements like walking, swaying, bending and flexing will be combined to create stories, mimic nature, and express emotion. 2 credits.

FIT 1147 Introduction to Ballet
A beginner ballet class for all abilities. Basic low intensity ballet movements will be practiced to enhance strength, flexibility, fitness, and overall health. 2 credits.

FIT 1152 Exercise Training
Students gain training experience, improved conditioning, and instructional skills in a wide variety of fitness activities that encompass the aerobic, anaerobic, and muscular system. 3 credits.

FIT 2000 Lifeguard Certification
Lifeguard training course provides the student with the skills necessary to attain American Red Cross Life Guard Training certification. Such certification includes Lifeguarding, First Aid, Cardio Pulmonary Resuscitation and AED skills. Possession of this certification will allow the recipient to work as a professional lifeguard. Prerequisite: FIT-1121. 2 credits.
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 Lower Beginning French
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 Upper Beginning French
Continuation of FRE 1101. Prerequisite: FRE 1101. 3 credits. Every spring; day.

FRE 2103 Lower Intermediate French
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 Upper Intermediate French
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
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
### Greek [GRK] Courses

**GRK 1101/REL 2110 Biblical Greek I**  
An introduction to the study of Biblical Greek vocabulary and grammar. Students are enabled to translate basic texts from the New Testament and the Septuagint. 3 credits. Offered every semester.

**GRK 1102/REL 2111 Biblical Greek II**  
An introduction to the study of Biblical Greek vocabulary and grammar. Students are enabled to translate basic texts from the New Testament and the Septuagint. Prerequisite: GRK 1101. 3 credits. Offered every semester.

### Health Care (HC) Courses

**HC 1001 Introduction to American Health Service Delivery I**  
A foundation course that is an introduction to the pluralistic health system of 21st century America; institutions, personnel, consumers, financing, and government. Survey topics covered in higher-level courses, as well as describe the broader environment in which individual health services are grounded. Topics include public, private, and voluntary health care services; the impact of laws and regulations at the local, state, and federal levels; the public health hierarchy; the influences of fiscal intermediaries on health care. 3 credits. Offered as needed.

**HC 1003 Introduction to Gerontology**  
An overview of issues concerning the aging population and process; stereotypes, retirement issues, physical and psychological changes, legal and financial needs, family supports. Traditional facilities as well as innovative concepts and programs are introduced. 3 credits. Offered as needed.

**HC-2001 Organization and Management of Health Institutions**  
Introduction to basic organization with emphasis on acute-care hospitals and departmental structure. The managerial functions and supervisory skills for the middle manager; comparison of managerial styles. Pre-requisite: HC 1001 with a grade of C or higher. 3 credits. Offered as needed.

**HC 2002 Legal Issues in Health Care**  
An overview of legal issues confronting health care personnel. Topics include contracts, informed consent, patient rights, record keeping, liability for negligence and malpractice, as well as other ethical topics. Pre-requisite: HC 1001 with a grade of C or higher. 3 credits. Offered as needed.

**HC 2003 Decision-Making in Health Field**  
An in-depth workshop approach to management problems in health care delivery. The emphasis is on case study and an experiential method of problem-solving. Specific cases will be used to illustrate problem-solving and decision-making techniques of practical use to health care professionals. Interpersonal skills and group dynamics are also developed. Pre-requisite: HC 1001 with a grade of C or higher. 3 credits. Offered as needed.

**HC 3001 Personnel Management in the Health Field**  
Introduction to the effective management of human resources. Topics covered include recruitment, training and supervision, discipline, evaluation, and termination. The course applies personnel theories and techniques to the health field. Pre-requisite: HC 1001 with a grade of C or higher. 3 credits. Offered as needed.

**HC 3002 Health Planning and Research**  
Students will examine and analyze the health care research literature with an emphasis on understanding and then applying statistics in novel health care situations. Pre-requisite: HC 1001 with a grade of C or higher; and MAT 2301. 3 credits. Offered as needed.

**HC 3003 Evaluation and Quality Assurance in Health Care**  
Introduction to the efforts to assure quality in health services, professionals, and institutions; peer review, utilization review, medical audit, credentialing and continuing education, accreditation. diagnosis-related groups or DRG’s, ambulatory payment classifications or APC’s, Medicare and Medicaid reimbursements, Accountability within professions vs. external controls. Evaluation models as applied to health programs and services. Pre-requisite: HC 1001 with a grade of C or higher; and MAT 2301. 3 credits. Offered as needed.

**HC 3004 Financial Management for the Health Field**  
Survey of the principles of accounting theory with emphasis on their application to the health field. Managerial accounting as it relates to planning, budgeting, staffing, and rate setting. Designed for the middle manager. Pre-requisite: HC 2001. 3 credits. Offered as needed.

**HC 3005 Long-term Care Management**  
The principles, skills and knowledge involved in organizing and managing a long-term care facility. Special attention is given to the needs of the aged in various levels of care, financing mechanisms, federal, state, and local regulations, and criteria/standards which must be met to secure licensure in New York State as a nursing home administrator. Pre-requisite: HC 1003 and HC 2001. 3 credits. Offered as needed.

**HC 3006 Alternate Care for the Aged**  
This course includes learning about topics such as Elderly Waiver (EW) and Alternative Care (AC) programs that fund home and community based services (HCBS) for people age 65 and older who may need the level of care provided in a nursing home, but choose to live in the community. Case management, home health care, and special provisions such as respite care will
be covered Pre-requisite: HC 1003 and HC 2001. 3 credits. Offered as needed.

**HC 3007 Mental Health: Concepts and Administration**
A study of basic principles of mental health, as well as an overview of maladjustment. Programs, treatment modalities, facilities designed to maintain or restore mental health, and long-term custodial institutions will be discussed. Pre-requisite: HC 2001 and PSY 1100. 3 credits. Offered as needed.

**HC 4995/6 Independent Study I/II**
Independent investigation into selected topics in health care management under the direction of a department faculty member. Pre-requisite: 15 credits in HC courses with “B” average and Departmental approval. 3 credits.

**HC 4990/1 Field Placement in the Health Field I/II**
Observation and supervised experience in selected health care settings; participation in administrative meetings and training sessions. Includes on-campus seminar to discuss problems and progress. May be taken for two semesters with the approval of the approval of the chairman only. Pre-requisite: Senior standing, 15 credits in HC courses with “B” average and Departmental approval. 3 credits.

**HC 4998 Senior Seminar**
Senior seminar dealing with the ethical aspects of current issues in the health field. Topics may include organ transplantation, managed care, informed consent, confidentially of patient records, reproductive technology, genetic research, and whistle blowing. Designed to be taken in the student's final year, this course is the capstone experience for both content and skills. Fulfilling the college requirement of a comprehensive project, each student will make a major presentation and write a mid-length thesis-quality paper. Taken in the last semester, with the approval of the chairman. Pre-requisite: Senior standing, and Departmental approval. 3 credits.

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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.

**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.

**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.

**HC 6001 U.S. Health Care Delivery and Markets**
This course will explore the U.S. health care industry, one of the most controversial and changing industries in the global economy. Topics of discussion will include characteristics of the components of U.S. health care systems, the roles of the public and private sector, the impact of managed care, health care markets, and health care reform strategies. 3 credits. Offered as needed.

**HC 6002 Leadership and Innovation in Health Care**
This course will explore how leaders develop and implement innovations in health care. Topics will include design thinking, evaluating new opportunities, leadership theories, overcoming organizational resistance to change, and the roles of entrepreneurship and intrapreneurship and reforms in the current health care environment. Prerequisite: HC 6001. 3 credits. Offered as needed.

**HC 6003 Health Care Finance**
This course will explore health care financial management and reimbursement systems in the U.S. Students will focus on the practical application of financial concepts and skills in health care settings. Topics will include third-party payers, Medicare/Medicaid payments, managing working capital, resource allocation, and the impact of local and federal health care reforms. Prerequisites: ACC 6001 and FIN 6001. 3 credits. Offered as needed.

**HC 6004 Special Topics in Health Care**
This course will explore specific, identified topics in health care management. The subject matter will be chosen by the instructor prior to registration, with the approval of the department chair. Topics may include information technology, marketing, project management, or other contemporary concerns in health care management. 3 credits. Offered as needed.
announced prior to registration; consult the department for a syllabus and further details. Prerequisite: HIS 1201. 3 credits. Offered as needed.

**HIS 2106 Balkans History**
This course is an overview of the social, economic, political, and cultural history of southeastern Europe, starting with the Ottoman conquest in the 15th century and ending with the post-communist transitions after 1989. Course emphasizes the Ottoman millet system, village household structure, the practice of multiple religions, the influences that various Euro-Asian empires had on this region, the rise of regional and Mediterranean trading networks, 19th-century national revolutions, pre-World War I modernization without industrialization, the state socialist system, and the challenge of post-socialist European integration. Prerequisite: HIS 1201. 3 credits. Every semester; day and evening. [Europe]

**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. [United States]

**HIS 2202 Ancient History**
[Renumbered from HIS 3202] 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. [Europe; Global]

**HIS 2301 Medieval History**
[Renumbered from HIS 3301] 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. [Europe]

**HIS 2303 The World in the 20th and 21st Centuries**
A study of the evolution of the nation-state system in the 20th – 21st century. Concepts such as imperialism, nationalism, fascism, communism, neocolonialism, power politics and containment are studied. 3 credits. Prerequisite: HIS 1201. Offered as needed. [Global]

**HIS 2310 Latin American History**
[Renumbered from HIS 3310] A survey of Latin American history from pre-conquest days to the present. Prerequisite: HIS 1201. 3 credits. Offered as needed. [Global]

**HIS 2314 Topics in Public History**
[Renumbered from HIS 3314] This course introduces students to many fields of public history through field trips, readings and discussion on best practices, issues, and theories of public history, and engagement in a public history term project. Students will meet public history practitioners in a range of fields, learn about methods, and gain exposure to a range of career opportunities that draw on their academic knowledge of the past. In addition, the students will acquire public history experience by conducting an oral history project with a member of the St. Francis College community that will become a part of a multi-year St. Francis College Oral History Project digital exhibition. Prerequisite: HIS 1201. 3 credits. Offered as needed.

**HIS 2335/PSC 2335 Political Themes in American Films**
This course examines 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. 3 credits. Offered as needed. [United States]

**HIS 2401 History of the U.S.: The Age of Discovery–1789**
[Renumbered from HIS 3401] 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. Every semester. [United States]

**HIS 2402 History of the United States: 1789–1896**
[Renumbered from HIS 3402] 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. [United States]

**HIS 2403 Early Modern European History: 1560–1763**
[Renumbered from HIS 3403] 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. [Europe]

**HIS 2404 Modern European History: The Long Nineteenth Century**
[Renumbered from HIS 3404] This course examines European history during what is often referred to as the “long nineteenth century,” a period that began with the French Revolution in 1789 and ended with the outbreak of World War I in 1914. Many important changes took place in Europe during this period: everything from industrialization and the creation of the modern nation-state to the great expansion of European power around the globe and emergence of new intellectual movements such as romanticism, liberalism, and nationalism. 3 credits. Every semester Prerequisite: HIS 1201. 3 credits. Offered as needed. [Europe]

**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. [United States]
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. Offered as needed. [United States]

HIS 3308 History of Sexuality
[New Course] This course explores the global history of sexuality, with an emphasis on cultural and social ideas about sex, gender, and sexuality; the scholarship of sexuality; the relationship between sexuality, politics, and the economy; and how sexuality coincides with other analytical frameworks including class, race, and religion. The course will move from 1500 to the present, and will address the history of sexuality around the world. Prerequisite: HIS 1201. 3 credits. Offered as needed. [Global]

HIS 3311 African-American History
A study of African-American life, with emphasis placed on the African-American experience in the United States during the 20th century. Prerequisite: HIS 1201. 3 credits. Offered as needed. [United States]

HIS 3312 Renaissance and Reformation
This course surveys the religious, cultural, social, and political history of Europe from 1350 and 1560, a time that was marked by two pivotal movements: the Renaissance and Reformation. This was also a period of transition, as the medieval period ended and the (early) modern period began. The course covers such topics as the growth of humanist attitudes, Renaissance art, European exploration and exploitation of the New World, the various religious groups that emerged out of the Protestant Reformation, and the Catholic Reformation. Prerequisite: HIS 1201. 3 credits. Offered as needed. [Europe]

HIS 3315 Women in the 20th Century World
This course provides students with an introduction to comparative women's history in the twentieth century. Moving thematically and geographically, the course examines how women both influenced and responded to major political, cultural, and social trends around the world, including efforts for suffrage and moral reform, the world wars, the Cold War, feminisms, migration, colonialism, and decolonization. Conversations will include particular focus on race, class, religion, nation, and sexuality, and explore how women in various cultures understood and utilized those categories in distinct ways. Prerequisite: HIS 1201. 3 Credits. Offered as needed. [Global]

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. [United States]

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. [Global; United States]

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. Prerequisites: HIS 1201 and WRI 1100. 3 credits. Offered as needed. [United States]

HIS 3466 History of Britain
This survey course traces the political, social, cultural, and religious history of England and the rest of the British Isles from the prehistoric period through the early 20th century. It examines such topics as the influence of the Roman, Anglo-Saxon, and Norman invasions; the development of Parliament; the English Reformation; society and culture during the Elizabethan era; the Civil War and Glorious Revolution; the Industrial Revolution; and the British Empire. Prerequisite: HIS 1201. 3 credits. Offered as needed. [Europe]

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. [United States]

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. [United States]

HIS 3501 The Atlantic World
A survey of the multiple contacts between the societies of Africa, the Americas, and Europe from the time of Columbus through the early nineteenth century. The course examines the effects of European expansion, migration, the creation of a new Atlantic economy, slavery and abolition, cultural and intellectual exchanges among the continents, and the emergence of new independent states during the Age of Revolution. Prerequisite: HIS 1201. 3 credits. Offered as needed. [Global]
HIS 3998 Hist. Methods & 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. Prerequisites: HIS 1201 and 12 credits in 2000-3000 level history courses. 3 credits. Spring semester.

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 3998. 3 credits. Fall semester.

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.

Honors [HON] Courses
For specific course information and for information on honors courses with different subject prefixes, contact Dr. John Dihard, Honors Program Director in Room 5001, call 718.489.5347 or e-mail jdihard@sfc.edu

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 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. Usually offered in Intersessions or over the Summer.

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. Usually offered in Intersessions or over the Summer.

BIO 5404 Hunger, Sustainability, Biotechnology, Conservation
Approximately 1 billion people around the world go hungry every day, with roughly an equal number of people lacking sufficient access to potable water. However, the problem is not insufﬁcient world resources; the amount of food refuse produced yearly is roughly equivalent to the amount of food required to feed the hungry for one year. Called the “world’s greatest solvable problem,” there are many potential solutions to hunger such as advancements in agricultural biotechnology as well as increased efforts towards the development of sustainable communities and environmental conservation. Each solution comes with its own beneﬁts and limitations. This course will explore hunger both worldwide and within the US and includes a service learning as well as an immersion experience on a sustainable working farm to fortify concepts and build global citizenship. Prerequisite: Open to Honors Students. 3 credits. Offered 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 5302 Law in U.S. Culture: From the Constitution to Law and Order
The course introduces students to law within the context of U.S. culture with the focus on contemporary legal issues in the United States. Students start with an introduction to the U.S. legal system, the role of lawyers in the United States and constitutional
law. Students then consider selected current issues in the law. Topics include birth (abortion; adoption; citizenship); education (First Amendment issues; bullying under criminal and tort law) and marriage (age; consanguinity; same-sex). Students learn how law is portrayed in U.S. culture by examining the treatment of law on television, in films and in literature (court decisions, non-fiction and fictional writing). The course is directed to students in the Honors Program and is open to all students, including those in the American Studies Certificate Program, with permission of the director of the Honors Program. 3 credits. Offered as needed.

**CHE 5001 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 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.

**CHE 5002 Short History of Nearly Everything**

[New Course] Science is not, as you may imagine, a series of technically dense theories, with heavy calculations and mind-bending feats of logic. Oh no! Science is interspersed with humor, betrayal, sadness; the full range of human experience… and a series of technically dense theories with heavy calculations and mind-bending feats of logic. This course will not only provide you with an overview of the best scientific ideas of what we currently understand, but also the various trials and tribulations of the personalities of those individuals that brought us those ideas. 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 Movie Vision: Fiction and Film in American Cinema**

This seminar is a critical examination of American films and film culture. The course examines a body of films grouped by theme, genre, director or historical period. Students will learn how to analyze films as texts, examining cinematography, editing, sound, narrative structure, genre, film theory and/or historical context. The films chosen may be produced inside or outside of the U.S. in order to pinpoint the influence of American film culture on world culture and vice versa. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

**COM 5011 Critical Studies in Film**

The socio-political rise of "the masses" and the development of "mass media" in the nineteenth century brought with it particular problems regarding the role of media in forming a modern society. Through the mass media, or "culture industries" as they are referred to in Critical Theory, a "spectacular" culture has emerged. Where in our lives can we see the influence of "mass" or popular culture? How do cultural forms effect the conceptualization of social reality? These and other questions will be examined in this course through the films viewings and readings about art and modern media. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

**COM 5012 Propaganda and Mass Persuasion**

This course will analyze the development, theories, principles and techniques of propaganda and mass persuasion in both totalitarian and democratic societies. For the most part, we will examine propaganda scholarship, a field which concerns itself with the engineering of perception, mobilization and consent. We will study propaganda and mass persuasion in war and peace, including advertising. Through films, graphic and printed materials, we will also examine propaganda and mass persuasion from an historical perspective, considering the roles of propaganda and mass persuasion in the past and present and their implications for the future. Open to Honor 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: Its 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 2008 Downturn and Recovery

The history of New York City from the Great Depression to the 2008 recession and then recovery is examined to comprehend its economic fortunes. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

ENG 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; writings about St. Francis and St. Clare; and an examination of their influence on society throughout history. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

ENG 5402 American Nobel Laureates

In this seminar, works of prose, poetry, and drama from American Nobel Laureates will be read, listened to and viewed. 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.

ENG 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.

ENG 5406/FA 5417 Blues, Jazz, Harlem Renaissance

The focus of this seminar is 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.

ENG 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 possible 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.

ENG 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.

ENG 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 film and the graphic novel along with epic poems to see how the ancient poems inform our modern perception of heroic action and character. Looking at contemporary values and comparing them to 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.

FA 5406 Ancient Egyptian Art

A study of Ancient Egyptian architecture, sculpture, painting and crafts from the first through the twenty-second dynasties. Factors contributing to the art of the Old, Middle and New Kingdom will be analyzed, including Ancient Egyptian geography, history, culture, literature, and mythology. Illustrated lectures, classroom discussions, readings, and museum visits will be included. 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 du Bois, 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.

FA 5441 Music, Art & Architecture
Students will demonstrate through discussion and writing the ability to place Venice, a country once the center of a powerful empire, within the context of the history and traditions of Europe. Music, painting, sculpture, architecture of Venice as well as cities of the Veneto are examined in an historical perspective. Classes are supplemented by slides, films, and a field trip. Prerequisite: Open to Honor Students. 3 credits. Offered as needed.

HIS 5401 Amsterdam and New Amsterdam
The seventeenth-century Netherlands is best remembered today for the great artistic achievement of individuals such as Rembrandt, Vermeer, and Judith Leyster. But this time was a Golden Age for the Netherlands and its vibrant port city of Amsterdam in many other ways as well. During the seventeenth century, this small, waterlogged nation emerges as an economic powerhouse and one of the leading states in Europe complete with a worldwide colonial empire. The Netherlands was also important as a republic in a continent dominated by monarchies, as the first heavily urbanized society in Northern Europe, and as a country that granted broad tolerance to religious minorities earlier than any of its neighbors. Prerequisites: Open to Honor 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.

HON 5101 Honors Freshman Seminar I
Discussion and writing about interdisciplinary topics and issues surrounding a central theme are the broad focus of freshman Honors seminars. A careful approach to research, writing, and dialogue is incorporated into the course materials selected by the instructor from the humanities, social sciences, science, business, and technology. As in all Honors courses, no tests or exams are given. Grades therefore are based on a student’s writing, research and participation. Prerequisite: acceptance into the Honors Program. 3 credits. Fall semester.

HON 5102 Honors Freshman Seminar II
A continuation of HON 5101. Prerequisite: HON 5101 or Honors Director’s approval. 3 credits. Spring semester.

HON 5400 Viable Sustainable Businesses
It is difficult today to find a business that does not claim that it either is or soon will be engaging in ‘green’, ‘socially responsible’, or ‘sustainable’ practices. Universally accepted definitions of these terms do not exist, however, making it difficult to say with certainty that a business is ‘green’, ‘socially responsible’ or ‘sustainable’. Using United Nations-approved guidelines as a base, the purpose of this course is to give students the tools to critically analyze a company’s public statements, its business and strategic actions and its operations to assess the degree to which it is ‘green’, ‘socially responsible’ or ‘sustainable’. Prerequisite: Open to Honors Students or with Honors Director approval. 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. Field trips are encouraged. 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 application for approval to the Honors Director. Honors independent studies can, with the approval of the Honors Director, be substituted for a specific Honors course. Prerequisite: At least two Honors courses. Registration for an independent study is best done during the registration period prior to the semester in which the course is to be taken, however can also be done during the semester’s add/drop period. 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 and is mandatory for all Honors students. Registration into HON 5997 normally, but not always, is done for the Fall semester of the Senior year. Students choose a mentor with whom to work, and the mentor, the Director of the Honors Program and the Dean’s Office are involved in the registration process. Prerequisite: Selection of a mentor and approval of the Honors Program Director. 3 credits. Fall semester (unless otherwise directed by the Honors Director).

HON 5998 Honors Thesis II
A continuation of HON 5997. As with HON 5997, registration involves the mentor, the Honors Program Director and the Dean’s Office. A reader, who ensures that the thesis meets the requirements mandated by the Honors Program, is assigned from the Honors Council. Typically, each student completing a thesis presents the work in an Honors Symposium toward the end of the Spring semester. Prerequisites: HON 5997 and approval of the Honors Program Director. 3 credits. Spring semester (unless otherwise approved by the Honors Director).

ICS 5306 German Culture and Fine Arts
This seminar is 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 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 include Julia Alvarez, Cherie Moraga, Cristina García, Achy Obeja, Rosario Ferré, Gloria Anzaldúa among others. 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.

PSY 5011 Attachment and Attraction

Relationship science is a multidisciplinary field which draws from subject areas such as psychology, biology, sociology, anthropology, etc. A variety of perspectives all converge to help determine what leads some relationships to flourish, while others are doomed to fail. This course will examine the neuropsychological, biological, evolutionary, and sociological perspectives of human bonding. As a class we will look at attachment from birth until death to determine what leads to a lasting relationship. Attraction, mating, love, commitment, and divorce will all be discussed, as well as implications for this science in our everyday lives and its impact on life satisfaction and well-being. Briefly stated, the goals of this course are (though are not limited to): Improve your understanding of relationship science and the various disciplines which comprise it. Critically examine pair bonding from a variety of different psychological perspectives. Examine attachment theories and their implications for development. Understand the components of attraction and how this leads to bonding. Assess the studies that have been done and determine what we still need to research; and. Discuss the real world implications for this science. 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

As 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 5419 Marine Mammal Cognition

This course is designed with two main components: A lecture component on campus at SFC and an experiential learning component that includes travel to Santa Cruz California. The course revolves around marine mammal cognition but general aspects of cognitive psychology. Topics covered will include
basic experimental design, sensation/perception, intelligence and consciousness, logic, concept formation, "language" studies with marine mammal species, and ethics. Students will learn about and observe data collection sessions with captive, trained seals, sea lions, sea otters and dolphins. The ecology of sea lion habitat as well as marine mammal physiology will also be explored. 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**

This seminar is 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**

As 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 can complement this seminar. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

**REL 5355 Early Christian Gospels**

This course is designed to lay the foundation for modern academic study of the early Christian gospels. Using the historical-critical approach, students are exposed to the important issues in gospel research. The course focuses on understanding the historical context for the early Christian gospels, examining the gospels individually, and discerning what the gospels might tell us about the communities that created and transmitted stories about Jesus. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

**SCI 5001/ REL 5350 Religion and Science**

This seminar is 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 include Julia Alvarez, Cherie Moraga, Cristina García, Achy Obeja, Rosario Ferré, Gloria Anzaldúa among others. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

Human Resources [HR] Courses

Business courses appear as Business [BUS], Entrepreneurship [ENT], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], Project Management [PM] and Sports Management [SPM]. 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 718.489.3465.

HR 2204 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: BUS 1001. 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 2204. 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 2204. 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 2204. 3 credits. Offered as needed.

Health Science [HS] Courses

For specific course information, contact the Biology and Health Promotion department in room 5220 or call 718.489.5439.

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 and Spring semester.

**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; day or 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 1302 Consumer Health**
[New Course] Consumer problems are viewed in terms of economic, sociological, psychological, and biological consequences to the individual and the community; consumer attitudes and behavior regarding needs, desires, and response to advertising, incorrect labeling, health insurance, life insurance, Medicare, over-the-counter drugs, cosmetics, health fads and quackery, consumer protection agencies, evaluation of products, and other topics of interest to the consumer. 3 credits. Fall 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. Offered on-line.

**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 1501 Introduction to Public Health**
An introductory course in the study of public health the content of course will focus on basic material related to the five public health foundation: Health Services, Epidemiology, Social/Behavioral, Science, Environmental Health and Biostatistics. Discussion will include the biomedical basis of public health, some historical developments of public health, and the role of health ethics especially in research and future challenges. The course will also present an introduction to the cross-cutting areas of public health including: communication, and informatics, diversity and culture, leadership, public health biology, professionalism, program planning, and systems thinking. 3 credits. Fall semester.

**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. 3 credits. Spring semester; day.

**HS 2240 Introduction to Environmental Public Health**
This course will examine the root causes and the scientific understanding of the major environmental health problems associated with urban communities. Topics covered include an examination of both indoor and outdoor environmental pollutants and biological hazards related to food, water, sanitation, air quality, noise, radiation, and occupational or indoor hazards. The course will also look at current trends in novel urban design, construction, and urban planning (so-called "green construction") as a means of mitigating environmental hazards and promoting public health. The course will conclude with an examination of the scientific basis for policy decisions and regulations. 3 credits. Offered as needed.
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 and Spring semesters; 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 programs. Students will organize and implement a campus-wide health fair and evaluate it. 3 credits. Spring semester; day.

HS 4350 Introduction to Research and Bioethics in Health Promotion
[Updated prerequisite and co-requisite] 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. Prerequisites: Health Care Management majors: no prerequisites required. Health Promotion and Sciences majors: co-requisite is 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
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)
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.

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

ICS 1240 Peoples and Culture of the Contemporary World I
This course examines the interaction between societies’ political-economic structures and their cultural value systems. While studying such non-Western societies and areas as China, India, and Sub-Saharan Africa, students will acquire an understanding of major historical eras, important geographical features, philosophical and religious systems, representative literature, and traditional art and music. A field trip supplements class lectures and student presentations. 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 The United Kingdom, France, 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 1250 Latinos in the Americas: North America/Here and There. Aquí and Alla
[New Course] This course studies the presence of Latinos in the United States and Canada. It explores the differences and similarities between Latinos across the border to determine migration patterns, construction of space, identity conflicts, and accomplishments in the new land. It analyzes from a historical perspective the Chicano Civil Rights movement, the struggle, persistence, resistance and progress Chicanas and Chicanos have experienced, and how relevant it has been for all Latinos in both Canada and the US. Works of various genres will be studied and
analyzed from an artistic, cultural and social perspective. Emphasis will be on Testimonial literature in order to explore the motives for this literature and to answer questions regarding the presence of Latinos, specifically, in North America: what is America for Latinos and who are Latinos for America? 3 credits. Offered when needed.

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 are read in relation to the historical and cultural contexts in which they were produced. Prerequisite: ICS 1240 and ICS 1241. 3 credits. Offered as needed; 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. Offered as needed; day.

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. Offered as needed.

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. Offered as needed; 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 world, 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
An introduction to the culture and arts of Germany. Architecture, painting, sculpture, music, and urban planning are examined in historical perspective. Classroom lectures are supplemented by recordings, audio-visual material, concerts, and field trips. Prerequisite: FA 1401. Open to Honors students. 3 credits. Offered as needed; day.
ICS 5307/FA 3413 Austrian Culture and Fine Arts
An introduction to the culture and arts of Austria, with particular attention on Vienna. Painting, sculpture, architecture, urban planning, and music are examined in historical perspective. Classroom lectures are supplemented by recordings, audio-visual material, concerts, and field trips. Prerequisite: FA 1401. 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.

Information Technology [IT] Courses
For specific course information, contact the Management and Information Technology department in room 5004 or call 718.489.3465.

IT 1001 Computer Tools
[Updated Description] In this course students will perfect their ability to interpret primary and secondary sources, recognize when information is needed and to locate, evaluate, and effectively communicate information using appropriate technologies. Including an overview of computers, the Internet, Web 2.0 technologies, Office applications, and data management. You will also learn the fundamentals of computer security, which will enable you to protect your information from the various dangers that exist online. Lab fee. 3 credits. Every semester; day and evening.

IT 1002 Introduction to App Design and Development for iOS
[New Course] This course is designed to provide an introduction to app development for mobile devices. Students will learn to use the iPhone SDK set of development tools for creating applications for the iPad, iPhone and iPod touch devices by utilizing the iPhone SDK’s Xcode, Interface Builder, and UIKit framework to build and design apps. Techniques and tools covered will enable students to use the powerful features of Objective-C, Cocoa Touch, and the various iPhone SDK libraries and frameworks for app development. Presented as a combination of instructor-led presentations and hands-on exercises. 3 credits. Offered as needed.

IT 1102 Multimedia Design
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 and prototyping, testing, and publishing. The course provides effective techniques for preparing graphics, animation, text, digital audio and video for multimedia. Among the key software tools explored are, iMovie, Adobe Photoshop, Adobe Illustrator and Adobe InDesign. Prerequisite: IT 1001. Lab fee. 3 credits. Spring semester; day.

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
[Updated prerequisite] 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 1103 MAT-1104. Lab fee. 3 credits. Every semester; day and evening.

**IT 1105 Game Programming**

[Updated title] 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. Prerequisites: IT 1001. Lab fee. 3 credits. Offered as needed.

**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. Offered as needed.

**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**

[Updated prerequisite] 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 1103. Lab fee. 3 credits. Fall semester.

**IT 2410 Web Design**

[Updated prerequisite] 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 using Adobe Dreamweaver with an introduction to CSS, Adobe Photoshop and Adobe Flash. Prerequisites: IT 1102. Lab fee. 3 credits. Every semester; day and evening.

**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**

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 2445 Digital Video**

This course explores non-linear editing techniques for professional video production, incorporating real-time professional video and audio editing tools. Principles of video basics, digital video technology, the development and creative process, editing, production, effects and presentation are stressed. Integrating instructor-led demonstrations and hands-on projects with Adobe Premiere CS 5.5 students gain precise control over the production process to create professional quality video. Prerequisite: IT 1102. Lab fee. 3 credits. Offered as needed.

**IT 2450 Digital Imaging**

This course focuses on the interface, the tools, the features, tricks, and tips FOR DIGITAL imaging utilizing Photoshop, the industry standard for desktop publishing, multimedia design and web design. This course combines concepts of digital imaging as well as instructor-led demonstrations and hands-on lab exercises with Photoshop. Prerequisite: IT 1102. Lab fee. 3 credits. Offered as needed.

**IT 2510 Database Management Systems**

[Updated prerequisite] 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**

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. Offered as needed.

**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. Offered as needed.

**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**
This course focuses on 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 networking computers. The course covers information technology laws, issues of privacy, and security planning. Prerequisite: IT 2201. 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. Every 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. Offered as needed.

**IT 3397 Mentored Internship for Project Management**
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 3400 HTML & CSS for Web Design**
This course will provide students with state of the art approaches to website design. The students will learn to create an attractive and organized website using HTML and CSS with emphasis on page layout consistency and navigation. This course combines concepts of web design as well as instructor-led demonstrations and hands-on Lab Exercises that will allow students to use CSS to control the look and placement of HTML elements. Prerequisites: IT 2410. Lab fee. 3 credits. Offered every semester.
IT 3410 Fundamentals E-Commerce
[Update title and prerequisite] 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 1001. 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. Offered as needed.

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
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. Offered as needed.

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 3680 Operating Systems
Overview of user interface. Topics include process structure, creation and context switching, system calls, process cooperation, memory management, virtual memory, I/O management, interrupt handling, file structure, directories, fault-tolerance. Students design projects involving construction of portions of the operating system. Prerequisite: IT 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
[Update course description] Supervised work experience in various fields of IT. 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 & IT Department. Prerequisites: prior application and approval of the Chairperson. 1-3 credits. Every semester.

IT 4995 Independent Study in Information Technology
[Updated course description] Individual research and study with the approval of the Management & IT Department. If qualified, an independent study can be used to substitute for an elective in IT. Projects must be scheduled for completion within the semester. Prerequisite: prior application and approval of Chairperson and faculty mentor required. Lab fee. 1-3 credits. Offered as needed.

IT 4998 Capstone Project
[Update prerequisites] 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: IT 2201 and IT 3310, IT 3101 (may be taken as pre- or co-require), Senior standing and IT major. Must pass the course with B or better. Lab fee. 3 credits. Every semester; day.

Graduate Course

IT 6001 Information Systems for Managers
[New course] This course will provide an overview of information systems concepts. Students will explore how information system can give organizations a competitive advantage while providing managers with tools for planning, decision making, and effective controls. Students will explore the value of information systems for transforming business operations through review and analysis of literature and case studies. 3 credits. Offered as needed.
Italian [ITA] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 3312 or call 718.489.5387.

ITA 1101 Lower Beginning Italian
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 Upper Beginning Italian
Continuation of ITA 1101. Prerequisite: ITA 1101. 3 credits. Every spring; day.

ITA 2001 Italian Film: From Neorealism to Contemporary
This course will offer a unique opportunity to explore Italian cinema from the revolution introduced by Neorealism (mid-1940s to the beginning of the 1950s) to the emergence of the great filmmakers, like Pier Paolo Pasolini, Michelangelo Antonioni, Federico Fellini, and Luchino Visconti. A view of contemporary cinema will also be offered through the directorial styles of Tornatore, Amelio and Cricalese. Some Italian literature will also be presented. 3 credits. Offered as needed.

ITA 2103 Lower Intermediate Italian
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 Upper Intermediate Italian
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.

Latin [LAT] Courses

For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 3312 or call 718.489.5387

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.

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 1101 is first required. All students required to complete MAT 1101 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 1101 or MAT 1105 is first required. For specific course information, contact the Mathematics department in room 4314 or call 718.489.5396.

MAT 1101 Quantitative Reasoning
A course designed to reinforce and strengthen topics in algebra, to improve quantitative reasoning and analytical skills. The course reviews basic algebraic topics, linear and nonlinear equations and inequalities. Students will read and analyze data, create and solve simple mathematical models. Students will use technology to develop an understanding of mathematical algorithms, in problem solving, and in reading charts and graphs. Prerequisite: Placement by examination. 3 credits Every semester.

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 ration, and real numbers and their representation. Prerequisite: Placement by examination or MAT 1101. 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 descriptive statistics, graphs, graph theory, Euler circuits, and trees. Prerequisite: Placement by examination or MAT 1101. 3 credits. Every semester; day.

MAT 1105 College Algebra
A review of topics in intermediate algebra such as first degree equations, ratios rates, percentages and proportions. The course
gives an extended and detailed treatment of some important topics in algebra such as quadratic and polynomial equations. Rational, radical exponential and logarithmic equations. Algebraic inequalities and systems of equations., Functions, and graphs to include lines, parabolas, powers and other elementary graphs. Exponential and logarithmic functions and their graphs. Additional topics include linear systems of equations-Gaussian elimination. This course is recommended for students with a weak to moderate knowledge of algebra. Prerequisite: Placement by examination or MAT 1101. 3 credits. Every semester; day and evening.

MAT 1107 Algebra and Trigonometry for Science Majors

[Updated Course Description] 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. Basic concepts from analytic geometry such as circles, ellipses and other conic sections. Roots of polynomials, graphs and transformations of graphs. Graphs of polynomial, and rational functions. Trigonometric identities and equations. The trigonometric and inverse trigonometric functions and their graphs. Prerequisite: Placement by examination or MAT 1105. Graphing calculator is optional. 4 credits. Every semester.

MAT 1109 Mathematics for Managerial Science I

[Updated Course Description] Basic algebraic concepts such as factorization of polynomials, solving basic algebraic equations. Lines and parabolas. Maxima and minima. Exponential and logarithms. Compound interest and other exponential models. The study of matrices and their application. Examples include inversion and the solution of systems in linear equations, linear inequalities and linear programming (graphical approach), dual problems, and economic interpretation. Prerequisite: MAT 1105. 3 credits. Every semester; day and evening.

MAT 1110 Business Calculus

[Updated Course Description] 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, exponential models, and mathematics of finance. Prerequisite: MAT 1109. 3 credits. Spring semester; day and evening. Spring semester.

MAT 2202 Calculus I

[Updated Course Description] Differential Calculus. Functions, including polynomials, rational and radical functions. Exponential and logarithmic functions. Trigonometric and inverse trigonometric functions. Limits, continuity, differentiation of algebraic and transcendental functions. Applications of the derivative, Fermat's Theorem, Rolle's Theorem, the Mean Value Theorem. Monotone functions, maxima and minima. Asymptotes, Convexity and Concavity and sketching graphs. L'Hopital's rule. Prerequisite: MAT 1107. Students may purchase a graphing calculator. 4 credits. Every semester.

MAT 2203 Calculus II


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: 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. Spherical and hyperbolic geometries. Prerequisite: MAT 2202. 3 credits. Offered as needed; day.

MAT 3304 Calculus III


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. Lab fee. Prerequisite MAT 2202 and MAT 2203. 3 credits. Spring semester, Summer Session 1.

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, and surface integrals. Green's theorem, Stokes' theorem, and divergence theorem. Prerequisite: MAT 3304. 3 credits. Offered as needed.

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 lemma, and well ordering axiom. Prerequisite: MAT 2203. 3 credits. Offered as needed.
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. Separable and exact equations. Linear differential equations of first-order, second-order 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, congruence, 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. Spring semester; day.

MAT 4403 Advanced Calculus I
[Updated Course Description] Real numbers, axiom of continuity, least upper bounds and greatest lower bounds; open and closed sets; Transformations and mappings. Continuity, fundamental theorems of continuous functions. Differentiation, the Jacobian and the Hessian. Taylor's Theorem in several variables. Maxima and minima for functions of two or more variables; the method of Lagrange; implicit function theorem, and general theorems of partial differentiation. Prerequisite: MAT 3304. 4 credits. Fall semester.

MAT 4404 Advanced Calculus II
[Updated Course Description] The theory of Riemann integration in one and many variables. Multiple integrals, Fubini's Theorem, the change of variable theorem. Improper multiple integrals. Integrals depending on a parameter, the Gamma and Beta functions. Sequences and Series of functions, uniform convergence, power series. Prerequisite: MAT 4403. 4 credits. Spring semester.

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's theorems. Prerequisite: MAT 3304. 3 credits. Offered as needed.

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-Weierstrass theorem, measure and measurable functions, the Lebesgue integral, and dominated 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.

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. Offered as needed; 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 Senior Seminar
[New Title and prerequisite] Advanced problem-solving seminar for students interested in taking the GRE subject mathematics Exam for graduate studies or in taking the Examination given by the Society of Actuaries. According to the needs of the students, this seminar covers material from calculus, differential equations, complex variables and advanced calculus, or number theory, modern algebra and linear algebra or calculus, probability theory and mathematical statistics. Prerequisites: MAT 2203 or higher, MAT 3304 recommended. 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 3312 and MAT 4403.

**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.

**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.

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**Management [MGT] Courses**

*Business courses appear as Business [BUS], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], and Sports Management [SPM]. 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 718.489.3465.*

**Graduate Course**

**MGT 6001 Organization and Strategy**

[New Course] This course will provide an overview of organizational theory and business strategy in the context of modern organizations. Students will develop an understanding of organizations as dynamic, evolving systems through review and analysis of the literature, case studies, and class discussions. 3 credits. Offered as needed.

**MGT 6002 Special Topics in Organizational Management**

[New Course] This course will explore specific, identified topics in organizational management. The subject matter will be chosen by the instructor prior to registration, with the approval of the department chair. Topics may include leadership, strategic planning, project management, strategic human resources management, or other contemporary concerns in organizational management. Prerequisite: MGT 6001. 3 credits. Offered as needed.

**MGT 6003 Organizational Development and Change Management**

[New Course] This course will explore the issues, theories and methods associated with organizational development and change management. Topics will include organizational culture, intervention strategies, and overcoming resistance to change. Students will focus on building management skills to aid organizations in successfully adapting to uncertainty and implementing new practices. Prerequisite: MGT 6001. 3 credits. Offered as needed.

**MGT 6998 Capstone Project**

[New Course] This course will be a culminating experience for the MS in Management program. The aim of the capstone is to assess students’ ability to synthesize and integrate the knowledge and skills they have developed throughout their coursework rather than to introduce new concepts. Working in a team, students will consult with a client to address a real business problem by preparing a business and marketing plan while addressing accounting, financial, and legal issues and technology considerations. Prerequisite: 24 Graduate level credits. 3 credits. Offered as needed.

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**Marketing [MKT] Courses**

*Business courses appear as Business [BUS], Entrepreneurship [ENT], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], Project Management [PM], and Sports Management [SPM]. 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 718.489.3465.*

**MKT 2201 Marketing**

[Updated course description] This course provides students with an understanding of the principles of marketing and is a prerequisite for all marketing electives. The course will focus on marketing activities and how marketing relates to the overall organization. Topics will include environmental analysis, industry and competitor analysis, marketing strategies, consumer behavior, market mix (product, price, promotion and place), segmentation, and market research. Additional focus on marketing’s role in producing ethical and responsible business decisions. Prerequisite: BUS 1001. 3 credits. Every semester; day and evening.

**MKT 2202 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. Prerequisite: MKT-2201. 3 credits. Offered as needed.

**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 Advertising and Sales Promotion**

An advanced course in contemporary advertising and sales promotion techniques used by market-oriented business firms. Students write copy; plan space, internet, social media, 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 Relationship Management**

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 Digital Marketing**

[Updated title and course description] Provides a comprehensive understanding of digital marketing and how it supports the execution of business strategies with online and social channels. Digital and social instruments for business-to-business and business-to-consumer companies are reviewed and we discuss their value for reaching brand marketing, sales and customers engagement goals. Numerous examples from large corporations and small businesses make the concepts come alive by demonstrating the capabilities and return of innovative marketing initiatives made possible by digital and social channels. Prerequisite: MKT 2201. 3 credits. Offered as needed.

**Graduate Course**

**MKT 6001 Marketing for Managers**

[New Course] This course will provide a managerial overview of the marketing process in a contemporary, customer-driven organization. Students will explore strategy and decision-making in the context of marketing activities. The relationship between strategic planning and marketing will be explored, along with contemporary ethical issues in marketing management. Topics will include consumer behavior and decision-making; segmenting, targeting, and positioning strategies; strategic use of marketing research; and the implementation of marketing activities, using the marketing mix.
Nursing [NUR] Courses

For specific course information, contact the Nursing department in room 4311 or call 718.489.5497.

NUR 2221 Nursing Therapeutic Skills
Offered in the first semester of the nursing sequence, this course introduces the student to the foundations of nursing practice at the baccalaureate level. Through the didactic portion of the course, students are introduced to the nursing process, theoretical bases for nursing practice, and selected nursing skills essential to the practice of nursing including therapeutic communication, psychomotor skills and an intensive skills lab aimed at preparing the beginning nursing student to focus on the basic human needs hypothesized in Maslow’s Human Needs Theory. The theoretical and evidence based underpinnings of selected basic nursing skills are taught. Focus is on the individual as a biopsychosocial, cultural and spiritual being. Laboratory and observational experiences provide students with opportunities to practice basic nursing skills in order to prepare them for performance in the clinical setting. 1 lecture and 2 lab hours per week. Prerequisite: NUR 3323. For BS-RN majors only. 3 credits.

NUR 3001 Nursing Informatics
This course introduces nursing informatics as an integration of nursing, technology, evidence based practice, and health informatics for the support of nursing practice. It supports the effective utilization of technology and its applications throughout all aspects of health care delivery. The course complies with the competencies defined in Essential IV: Information Management and Application of Patient Care Technology [AACCN Baccalaureate Essentials (2008)]. Lab fee. 3 credits.

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. 3 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. 3 lecture and 3 lab hours per week. For BS-NUR majors only. 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 American Association of Colleges of Nursing baccalaureate competencies used to create the course of study for baccalaureate education and investigate their relevance to contemporary practice. 3 credits.

NUR 3323 Physical Assessment
This course is an introduction to physical assessment with an emphasis on the review of systems that include physical examination and history taking. 3 lecture and 3 lab hours per week. Prerequisites: BIO 1140, 1141. Co-requisite: NUR 3323L. For BS-RN majors only. 4 credits.

NUR 3334 Nursing Care of the Adult
Lecture
[Updated Credit Value] This course, as the first nursing course in the sequence, focuses on the nursing management of adults experiencing acute health problems related to bodily systems. Emphasis is placed on the impact of illness on the physical, emotional, social aspects of caring for the patient and their family.Using the nursing process as the framework for the presentation of course content, the student will practice nursing care that is based on the AACN Baccalaureate Essentials (2009) and is within the ANA Scope and Standards of Nursing Practice (2015). The student will study the physiological and psychological care needs of patients with common healthcare problems. Students will be provided with the concepts and skills required in expanding their utilization of the nursing process in promotion, maintenance and restoration of adult health patients found in a variety of care settings. The use of technology in the provision, documentation and evaluation of care will be integrated into the provision of care. Consideration of applicable theories, including nursing theories, genomics, and healthcare issues will be discussed within the context of the care provided. Co-requisite: NUR 3335. For BS-RN majors only. 5 credits.

NUR 3335 Nursing Care of the Adult
Clinical
This course, as the first clinical nursing course in the sequence, focuses on the nursing management of adults experiencing acute health problems related to bodily systems. Students will spend 8 hours per week in a clinical setting such as a hospital or nursing home caring for clients with acute and chronic health problems requiring hospitalization for medical and nursing care. Emphasis is placed on the impact of illness on the physical, emotional, social aspects of caring for the patient and their family. Students will apply knowledge from the lecture courses NUR 3334 and NUR 3336 to the clinical settings of this course. Clinical settings include opportunities for care of patients with medical and psychiatric diagnoses such as the Veterans Administration and New York City Health and Hospitals Corporation facilities. Using the nursing process as the framework for the presentation of course content, the student will practice nursing care that is based on the AACN Baccalaureate Essentials (2009) and is within the ANA Scope and Standards of Nursing Practice (2015). The student will study the physiological and psychological care needs of patients with common healthcare problems. Students will be provided with the concepts and skills required in expanding their utilization of the nursing process in promotion, maintenance and restoration of adult health patients found in a variety of care settings. The use of technology in the provision, documentation and evaluation of care will be integrated into the provision of care. Consideration of applicable theories, including nursing theories, genomics, and healthcare issues will be discussed within the context of the care provided. Co-requisite: NUR 3334. For BS-RN majors only. 3 credits.

NUR 3336 Nursing Pathophysiology
This course is intended to develop a stronger understanding of the biological disruptions that are pathobiological and their influence on individuals. This course explores human responses
to disruption in selected functional health patterns which threaten the individual’s level of wellness. The focus is on the application of pathophysiological concepts in clinical nursing practice across the lifespan. Prerequisites: BIO 1140, 1141 and CHE 1101. 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. Students will spend 8 hours per week in a clinical setting. Prerequisites: NUR 3321, 3322. Co-requisite: NUR 4324. For BS-NUR majors only. 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. For BS-NUR majors only. 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. Students will spend 8 hours per week in a clinical setting. Prerequisites: NUR 4323, 4324. Co-requisite: NUR 4422. For BS-NUR majors only. 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. Prerequisites: NUR 4323, 4324. Co-requisite: NUR 4421. For BS-NUR majors only. 3 credits.

**NUR 4423 Community/Public Health (Clinical)**
[Updated pre requisites] This is the fourth clinical nursing course in the sequence for the traditional BS program. It will focus on the patient and the family within the community. Students will apply knowledge from the lecture courses in a clinical setting and will be provided with the concepts and skills required in expanding the utilization of the nursing process within the community at large. Students will spend 8 hours per week in a clinical setting. Prerequisites: NUR 4447, 4448. Co-requisite: NUR 4424. For BS-RN majors only. 4 credits.

**NUR 4424 Community/Public Health (Lecture)**
[Updated prerequisites] Emphasis is placed on the impact of the physical, emotional, and social aspects of caring for patients and their families within the community setting. Students will be provided with the concepts and skills required in expanding the utilization of the nursing process as applied to the community. Prerequisites: NUR 4447, 4448. For BS-RN majors only. Co-requisite: NUR 4423. For BS-RN majors only. 3 credits.

**NUR 4440 Medical-Surgical Nursing Critical Care Lecture**
[Updated Credit Value] This course focuses on the synthesis and knowledge required to care for clients with complex multisystem health issues. The nursing process is used to integrate the nutritional, sexual, physiological, psychosocial, rehabilitative, and spiritual needs of clients. The course focuses on the most common disorders and technologies encountered by a critical care nurse today, including the pathophysiological basis for illness and the strategies the critical care nurse uses in assessing and managing patients. This course contains information about important psychosocial concepts, legal and ethical issues, history and physical examinations, key laboratory and diagnostic tests, as well as key nursing interventions used in critical care to assist students providing competent and compassionate care to critically ill patients needing complex medical and surgical interventions. The use of technology in the provision, documentation, and evaluation of care will be integrated into the course. Using the nursing process as the framework for the presentation of course content, the student will practice nursing care that is based on the AACN Baccalaureate Essentials (2009) and is within the ANA Scope and Standards of Nursing Practice (2015). Prerequisites: NUR 4423, 4424. Co-requisite: 4449. 4 credits.

**NUR 4444 End of Life Care**
[Updated Credit Value] This course will address the myriad of needs facing individuals and their families at the end of life. Emphasis will be put on the importance of the role of the nurse as advocate, acknowledging the family as a unit, the importance of culture as an influence at the end of life and the essential need of interdisciplinary collaboration for quality care at the end of life. This course will address the challenging aspects of grief, loss and bereavement of patients and families as well as the loss experience of health care professionals. Open to non-nursing majors. 3 credits.

**NUR 4446 Psychiatric Nursing Lecture**
[Updated prerequisites] This course focuses on promotion, maintenance, and restoration of the behavioral health of individuals and families. The course is based on the biopsychosocial model of psychiatric nursing, and addresses the mental health promotion, assessment, and interventions in adults, families, children, adolescents, and older adults. The course focuses on the inter-relationship of the biologic, psychologic, and social domains of mental health and illness. Emphasis is placed on communication and therapeutic nursing interventions with clients. Students will build upon their therapeutic communication, critical thinking, and nursing...
process skills to be used with clients in inpatient and outpatient mental health settings. Students will spend 8 hours per week in a clinical setting. Prerequisites: NUR 3334, 3335, 3336. Co-requisite: 4446C. 3 credits.

NUR 4446C Psychiatric Nursing Clinical
[Updated prerequisites] The objectives of this clinical course are to apply the nursing process to develop a patient care plan, including DSM diagnosis, nursing diagnosis, expected outcomes, and interventions with rationales for clients with mental health disorders. In addition, the student will contribute relevant information to multidisciplinary staff and use medical records and computer resources to assess relevant clinical information. The student will also demonstrate empathetic, nonjudgmental, cooperative and ethical behavior with clients, peers, staff and the instructor. Students will spend 8 hours per week in a clinical setting. Prerequisites: NUR 3334, 3335, 3336. Co-requisite: 4446C. 2 credits.

NUR 4447 Nursing Care of the Child and Family Clinical
[Updated prerequisites] This course focuses on the nursing management of children and their families. Students will spend 8 hours per week in a clinical facility such as a hospital or clinic caring for children and their families. Students will apply the knowledge from the lecture course NUR 4448 to the clinical settings of this course. Clinical settings include opportunities for care of pediatric and obstetrical patients at such settings as the New York City Health and Hospitals Corporation and other facilities located in the five boroughs of New York City. Using the nursing process as the framework for the presentation of course content, the student will practice nursing care that is based on the AACP Baccalaureate Essentials (2009) and is within the ANA Scope and Standards of Nursing Practice (2015). Students will spend 8 hours per week in a clinical setting. Prerequisites: NUR 3334, 3335, 3336. Co-requisite: NUR 4448. 3 credits.

NUR 4448 Nursing Care of the Child and Family Lecture
[Updated prerequisites and credit value] This course focuses on the nursing management of children and their families. Emphasis is on the growth and developmental tasks as well as health and illness of children from infancy to adolescence. Consideration is also given to theories underlying the delivery of nursing care including Maslow, Piaget, and relevant nursing theorists such as Eninger and Rogers. Using the Nursing Process, students provide nursing care to children and their families in a variety of inpatient and community settings. Technology is used to provide and document nursing care in each setting. Students learn about the management of children and their families in various clinical settings such as clinics, hospitals, shelters, school, day care, and in the home. Students learn how to care for the pregnant and post-partum women, the neonate, the growing child, adolescent and adult. Students must take the lecture and clinical courses together and successfully complete both courses to progress. Prerequisites: NUR 3334, 3335, 3336. Co-requisite: NUR 4447. 4 credits.

NUR 4449 Medical-Surgical Nursing
Critical Care Clinical
This course, as the final clinical nursing course in the sequence, focuses on the nursing management of medical-surgical patients with complex multisystem health needs in the acute care hospital setting. Students will spend 8 hours per week in an acute care clinical facility caring for patients with complex care needs. The nursing process is used to integrate the nutritional, sexual, physiological, psychosocial, rehabilitative, and spiritual needs of clients. The course focuses on the most common disorders and technologies encountered by a critical care nurse today, including the pathophysiological basis for illness and the strategies the critical care nurse uses in assessing and managing patients. This course contains information about important psychosocial concepts, legal and ethical issues, history and physical examinations, key laboratory and diagnostic tests, as well as key nursing interventions used in critical care to assist students providing competent and compassionate care to critically ill patients needing complex medical and surgical interventions. The use of technology in the provision, documentation, and evaluation of care will be integrated into the course. Using the nursing process as the framework for the presentation of course content, the student will practice nursing care that is based on the AACP Baccalaureate Essentials (2009) and is within the ANA Scope and Standards of Nursing Practice (2015). Students will spend 8 hours per week in a clinical setting. Prerequisites: NUR 4423, 4424. Co-requisite: 4440. 4 credits.

NUR 4502 Nursing Seminar II
[Updated Description] This course assists the nurse in preparing for professional nursing practice by integrating the practice, education, research, and health policy interests of the nurse. 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. Prerequisite: MAT 2301. 3 credits.

Operations Research and Management [ORM] Courses
Business courses appear as Business [BUS], Entrepreneurship [ENT], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], Project Management [PM] and Sports Management [SPM]. 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 718.489.3465.

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 6001 Business Analysis for Managers

[New Course] This course will cover the application of quantitative techniques to business problems. Topics will include business applications of probability and statistics, forecasting techniques, and decision theory. Prerequisite: MGT 6001. 3 credits. Offered as needed.

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.

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.

PE 1101 Soccer/Volleyball Skills Activities

[Updated pre-requisites] 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). Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 2 credits.

PE 1102 Basketball, Baseball, Softball Skills Activities

[Updated pre-requisites] 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). Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 2 credits.

PE 1106 Floor Hockey/Team Handball Skills Activities

[Updated pre-requisites] 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). Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 2 credits.
PE 1107 Track and Field Skills Activities
[Updated pre-requisites] Theory, instruction, and practice in the fundamentals of team and individual sports; techniques in football, track and field, and golf; includes coaching techniques. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 2 credits.

PE 1143 Olympic Weightlifting
[Updated pre-requisites] Students will learn and perform Olympic style lifts including the snatch and clean & jerk. Assistance exercises and program development for lifetime fitness will be taught and practiced. Part of the Personal Training Minor. Prerequisites: consent of instructor. 2 credits.

PE 1500 Personal Training
Students will learn how to become a Personal Trainer by studying topics in weight loss, program design, toning, strength, power, endurance and flexibility. This course helps prepare students for personal training certification. Part of the Personal Training Minor. 3 credits.

PE 2202 History and Principles of Physical Education
Current trends and problems in physical education are analyzed and evaluated. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 2 credits.

PE 2208 Kinesiology
[Updated pre-requisites] 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: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

PE 3100 Evaluation of Physical Education
[Updated pre-requisites] 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: Gates I, II, III; cumulative GPA of 3.0. 2 credits.

PE 3200 Biomechanics
[Updated pre-requisites] 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. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 2 credits.

PE 3304 Organization and Administration of PE
[Updated pre-requisites] 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. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 2 credits.

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. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

PE 3308 Motor Learning
[Updated pre-requisites] 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: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

PE 3322 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. Gates I, II, III; cumulative GPA of 3.0. 3 credits.

PE 4300 Curriculum and Methods of Instruction in PE, PreK-12
[Updated pre-requisites] 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. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

PE 4302 Physical Education for Students with Special Needs
[Updated pre-requisites] 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; 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: Gates I, II, III; cumulative GPA of 3.0. This course includes 15 hours of field experience. 3 credits.

PE 4500 Field Experience in Physical Education
[Updated pre-requisites] Observation and supervised experience of at least 100 hours in an area of the student's expressed professional interest. Prerequisites: Gates I, II, III; cumulative GPA of 3.0. 2 credits.

PE 4616 Psychology of Sport
[Updated pre-requisites] 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: Gates I, II, III; cumulative GPA of 3.0. 3 credits.
PE 4990 Supervised Student Teaching in Physical Education

[Updated description and pre-requisites] The final, supervised clinical component of the teacher preparation program in a partner elementary, middle, or high school, as appropriate to the program of study. The experience supports theoretical and practical applications of contemporary curricular frameworks. Full-semester experience. 300 hours. Prerequisites: Gates I, II, III, IV; cumulative GPA of 3.0. 6 credits.

PE 4995 Independent Study

[Updated pre-requisites] 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. Prerequisites: Gates I, II, III. 3 credits.

Philosophy [PHI] Courses

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. They are studied in the context of brief selections from the writings of philosophers from antiquity to the present. 3 credits.

PHI 1114 Logic and Argumentation
[New Title] 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.

PHI 2201 Human Nature
[New Title] Do human beings have a fundamental nature? Do our environments and embodiment shape our nature, or is it inherent—or both? To answer these and related questions, we investigate such fundamental philosophical issues as death and immortality, mind and body, perception and conception, reason and emotion, and freedom and determinism as they appear in writings of philosophers from antiquity to the present. Prerequisite: one 1000-level PHI course. 3 credits.

PHI 2203 Theories of Knowledge
[Updated description] We think we know what it means to know until someone asks us to explain it ourselves. This course pursues a clearer understanding of the personal operations and wider social contexts that compose human knowing. It inquires into the nature of knowledge by means of an examination of such explanations of knowledge as empiricism, idealism, skepticism, pragmatism, and various realisms, but also an examination of ourselves as specimens, as knowers and as persons in pursuit of new knowledge. Readings of philosophers from antiquity to the present. Prerequisite: one 1000-level PHI course. 3 credits.

PHI 2204 Utilitarianism
[Updated description] Utilitarianism, the view that goods are worth pursuing when they benefit a majority, is an important moral theory. It continues to influence economics, business, government, law, criminal justice and medical ethics. This 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 to later formulations in works by David Hume, Jeremy Bentham, and John Stuart Mill. Prerequisite: one 1000-level PHI course. 3 credits.

PHI 2205 Happiness and Pleasure
[Updated description] In the search for happiness, how important is pleasure? Can happiness be explained solely in terms of pleasure? Is happiness the fundamental or an intrinsic good? Ought we pursue or avoid pleasure? This course examines different answers to these questions developed by philosophers from antiquity to today, with a focus on how much importance or priority to accord pleasure. Prerequisite: one 1000-level PHI course. 3 credits.

PHI 2210 Descartes
[Updated description] This intensive intermediate-level course aims to acquaint the student with the thought of René Descartes, who many regard as 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 works. Through these readings, students will examine key philosophical notions or themes including skepticism, truth, God, the self, the infinite, mind and body. Prerequisite: one 1000-level PHI course. 3 credits.

PHI 2211 Existentialism
[New Course] This course serves as an introduction to the most widely known contemporary Western philosophical movement. We examine different approaches to its major themes of human existence (authenticity, absurdity, freedom, responsibility, nothingness, the possibility of a meaningful life) by key authors Camus, de Beauvoir, and Sartre, and perhaps also Kierkegaard, Nietzsche, Dostoyevsky, or others. We may also examine its treatments of social issues such as anti-black racism or the construction of gender, and its impact in other areas of culture such as American literature, jazz, and film. Prerequisite: one 1000-level PHI course. 3 credits.

PHI 2212 Latin American Philosophy
[New Course] This course introduces students to Latin American Philosophy from the 19th century to the present. Accordingly, it addresses the history of philosophy in Latin America, Latin American culture, identity theory, political philosophy, and literature. What does it mean to be Latin American, and is there such a thing as Latin American philosophy? Is there a Latino
identity? What implications do our answers to such questions have for other urgent questions about cultural, ethnic, racial and gender identities? Prerequisite: one 1000-level PHI course. 3 credits.

**PHI 2310 American Philosophy**

[Renumbered from PHI 3310] This course surveys innovative contributions to the field of American philosophy by Jonathan Edwards, Thomas Paine, the authors of *The Federalist Papers*, Ralph Waldo Emerson, Frederick Douglass, Charles Sanders Peirce, William James, W.E.B. Du Bois and John Dewey. Particular attention will be paid to authors’ wider contexts, whether Puritanism or pragmatism. Prerequisite: one 1000-level PHI course. 3 credits.

**PHI 2316 Art and Aesthetics**

[Renumbered from PHI 3316 and new title] This course examines the nature of art and the character of our aesthetic experiences. It deals with such issues as: the concept of beauty; the role of art in society; censorship, propaganda, and advertising; imagination; taste; art as imitation, representation, or expression; the relation of art to knowledge, freedom, or truth; symbol and metaphor; the status of things and events purported to be art; emotional responses to art; artistic process and creative expression; aesthetic experiences outside of artistic ones. We engage with a wide variety of historical and contemporary philosophical texts as well as artworks and other aesthetic experiences. Prerequisite: one 1000-level PHI course. 3 credits.

**PHI 2341 Authority and Law**

[Renumbered from PHI 3341 and new title] Must we obey the law? Why or why not? This intermediate course in legal philosophy focuses on the related concepts of authority and law through a study of different explanations of what law is, especially addressing the relations of law to justice and morality. Augustine contends an unjust law is no law at all, and assuming he is right, today we continue to revise or overturn many legal statutes. But why is there law in the first place? What good is it, given its deeply ambivalent track record for repressing and promoting human virtue? Clean air, healthy food, fair wages and taxes, public safety and the protection of basic rights all depend on a carefully organized legal system. But can we justify punishment for those who break the law? And what legal challenges do mass incarceration and the war on terror pose to a democracy? This course will also identify arguments put forward by groups, such as anarchists, pirates and terrorists, who rebuke some or all legal authority, and who thus see themselves to be acting somehow outside it. Prerequisite: one 1000-level PHI course. 3 credits.

**PHI 2342/BUS 2342 Business Ethics**

[Renumbered from PHI 3342 and updated description] Economic freedom is a hallmark of the contemporary west. But is such freedom merely asserted? If not, where does it come from, and what good is it? By working through recent controversies in applied ethics and paying attention to personal acts of deliberation and decision, this course articulates an understanding of our commercial institutions to identify and educate economic liberty and to promote the common good. Prerequisite: one 1000-level PHI course. 3 credits.

**PHI 2344 Philosophy and the Natural World**

[Renumbered from PHI 3344 and new title and description] Scientists have begun to refer to our current geological age as the Anthropocene to denote the degree to which human life now dominates the planet. They draw from climatology, geology, hydrology, ecology and other earth systems to make their case. This course introduces students to the study of nature. In antiquity nature was understood to be the internal principle of an entity as it moves, grows and dies. Modern figures dreamed of mastering nature. Today’s conservationists and ecological theorists often speak of nature as a whole. What is nature, and what is our relation to it? What are our moral responsibilities to the natural world? For our planet and our species to survive future challenges, we must rehabilitate our relation to nature at a very basic level. Accordingly, this interdisciplinary course examines themes of emergence, environmental responsibility, stewardship for the natural world, and also themes of devastation, extinction and collapse. Prerequisite: one 1000-level PHI course. 3 credits.

**PHI 2403 The Good Life**

[Renumbered from PHI 3403, new title and description] Moral reasoning is a function of education more than training. We all have to make up our minds about what is good and what is worth doing. This course focuses on theory and practice as it examines 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 humankind and reality. Readings draw from philosophers from antiquity to the present. Prerequisite: one 1000-level PHI course. 3 credits.

**PHI 2431 Ancient Greek Philosophy**

[Renumber from PHI 3431] 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: one 1000-level PHI course. 3 credits.

**PHI 2441 Early Modern Philosophy**

[Renumbered from PHI 3441] This intermediate course guides students through the contentious history, key concepts and influential personalities of modern European philosophy. Its focus is the 17th- and 18th-century texts of the period, especially the rationalisms of Descartes and Spinoza and the empiricisms of Hume and Locke. Particular attention will be devoted to questions about mind, reality and the foundations of science. Prerequisite: one 1000-level PHI course. 3 credits.

**PHI 2502 Medical Ethics**

This course studies moral issues in the health professions with special attention to practitioners and patients. Some of these issues are recent, such as those surrounding pharmaceutical use and abuse, organ transplantation, gene therapies, and other issues surrounding emerging technologies. Other topics are more enduring and include meta-ethical accounts of personhood, animal and human experimentation, the doctor-patient relationship, informed consent, euthanasia, and more broadly, careful decision-making in the context of medicine and health care. Prerequisite: one 1000-level PHI course. 3 credits.
PHI 3312 Gender and Philosophy
[New title and description] Gender is an important aspect of our personal lives, social experience, cultural norms, and political issues. This course offers and critically examines a variety of philosophical perspectives on gender, including feminist theory and how gender intersects with race, class, age, ability, and sexuality. Issues concerning self-identity, gender expression, oppression, privilege, justice, the patriarchal and heteronormative structures of society, and the role of women and gender in philosophy itself may be explored in historical and contemporary texts. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3315 Meaning of History
[New title and description] History may often appear to be a series of accidents. The decisions by some in the past make the present unsustainable and the human future unlikely. But is it possible to understand history as an intelligible process, or as a narrative? Is the process cyclical or directional? How does historicism, the idea that things are consequences of their development, challenge our expectations about realism? Is history, when understood as anything more than sound and fury signifying nothing, just another myth? This course examines the philosophical account of history from antiquity to today. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3317 Renaissance Philosophy
Renaissance philosophy is neither the tail end of medieval philosophy nor the first chapter of Modern Philosophy. It is not merely a transitional period, but a philosophical period in its own right, covering essentially the 15th and 16th centuries in Europe. It possesses an inner consistency, connected with other aspects of Renaissance culture and occupying a unique place in the general history of Western philosophy. This upper-level course will examine the key figures, trends and themes of Renaissance philosophy in the areas of metaphysics, natural philosophy, epistemology, philosophical psychology, moral philosophy and political philosophy. Special emphasis will be placed on Renaissance Platonism and Neoplatonism, which has produced some of the greatest figures in the history of philosophy as a whole. The role of humanism in the development of Renaissance philosophy, and the expression of philosophical concepts in poetry and art during the Renaissance, will also be examined. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3318 19th-Century Philosophy
[New Course] The rich period in Western philosophy that begins with the intellectual revolution started by Kant offers us such seminal and diverse thinkers as Hegel, Marx, Schopenhauer, and Nietzsche, just to name a few. The focus will be on Idealism and reactions to it, for example from Materialism, Pessimism, and Romanticism, among others. Issues concerning the nature of reason, knowledge, self, and freedom and their relationships to social formations and to nature will be examined from various perspectives. Problems in logic, ethics, and aesthetics may also arise in these examinations, along with topics in religion, politics, history, and economics. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3319 Philosophy and Literature
[New course] Are literature and philosophy rivals in asking big questions or seeking a deeper truth? If so, which is better at doing these? If not, what sort of relationship should they have? This course explores various relationships between literature and philosophy, such as philosophy’s suspicion of art and literature’s disdain of philosophy. With a focus on philosophy of literature and philosophical theories as they appear in or through the lens of literature, we critically engage diverse perspectives on issues in ethics, aesthetics, and metaphysics. Topics covered may include imagination, authorship, appropriation, genre, truth, fiction, intention, meaning, emotion, freedom, morality, and human nature. Philosophy and literature will mutually illuminate each other as new insights on works of literature are gained through philosophy, and as literary imagination complements the rigor of philosophical thought. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3326 Philosophy of Science
Why and how does science work? This course examines 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: one 2000-level PHI course. 3 credits.

PHI 3327 Theory of Being
[New Title] An inquiry into the problem of basic reality and into the concepts in terms of which existence has been elucidated, and the possibility and meaning of these and related questions. Readings from ancient, medieval, modern, and contemporary philosophers. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3333 Philosophical Theology
[Updated description] This course studies major themes in the western tradition about the existence and nature of God. Religion brings out the best and the worst in people. Philosophy purports to be guided by reason and careful argument. Are our religious commitments subject to rational scrutiny? What are the limits of God’s existence or lack of existence? Do we do with our living? God’s existence or non-existence may have important implications for morality and the ground of careful decision-making as well as, more generally, the meaning, value and ongoing determination and differentiation of human life. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3343 Philosophy of Sport
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: One 2000-level PHI course. 3 credits.

PHI 3404 Political Philosophy
[Updated description] Aristotle says we are political animals by nature. But it is not obvious what he means with this designation. What does it mean to be political, especially today, when so many presume politics obstructs the good? Does the meaning of the
political change, and if so, why? Beginning with Plato and Aristotle, this course surveys the fundamental concepts of political philosophy by way of their origin, history and contemporary relevance. Topics include authority, justice, freedom, violence and the state. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3432 Medieval Philosophy
[Updated description] This course offers an examination and analysis of representative texts of major figures from Christian, Arabic, and Jewish traditions with particular attention to the question of the relation between philosophical inquiry and religious beliefs. Other topics may include the nature of basic reality, the existence and attributes of transcendent being, and the relation of faith to reason. Prerequisite: one 2000-level PHI course. 3 credits.

PHI 3442 Twentieth-Century Philosophy
[Updated description] A survey of the major figures and movements in twentieth-century philosophy, such as postmodernism, phenomenology, logical positivism, ordinary language analysis, existentialism, and pragmatism. Prerequisite: one 2000-level PHI course. 3 credits.

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: one 2000-level PHI course. 3 credits.

PHI 4995 Independent Study
This course allows the student to engage in a semester-long detailed examination of a philosophical topic. Prerequisite: one 2000-level PHI course and Chairperson’s approval. 1-3 credits.

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.

PHI 5401 Plato and Neoplatonism
[Updated description] Neoplatonism, a philosophical movement beginning with Plotinus, alleges to represent what Plato really meant, to teach and to continue his thought. Along with Plato’s philosophy, it has been profoundly influential on western philosophy, mysticism, and literature. Prerequisite: open to Honors students or instructor’s approval. 3 credits.

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. 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 or instructor’s approval. 3 credits.

Graduate Course

PHI 7342 Business Ethics
[Updated description] This graduate course is designed to illustrate the importance and nuances of ethical behavior in our various roles in today’s competitive business world and our complex consumer society. We learn fundamental ethical theories in philosophy and apply them to issues in business with sample cases. Issues examined include the merits of affirmative action, privacy rights of employees, environmentalism, social responsibility, consumer rights, whether cost savings justify outsourcing production to countries with little or no protection for workers, and whether whistle blowers are protecting the public or betraying others. Prerequisite: one 2000-level PHI course or approval from department Chairperson. 3 credits.

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
[Updated prerequisite] 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 1107. 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.
Project Management [PM] Courses

Business courses appear as Business [BUS], Entrepreneurship [ENT], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], Project Management [PM] and Sports Management [SPM]. 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 718.489.3465.

Undergraduate Level courses

PM 4010 Project Risk Management
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 global environment. 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: IT 3301. 3 credits. Offered as needed.

PM 4020 Finance for Project Managers
This course is designed to provide an overview of the financial aspects of project management. The students will learn the basic financial theory. The course will cover the full life-cycle of financial management of a project starting with how projects are funded, budgets are developed and monitored and correction techniques for cost variances. Prerequisite: IT 3301. 3 credits. Offered as needed.

PM 4030 Optimizing Project Management Teams
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: IT 3301. 3 credits. Offered as needed.

Graduate Courses

PM 6000 Fundamentals of Project Management
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
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 global environment. 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
This course is designed to provide an overview of the financial aspects 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
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 6995 Independent Study
Students who are enrolled in graduate study in Project Management may undertake independent study under the direction of a faculty member. Chairperson’s approval required. 3 credits. Offered as needed.

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.

PSC 1204 American National Government
The constitutional basis, structure, and operations underlying political processes (election, interest representation, and 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.

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. Offered as needed.

**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, and interhemispheric polities). Prerequisite: PSC 1202. 3 credits. Offered as needed.

**PSC 2306 Metropolitan Government and Politics**
Definition of the metropolitan region; traditional urban and suburban forms of government; the politics of reorganization; metropolitan forms of government; regional socio-economic problems and public policies. Prerequisite: 15 college credits. 3 credits. Offered as needed.

**PSC 2309 Public Administration**
A study of administration in terms of theory and practice. Closely examines the interrelationships of public administration with the political, governmental, and private environments. Surveys decision making, financial administration, administrative organization, legislative and judicial administration, and administrative responsibility. Prerequisite: PSC 1204. 3 credits. Offered as needed.

**PSC 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. Offered as needed.

- 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: HIS-1201. 3 credits. Offered as needed.

**PSC 2335/HIS 2335 Political Themes in American Films**
This course examines 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. 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, and relationships with other ethnic, racial and religious groups. It also examines the contemporary status, behavior and attitudes of Italian-Americans. Prerequisite: 15 college credits. 3 credits. Offered as needed.

**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.
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. Offered as needed.

PSC 2410 Political Leadership
This course will explore the concept of Leadership and will begin by investigating the leadership potential in all individuals; differentiating leadership from management, defining leadership as it pertains to all aspects of American society and identifying the basis for leadership. It will investigate and analyze diverse theories of leadership along with discussion on human motivation. It then emphasizes the core traits and other personal qualities deemed to be required by successful leaders. The course will also focus on the leaders character as the basis for leading and for ethical decision-making in an organizational context. Prerequisites: PSC 1202 or PSC 1204. 3 credits. Offered as needed.

PSC 2415: Electoral Behavior and a Changing Electorate
[New Course] This course is a study of American identity politics. American political parties have been a part of the political process from the beginning, yet most voters identify less with parties today than they do with ideology. This course will explore electoral theories, such as “Critical Elections” and “Responsible Parties,” as well as comparing multi-party systems with a two-party system. The course will also focus on how America’s economic history has affected political identity. Prerequisites: PSC 1202. 3 credits. Offered as needed.

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.

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. Offered as needed.

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. Corequisite: PSC 3406. 3 credits. Offered as needed.

PSC 3450 Political Science 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. Required for all Political Science majors. Prerequisites: PSC 1202 or PSC 1204; major in Political Science, junior or senior standing. 3 credits. Spring Semester.

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.

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 3450. Senior standing. 3 credits. Fall semester.

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.

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**Psychology [PSY] Courses**

For specific course information, contact the Psychology department in room 7012 or call 718.489.5415.

**PSY 1000 Foundations in Information Literacy and Research**

[New course] An introductory course to familiarize students with the necessary skills required to successfully engage in independent research. Specifically, students will develop a knowledge base of how to search for information, how to select appropriate sources of information, and to organize information for scientific research purposes. In addition, students will learn the fundamentals of APA style and basic statistics to enhance their empirically-based research presentations and papers. This course is NOT intended for PSY majors, and is part of the General Education Program. Lab fee. 3 credits. Fall and spring semesters; day & evening.

**PSY 1100 General Psychology**

[Updated description] General introduction to the basic concepts, methods, and findings of contemporary psychology. This course is part of the General Education program as well as a required course for Psychology majors. 3 credits. Fall and spring semesters; day and evening. Winter and summer; offered as needed.

**PSY 1101 Introduction to Psychological Research**

[Updated Description] Designed for Psychology majors, minors, and undeclared students with a strong interest in psychology. This course is part of the General Education Program and is required as a prerequisite for most psychology courses in the major. 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 studies 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/minor program. Prerequisite: PSY 1100. Three lectures and one recitation hour per week. Lab fee. 4 credits. Fall and spring semesters; day. Summer; offered as needed.

**PSY 1103 Developmental Psychology I: Childhood and Adolescence**

[Updated Description] An examination of biological, cognitive, psychosocial, and socio-cultural aspects of human development from conception through adolescence. A specific focus will be centered on understanding how the dynamic process and interaction of genetic (nature) and environmental (nurture) factors influence and shape individuals’ identities and personhood in infancy, childhood and adolescence. This course is part of the General Education program as well as a required course for Psychology majors. 3 credits. Fall and spring semesters; day. Summer; offered as needed.

**PSY 1104 Developmental Psychology II: Adulthood and Aging**

A study of the adult life cycle examining the physical, cognitive, emotional, and behavioral changes throughout early, middle, and late adulthood. 3 credits. Offered as needed.

**PSY 1108 Life-Span Development**

[Updated Description] Designed for students in the College nursing program and covers significant stages of physical, cognitive and psychosocial development from infancy through adulthood. Major theories of human development across the life span are discussed. Related research findings that support our understanding of the human life cycle include topics such as developmental milestones, human interactions/communication, and the biopsychosocial changes that are expected as we age. Each of these will be considered in from a cross-cultural perspective. Not to be taken for credit if students have taken PSY 1103 or PSY 1104. This course is part of the General Education program. Non-majors only or with departmental permission. 3 credits. Fall and spring semesters; day and evening.
PSY 1114 Human Sexuality
[Updated Description] A social-psychological approach to the study of human sexual behavior. Students will be introduced to research design and major findings in the field of human sexuality. Topics discussed include the physiology and the expression of sexual behaviors, communication, pregnancy and birth, sexuality throughout the lifespan, challenges/difficulties in sexual functioning. Topics are explored in the context of today's American society and from a cross-cultural perspective. 3 credits. Offered as needed; evening.

PSY 2130/CJ 3070 Addictions I
[Updated Description] Review of research, theories, and interventions used in the assessment and treatment of different types of addictions including, but not limited to, substance-abuse and gambling. Prerequisite: PSY 1100 or SOC 1000. 3 credits. Offered as needed; evening.

PSY 2131/CJ 3075 Addictions II
Review of therapeutic techniques for treating different types of addictive behavior. Outside resources are used to supplement class materials. Prerequisite: PSY 2130/CJ 3070. 3 credits. Offered as needed; evening.

PSY 2205 Psychology of Learning
[Updated Description] An introduction to the principals of learning theory as well as discussion of significant research findings in the areas of learning, memory, motivation, and behavior modification. Students are required to conduct a research study and present their findings at the SFC Psychology Science Fair as part of the course requirements. Prerequisite: PSY 1101. 3 credits. Fall and spring semesters; day.

PSY 2209 Introduction to Positive Psychology
[Updated Description] An investigation into the paradigm shift from mental illness to mental health and the psychology of the whole person. One of the field’s central missions is the development of a classification of human strengths and virtues that constitute character. Concepts such as resiliency, human strengths, virtues, as well as empirical research supporting various techniques to enhance optimism, decrease stressors, and significantly increase well-being are explored. Prerequisites: PSY 1100. 3 credits. Offered as needed; evening, occasionally hybrid format.

PSY 2229 Psychology of Women
[Updated Description] An overview of understanding women from a psychological perspective. Course topics such as gender, relationships, communication, sexuality and work will form the core of issues through which we will explore women, their contributions and their struggles. By reviewing the latest research findings and theoretical underpinnings of women's issues, you will gain an appreciation for women's studies and women in their own right. 3 credits. Offered as needed; evening.

PSY 2230 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, and technology-assisted education. 3 credits. Offered as needed; day and evening.

PSY 2233/ED 2040 Psychology of the Exceptional Child
Considers the physical, intellectual, emotional, and psychosocial characteristics of the “atypical” child. 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 are explored. 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 for ED majors. Field Experience: 15 hours. 3 credits. Fall and spring semesters; day.

PSY 3300 Statistical Methods in Psychology
The use of statistics in psychology including 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/minor program. Three lectures and one lab hour per week. Lab fee. 4 credits. Fall and spring semesters; day. Offered as needed; summer.

PSY 3301 Qualitative Research in Psychology
[Updated Description] An overview of the theoretical and philosophical background of qualitative research methods in psychology is provided in comparison to those of quantitative research methods. Fundamental skills to conduct a qualitative study are taught using various hands-on activities such focus group discussions and interviews. Students participate collaboratively with their classmate and their instructor to analyze/interpret provided data sets. Students will design a qualitative study and collect and report the findings in an APA Style paper. This course is especially helpful for those wishing to pursue a graduate degree. Prerequisites: PSY 1101 and PSY 3300. 3 credits. Spring semester; day.

PSY 3307 Theories of Personality
[Updated Description] A comparison of principal personality theories with special focus on the development of personality as well as its structure and behavioral implications. Prerequisite: PSY 1101 and two 2000-level or higher PSY courses. 3 credits. Offered as needed; evening.

PSY 3312 Social Psychology
[Updated Description] Selected topics in areas such as conformity, obedience, sexual attitudes and behavior, aggression, prejudice, and the distinction between the view of human nature as stemming from biological versus social influences (i.e., nature vs. nurture debates). Prerequisite: PSY 1101 and two 2000-level or higher PSY courses. 3 credits. Fall and spring semesters; day.
PSY 3320 Cognitive Psychology
[Updated Description] An introduction to the science of cognitive psychology covering topics such as perception, concept formation, attention, language, decision making, memory and persuasion. Emphasis is placed on the distinction between conscious and non-conscious processing - in particular how mental processes outside of our awareness influence our behavior. Prerequisites: PSY 1101 and two 2000-level or higher PSY courses. 3 credits. Fall and spring semesters; day.

PSY 3360 Psychobiology
[Updated Description] Study of the brain and the nervous system in relation to behavior. Basic neuroanatomy as well as the organizational structure of the nervous system as a whole is discussed. Biological influences are explored in relation to areas of interest such as memory, motivation, emotion, sleep, addiction, and causes/treatments of mental illness. Prerequisites: PSY 1101 and two higher PSY electives. 3 credits. Fall and spring semesters; day.

PSY 3380/ICS 3380 Cross-Cultural and Multicultural Psychology
[Updated Description] Focuses on both the universal and the culture-specific aspects of human behavior, as well as theories, and research methods in the field of cross-cultural and multicultural psychology. Topics including concepts of self, stereotyping, prejudice, gender roles, belief systems, cross-cultural contact, culture change, views of morality, and multiple identities (in and across societies) are examined. Prerequisite: ICS 1241 or PSY 1103 or higher. 3 credits. Fall and spring semesters; day.

PSY 3381 Children and Adolescents in Cross Cultural Perspective
[Updated Description] A broad review of primary sources examining how children and adolescents around the world develop and are socialized. Emphasis is placed on cross-cultural findings on topics such as attachment, parenting, schooling, peer relations, socialization, and immigration. Issues relating to children and adolescents growing up in American immigrant families are also explored. Prerequisites: PSY 1100 or PSY 1103 and PSY 3380. Offered as needed.

PSY 4000-4199 Seminar in Psychology
[Updated Description] An in-depth examination of one topic chosen to reflect an intersection between the interests of our students, specialties of the instructors, and current trends in the field of psychology. Topics include, but are not limited to, cross-cultural and international psychology, clinical and counseling psychology, school psychology, forensic psychology, relationships and attachment, animal cognition and behavior. Prerequisites: PSY 1101 and two 3000 and/or 4000 level PSY courses. 3 credits. Fall and spring semesters; day and evening.

PSY 4409 Abnormal Psychology
[Updated Description] An examination of abnormal behavior focusing on DSM-5 diagnoses. Discussion will incorporate differing views of the etiology and treatment of abnormal behavior such as schizophrenia and depression from different theoretical and historical perspectives. Classification of abnormal behavior in consideration of biological, psychosocial, and socio-cultural viewpoints are discussed. Prerequisite: PSY 1101, PSY 1103 and one 3000-level PSY course. 3 credits. Fall and spring semesters; day. Offered as needed; evening.

PSY 4411 History and Systems of Psychology
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 and spring semesters; day.

PSY 4420 Applied Psychology
[Updated Description] Supervised fieldwork in selected settings including (but not limited to) schools, hospitals, social service agencies, city and federal agencies, and businesses. Students participate in two class meetings per week on campus where they focus on how previous coursework might be applied in various career paths. Foci are also on professional ethics and assistance in the clarification of student interests. Students are assisted in clarifying their career-related goals. Requires 100-hours of supervised field experience that is pre-approved by the professor. Prerequisite: PSY 1101 and two 3000-level PSY courses. 4 credits. Fall and spring semesters; day.

PSY 4461 Sensation and Perception
[Updated Description] Overview of the sensory systems, topics include the traditional five human senses (vision, hearing, taste, smell and touch) but more unique topics such as pain perception, phantom limbs, visual and auditory illusions, and sensory mapping are explored. Prerequisite: PSY 1101 and PSY 3360. 3 credits. Spring semester, day.

PSY 4990, 4991 Field Experience in Psychology I, II
Observation and supervised experience within selected applied settings. If interested please speak with your academic advisor. 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. If interested please speak to your academic advisor. Prerequisites: PSY 4999 and approval of the department Chairperson. 1-3 credits per semester. Every semester; day and evening.

PSY 4998 Experimental Psychology I
[Updated Description] The first course in a two-semester senior thesis requirement for all psychology majors (see PSY 4999). Research methodology emphasizing experimental design is covered. Students conduct a comprehensive review of research literature on a chosen topic, write a detailed review paper of their research, and develop a research question and hypothesis for implementation in PSY 4499 (Experimental Psychology II). This course partially satisfies the requirement for the senior thesis in psychology. A grade of C or better in this course is required to continue in the psychology major program. Prerequisite: PSY 3300. Three lectures and one recitation hour per week. Lab fee: 4 credits. Fall and spring semesters; day.
PSY 4999 Experimental Psychology II
[Updated Description]A continuation of Experimental Psychology I (PSY 4998). Students develop research procedures for their proposed experiment from PSY 4998, gather appropriate participants, collect data, conduct statistical analysis, and write a research paper in APA Style. Students also present their projects at the Psychology Science Fair held at SFC. Along with successful completion of PSY 4498, this course satisfies the requirement for the senior thesis in psychology. A grade of C or better in this course is required to continue in the psychology major program. Prerequisite: PSY 4998. Three lectures and one lab hour per week. Lab fee. 4 credits. Fall and spring semesters; day.

PSY5011-01: Attachment and Attraction: The Science of Relationships
Examines the neuropsychological, biological, evolutionary, and sociological perspectives of human bonding. As a class we will look at attachment from birth until death to determine what leads to a lasting relationship. Attraction, mating, love, commitment, and divorce will all be discussed, as well as implications for this science in our everyday lives and its impact on life satisfaction and well-being. Open to Honors Students. 3 credits. Offered as needed.

PSY-5352/ REL 5352 Images of Human Nature I
Conceptions of human nature as these have existed in Eastern, and Western cultures are investigated. 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 5470 Seminar: Children and Adolescents in a Cross-Cultural Perspective
Focuses on psychosocially and culturally-oriented studies of children and adolescents conducted by social scientists in western and nonwestern countries. Students will work to arrive at a global understanding of childhood including the cultural, economic, ecological, and political conditions influence developmental trajectories in a wide variety of cultural groups. Prerequisite: Open to Honors Students. 3 credits. Offered as needed.

Graduate Courses

PSY 6205 Learning and Motivation
[Updated Description]Examines theories and research in the field of learning and motivation and their implications for practice. Biological, cultural and environmental/contextual influences upon motivation are discussed. Focus is on how psychologists can use current knowledge in learning theory, along with motivational factors, in the applied areas of the discipline. These include areas such as education, mental health, and forensics. 3 credits. Fall semester; day.

PSY 6207 Psychological Assessment and Diagnosis
[Updated Description]Introduction to the broad field of psychological assessment with focus on theoretical, experimental, and practical approaches to measuring behavior in applied settings. Relevant topics include the history of psychological assessment, the importance of reliability and validity in the development of assessment instruments, and the main types of assessments that psychologists/therapists use in practice and research. The most common techniques and instruments used to assess achievement, IQ and neuropsychological functioning will be reviewed. The benefits, limitations, and ethical implications of psychological assessment are explored. Discussion of diagnosis, report writing, and treatment planning will round out this course. 3 credits. Fall semester; day.

PSY 6213 Group Theory and Counseling
[Updated Description]Provides a conceptual and experiential introduction to group dynamics. Focus include approaches to group counseling, techniques and styles of group leadership, and the facilitation of group processes in counseling and other situations. It is designed to introduce students to group work with adults, youths, and children in various settings by conducting counseling groups within the classroom and with the instructor. Prerequisite: PSY 6205. 3 credits. Spring semester; day.

PSY 6233 Psychological Aspects of Disabilities
[Updated Description]An integration of information about the medical and social aspects of disability along with the potential psychological problems that may ensue. Functional abilities and limitations will be considered along with the medical and psychological terminology needed to understand physicians’ and psychologists’ reports. Topics include how societal factors such as stigma and lack of resources may affect those with disabilities as well as the dynamics of adjustment, conflicts that may arise from disabilities, coping mechanisms, and the impact on the individual and their families. 3 credits. Fall semester, day.

PSY 6360 Cognitive Neuroscience
[Updated Description]Focuses on the neural basis of cognition and the exciting area of neuroplasticity. Readings and discussions center on research in the field pertaining to individuals with and without brain damage using both behavioral and physiological methods. Specific topics of cognition include neural development, memory, language, pain, aphasia, synesthesia, and the biological basis for disorders (e.g., schizophrenia, depression, anxiety, and autism). Brain damage and related rehabilitation is also discussed in relation to neuroplasticity. 3 credits. Spring semester; day.

PSY 6380 Psychology of Diversity
[Updated Description]An advanced course examining theories, methods and findings in multicultural psychology, with emphasis given to the impact culture has on human perception and experience. Issues such as the complexity of identity, privilege and oppression, and the importance of cultural contexts in counseling and other settings are explored. Prerequisite: PSY 6205. 3 credits. Spring semester; day.

PSY 6401 Foundations of Counseling
[Updated Description]This course explores different theoretical foundations and their practical implications in psychological counseling. Focus is on various orientations such as psychodynamic, cognitive-behavioral, and humanistic-
existential. Students will learn the effectiveness of using different perspectives in treatment. Prerequisite: PSY 6205. 3 credits. Fall semester; day.

PSY 7101 Professional Issues and Ethics
[Updated Description]Focuses on standards of professional conduct and ethical issues within the field of psychology. Students will be familiarized with ethics codes and develop an ability to apply these codes to a variety of situations including privacy, treatment of clinical clients, research design, treatment of research participants, and standards of professional conduct within the field. Emphasis is on the development of students' ability to apply ethical standards in a variety of situations. With Includes discussions of ethical dilemmas that may arise when working in a variety of settings with clients, research participants, and non-human animals. Prerequisite: PSY 6205. 1 credit. Spring semester; day.

PSY 7012 Behavioral Assessment and Intervention
[Updated Description]Expands upon the general principles of assessment introduced in PSY6207 (Behavioral Assessment and Diagnosis) to illustrate applications of assessment to planning and evaluating clinical interventions. Students will gain an understanding of how operant conditioning triggers and maintains behaviors and cognitions. Behavioral assessment recording and monitoring techniques, including ABA designs, and instruments used in diagnosis will be discussed. A review of how to implement behavior change including the use of shaping, successive approximation, in vitro/in vivo techniques using relaxation and imagery will be reviewed. Prerequisite: PSY 6205. 3 credits. Spring semester; day.

PSY 7330 Advanced Experimental Methods and Statistics
[Updated Description]Centers on advanced design and statistical analyses in research. Course content includes various methodologies beyond those learned at the undergraduate level. Methodologies focus on core principles of quality research and the importance of understanding the context in which science occurs. A higher order, more complex understanding of data analysis will compliment research design discussions and exercises. Prerequisite: PSY 6205. 3 credits. Fall semester; day.

PSY 7400 Graduate Seminar
[Updated Description]Discusses current research and theories for an in-depth examination of one topic chosen to reflect an intersection between the interests of our students, specialties of the instructors, and current trends in the field of psychology. Topics include, but are not limited to cross-cultural child development, relationships and attachment, and the nature of consciousness. Prerequisite: PSY 6205. 2 credits. Spring semester; day.

PSY 7990 Supervised Practicum I
[Updated Description]First part of a two-semester course (see PSY7991). Students apply their coursework and foundational knowledge of psychology in a chosen area of interest by engaging in 300 hours of supervised fieldwork over the two-semesters. Approximately one-half (150 hours) of fieldwork should be completed by the end of this course. Students also participate in meetings with their practicum instructor on campus. Placements have included (but are not limited to) schools, hospitals, social service agencies, human resources, city and federal agencies, and businesses. The placement should reflect student career interests and students are responsible for finding their own placements with help from faculty as needed. 3 credits. Fall semester; day and evening.

PSY 7991 Supervised Practicum II
[Updated Description]A continuation of PSY 7990. Students continue their onsite work and complete their 300 hours in their practicum field placement. An APA Style paper integrating a research literature review with their practical experiences in the field is required, as well as a presentation to the Department of the culmination of their work for PSY 7990 and 7991. Prerequisite: PSY 7990. 3 credits. Spring semester; day and evening.

PSY 7998 Supervised Thesis I
[Updated Description]First part of a two-semester course (see PSY7999). Designed for students interested in further pursuing their graduate career, especially at the doctoral level. With supervision from a research mentor, students develop a research rationale/hypothesis and successfully create a research proposal. After the proposal is approved by a thesis committee, students complete a written literature review on their topic that will serve as the Introduction section to their final thesis paper. An application for IRB approval will be completed and submitted to their academic committee for review. 3 credits. Fall semester; day and evening.

PSY 7999 Supervised Thesis II
[Updated Description]A continuation of research from Supervised Thesis I (PSY7998). This course will culminate in an APA Style paper that is of publication quality in a peer-reviewed journal. Students orally defend their thesis to the academic committee assembled during Supervised Thesis I (PSY 7998). Prerequisite: PSY 7998. 3 credits. Spring semester; day and evening.

Religious Studies [REL] Courses
For specific course information, contact the Philosophy and Religious Studies department in room 6009 or email Dr. John Edwards at jedwards1329@sfc.edu.

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.

REL 1106 St. Francis and St. Clare
This course will examine the lives and legacy of St. Francis and St. Clare of Assisi. The investigation will cover a broad understanding of the world in which Francis and Clare lived, and the paradoxes of medieval Italian life that contributed to Francis and Clare’s lives and messages of simplicity and devotion to God as well as the development, influence and continuity of the
Franciscan tradition. Attention will be given to St. Bonaventure, Blessed John Duns Scotus and other notable Franciscans. The course will also explore and consider Franciscan values, principles and spirituality. 3 credits. Offered as needed.

REL 1107 Sacred Movement Sacred Space
This course will explore the idea of pilgrimage as an ancient and intentional journey to a sacred site as practiced within the Christian Tradition. Topics for exploration will include, sacred journeys both past and present; pilgrimage as metaphor; human formation; transformative learning experiences that make connections with the cognitive, embodied and spiritual; pilgrimage and healing; the spiritual vs. religious journey as well as the communal vs. solitary journey; the spiritual, mental and physical challenges faced by the pilgrim; inward and external experiences; sacred movements and sacred spaces of the pilgrimage route. 3 credits. Offered as needed.

REL 1112 Death and the Afterlife
This course surveys death- and afterlife-related beliefs, practices, and symbols across a wide range of religious traditions. Topics to be explored include religious conceptions of death, the soul, and the afterlife (e.g., salvation, liberation, reincarnation); death and funerary rituals; religious perspectives on bioethical issues (e.g., suicide, euthanasia, organ donation); religious interpretations of near-death experiences; and the historical changes in (and challenges to) death- and afterlife-related beliefs and practices. 3 credits. Every semester; day and evening.

REL 1201 The Christian Tradition
An introduction to the major people, ideas, events and movements in Christian history. This course covers Jesus, Paul and the earliest Christians, the diversity of the Christian movement in the second and third centuries, the rise of imperial Christianity, the Christological controversies, the division between Eastern and Western Christianity, the power of the medieval church, Protestantism, the Enlightenment and Christianity in the modern world. 3 Credits. Every Semester; day.

REL 1202 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 1203 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 1204 Quranic Arabic
An introduction to the study of Quranic Arabic vocabulary and grammar. Students will learn to translate basic texts from the Quran and related Classical Arabic texts, including the medieval Arabic translation of the Hebrew Bible, and to understand the religious movements that produced these texts. Prerequisite: recommended one 1000 level REL course. 3 credits. Offered as needed.

REL 1206 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, day.

REL 1301 Introduction to the Hebrew Bible
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 1302 Introduction to the New Testament
An introduction to the New Testament and the larger Christian movement from Jesus through the end of the second century. This course examines the diverse set of early Christian writings in their original contexts. Primary focus is given to the first-century writings contained in the New Testament. Additional attention is given to Christian writings from the second century that are not included in the New Testament. The historical Jesus is also discussed. 3 credits.

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.

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. Offered as needed.

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. Offered as needed; day.

REL 2108 Zen Buddhism
[New course] A topic based, multi-disciplinary, historical and experiential approach to Zen Buddhism: its origins and development; doctrines and practices; influence on art, literature, and design; and its current forms in modern global societies, including Engaged Buddhism and the relationship between Zen Buddhism and modern science and psychology. Prerequisite: Any 1000-level REL course. 3 credits.

REL 2110/GRK 1101 Biblical Greek I
An introduction to the study of Biblical Greek vocabulary and grammar. Students are enabled to translate basic texts from the New Testament and the Septuagint. 3 credits. Every semester; day and evening.

REL 2111/GRK 1102 Biblical Greek II
Building on REL 2xxx, this course completes the Biblical Greek Grammar. Students are enabled to translate texts from the New Testament and the Septuagint. Students are also introduced to the fields of textual criticism and translation studies. Prerequisite: REL 2110. 3 credits. Every semester; day and evening.

REL 2113 American Evangelicalism
[New Course] One in every four Americans self-identifies as an evangelical Christian. While evangelicals often think of themselves as cultural outsiders, they have an enormous impact on America’s moral, political, financial, and spiritual life. Woven within a history of evangelicalism in America, this course examines the variety and development of evangelical perspectives on various topics, including gender, science, economics, and apocalypticism. Prerequisite: Any 1000-level REL course. 3 Credits.

REL 2200 Religion in Israel/Palestine
[New Course] This course offers students a nine-day study-abroad experience in Israel and the Palestinian territories, a land whose history and major cities and sites allow a unique opportunity to explore the history and development of the Biblical literature, as well as of the three major monotheistic faiths: Judaism, Christianity, and Islam. On-site learning, coupled with reading prior to the trip and a reflective essay after returning, will allow students to explore major aspects of religion in Israel/Palestine as it relates to their own interests, majors, or career paths. Prerequisites: Any 1000-level REL course, valid passport required. 3 credits.

REL 2204 Religions of India
An introduction to the religious traditions originating in India (with the exception of Buddhism, covered in REL 1206): 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.

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 20th century, examining basic themes and the Church’s response to critical contemporary issues. 3 credits. Fall semester; day.

REL 2402 Sacraments of the Catholic Church
The Roman Catholic Church holds that there are seven outward signs instituted by Jesus Christ to give grace. These signs are called sacraments. The sacraments are doors to the sacred unity God gave to us through the visible actions of Jesus Christ as the Mediator. This course will focus on the definition of the word ‘sacrament’ and, provide a full understanding of the Seven Sacraments in the Roman Catholic Church's tradition and teachings. 3 credits.

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.

REL 4991 Thesis Direction
A work of independent research and interpretation in the student’s area of special interest, to be completed in the student’s senior year as part of the requirements for the Major in Religious Studies.

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 5355 Early Christian Gospels
[New Course] This course is designed to lay the foundation for modern academic study of the early Christian gospels. Using the historical-critical approach, students are exposed to the important issues in gospel research. The course focuses on understanding the historical context for the early Christian gospels, examining the gospels individually, and discerning what the gospels might tell us about the communities that created and transmitted stories about Jesus. Prerequisite: Open to Honors students. 3 credits. Offered as needed.

REL 5356 Buddhist Biography
This course explores traditional life stories of Buddhist saints. Genres examined include biography, autobiography, and biographical compendia. Although some attention will be given to reviewing secondary scholarship, this course emphasizes the reading of primary texts (mostly from the Indian and Tibetan Buddhist traditions) in translation. This course emphasizes the development of text-based research skills. Prerequisite: Open to Honors students. 3 credits.

Science [SCI] Courses
For specific course information, contact the Chemistry and Physics department in room 7202 or call 718.489-5295.

SCI 1001 General Earth Science I
A study of the Solar System, basic concepts of climate, study of the structure and composition of the Earth. Two lectures and two hours of laboratory and demonstration each week. Lab fee. 3 credits. Fall or spring semester as needed; evening.

SCI 1002 General Earth Science II
Continuation of SCI 1001. Prerequisite: SCI 1001. Lab fee. 3 credits. Fall or spring semester as needed; evening.

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 preservation 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.

SCI 5002 Honors Seminar: Understanding Our Environment
[New Course] 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, Global Warming, Energy, Water Availability, and Biodiversity. 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. Offered as needed.

**SCI 5003 Short History of Nearly Everything**

[New Course] Science is not, as you may imagine, a series of technically dense theories, with heavy calculations and mind-bending feats of logic. Oh no! Science is interspersed with humour, betrayal, sadness; the full range of human experience... and a series of technically dense theories with heavy calculations and mind-bending feats of logic. This course will not only provide you with an overview of the best scientific ideas of what we currently understand, but also the various trials and tribulations of the personalities of those individuals that brought us those ideas. 3 credits. Offered as needed.

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### St. Francis College [SFC] Courses

For specific course information, contact the Center for Student Success in room 3001 or call 718.489.3443.

**SFC 0040 Reading, Writing, and Study Skills Workshop**

Placement into this course is based on the result of the college’s Writing Placement Exam in addition to other pertinent criteria. This course assists native speakers and English Language Learners (ELL) develop the skills needed to meet the demands of academic essay writing. The course is a writing workshop that is linked to one of three courses on a rotating basis that satisfy general education requirements. Co-registration is required. Students develop reading, writing, and study skills within the discipline of the linked course. The workshop is offered three hours a week. No credit. Every semester, day.

**SFC 1001 Freshman Seminar**

Required for all full-time traditional freshmen students at the college. The course gives freshmen the chance to familiarize themselves with the expectations of college life, and provides students with information on St. Francis’s policies, college level study skills, and student life. The course also lays the groundwork for choosing a major and planning careers, as well as organizing academic plans for the completion of a college degree. Freshman Seminar gives students an opportunity to discuss important issues like balancing personal and academic life, making the transition to college from high school, and utilizing campus resources. The interaction with fellow freshmen and academic advisors helps students feel more connected to the college and campus. This course meets once a week and students receive a letter grade based on the College’s grading policy. 1 credit. Every semester. Day.

**SFC 2001 Career Planning Seminar**

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 career inventories and resume building software is also a major component to the course. Offered as needed. 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 718.489.5446.

**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.

**SOC 2000 Social Problems**

This course is an inquiry into the nature of social problems, and examines their 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 2030 Introduction to Social Work**

Designed to introduce students to the field of social work, this course addresses 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 group (such as families, children, the elderly, the mentally ill, substance abusers, the formerly incarcerated, 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. The significance of linguistic and physical anthropology as well as archeology are also examined. Prerequisite: SOC 1000 or ICS 1240 or ICS 1241. 3 credits. Offered as needed.
SOC 2060 Child Welfare
This course traces the development of rights of the child in relation to parental rights. It also explores the methods of care of dependent and neglected children in their own homes, foster homes, and institutions, and reviews the adoption process and different and emerging approaches in family and child care. Prerequisite: SOC 1000. 3 credits. Spring semester.

SOC 2070 Sociology of Minority Groups
[Updated description] The course analyzes the history and current realities of racial, ethnic, and religious groups in the U.S., including the extent to which racial, ethnic, and religious identity determine and impact life changes. Issues related to sexual and gender minorities are also addressed. Prerequisite: SOC 1000. 3 credits. Every semester.

SOC 3010 Sociology of the Family
[Updated description] This course explores the structure and functions of the family, and also compares families in primitive and contemporary societies to better understand the nature of problems associated with post-industrial societies. Prerequisite: SOC 1000. 3 credits. Spring semester.

SOC 3020 Theory and History of Sociology
A systematic survey of the origins and growth of sociological theory. This course includes a study of early sociologists thinkers such as Max Weber, Karl Marx, Emile Durkheim, and George Simmel, as well as an overview of contemporary sociological theory and thought. Prerequisite: SOC 1000. Junior or senior standing. 3 credits. 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 3060 Law and Society
[Updated description] This course emphasizes the social, political, cultural and historical aspects of the law, rather than studying the law through legal doctrines, statutes or opinions. This course also enables students to understand how the law is informed by social change and inequality. How the law seeks to achieve objectives such as compliance, deterrence and social control is evaluated and analyzed too. Prerequisite: SOC 1000. 3 credits. Fall semester.

SOC 3130/ENG 3130 Crime, Justice, and American Fiction
[Updated description] This course is designed as an introduction to representations of crime and justice in contemporary American fiction. The course will focus on constructions of crime and justice in literature, comic books, and film. 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 ENG course 2000 or higher. 3 credits. Offered as needed.

SOC 3196/HIS 3196 Interpreting the 1960s
This course is designed as 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 exposed to the transformative cultural, artistic, and social movements of the period. The course will begin with an exploration of the 1950s as prelude including the early civil rights movements. It will then move on to the Kennedy administration, Freedom Summer, the legislative and policy initiatives of the Great Society, an analysis of the social movements and culture of the second half of the decade, with particular focus on the anti-war, feminist, and Black Power movements, and concludes with an assessment and study of the legacy of the 60s social movements, including the emergence of identity politics. Prerequisites: SOC 1000, and HIS 1201. 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
[Updated description] This course introduces students to the methods and techniques of sociological research. We will explore the kinds of methods social research adopt, the contexts in which certain methods are used, and the benefits, drawbacks and ethical implications involved in different research methods. We will also engage in a critical perspective on quantitative and qualitative data analysis techniques. Prerequisite: SOC 1000. 3 credits. Every semester.

SOC 4990 Internship
[Updated description] Students will intern at approved sites or organizations in the fields of law, social service, or criminal justice. They will have to complete 135 hours of work at the approved organization, and they will have to complete written assignments about the work completed as well as midterm and final paper about their experience. 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
[Updated description] Students will intern at approved sites or organizations in the field of social work. They will have to complete 135 hours of work at the approved organization, and they will have to complete written assignments about the work completed as well as midterm and final paper about their experience. Prerequisites: SOC 2030; junior or senior standing. 3 credits. Offered as needed.

SOC 4992 Social Work Practicum II
Students will intern at approved sites or organizations in the field of social work. They will have to complete 135 hours of work at the approved organization, and they will have to complete written assignments about the work completed as well as midterm and final paper about their experience. 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
[Updated description and prerequisite] A capstone seminar designed solely for senior Sociology majors to apply their acquired sociological knowledge to a senior thesis paper or comprehensive exam. This course requires weekly meetings and a formal presentation to the other students in the courses. Prerequisites: Senior standing. 3 credits. Every semester.

SOC 5010/PSY 5010 Contemporary Migration
This course takes a multidisciplinary approach to the study of contemporary migration. The major focus is on the United States with an international context. Migration is related to many central issues for contemporary society, such as international relations, the development of cities, urban politics, social policy, citizenship, as well as racial and ethnic identity. Open to Honors students and others with the permission of the Honors Program Director. 3 credits. Offered as needed. 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.

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. This course presents information about the human genome and the possibilities this knowledge generates for social consideration and social change. Questions such as, Why do we want to study our genes? Who should have access to my 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.

Spanish [SPA] Courses
For specific course information, contact the Foreign Language, Fine Arts, and ICS department in room 5312 or call 718.489.5387.

SPA 1101 Spanish for Global Communication
[Updated title] 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; offered fall evening.

SPA 1102 Upper Beginning Spanish
Continuation of SPA 1101. Bilingual students will not receive credit for this course. Prerequisite: SPA 1101. 3 credits. Offered every semester; 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 Professionals 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 Lower Intermediate Spanish**

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 Upper Intermediate Spanish**

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. Offered as needed.

**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 2104. 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. Offered as needed.

**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 too, and view works of prose, poetry, and drama from Latin American Nobel Laureates. 3 credits. Offered as needed.

**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; day.

**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. Offered as needed; 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; day.

**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
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 and James de la Vega. Prerequisite: Open to Honors Students. 3 credits. Offered as needed; day.

Sports Management [SPM] Courses

Business courses appear as Business [BUS], Entrepreneurship [ENT], Finance [FIN], Human Resources [HR], Marketing [MKT], Operations Research Methods [ORM], Project Management [PM] and Sports Management [SPM]. 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 718.489.3465.

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: BUS 1101 or 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.

Social Studies [SS] Courses

For specific course information, contact the Economics, History, Political Science and Social Studies department in room 5320 or call 718.489.5266.

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 they 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.

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.
Women’s and Gender Studies [WGS] Courses

For specific course information, contact the director, Dr. Sara Rzeczutek in room 7003 or call 718.489.2022

WGS-2001 Intro to Gender Studies
This interdisciplinary course introduces students to the field of Gender Studies. The course examines how sex, gender, and sexuality function in society, culture, politics, scientific interpretation, and in opportunities for and experiences of individuals across the gender and sexuality spectrums. It offers a foundation to various disciplinary and theoretical frameworks for Gender Studies. Prerequisite: COM 1000 or WRI 1100. 3 credits.

Writing [WRI] Courses

For specific course information, contact the English department in room 6003 or call 718.489.5284.

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.

WRI 1100 Introductory Writing
The course guides students in the process of improving writing skills. Through individual and peer group work, 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.

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.

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 Screenwriting and Playwriting
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 Journalism prose, to “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 2250 Business Communication
[Updated description] This course will provide instruction and practice in business writing and professionalism. 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.

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. 3 credits.

WRI 7010 Introductory Residency
[New course] The introductory residency takes place over a ten day, onsite period, where lectures, classes, workshops, readings
and conferences create a community among writers. Students will spend 3 hours per day meeting in workshop groups of 6—9 students under the direction of a faculty mentor. The first residency will introduce new students to workshop procedure and etiquette. The residency workshop is dedicated to the development of student creativity. Students become a part of a community where student writers refine their art through writing, reading, rewriting, talking, debating, listening, criticism and praise. On an individual level, each writer learns the discipline necessary to produce new work on a regular basis, as well as to develop a fastidious editorial aptitude about both their own work and the work of others.

Students will spend 3 hours attending lectures and symposiums on genre and craft, taught by faculty and guest faculty. Introductory residency topics will include: the writing process, story structure, language and voice, characterization, time and place, plot, pacing, point of view, imagery, dialogue, and revision. Some lessons will be genre-specific. In the two weeks leading up to each residency period, students will complete a pre-residency bibliography assignment by assembling a list of 10 books according to the individual student’s stylistic influences, inspirations and literary ambitions. The introductory residency will focus on an investigation of artistic goals. Students will be paired with faculty mentors who will guide them through the two-year program. Additional hours will be spent attending industry related readings, talks and panels. On an individual level, each writer learns the discipline necessary to produce new work on a regular basis, as well as to develop a fastidious editorial aptitude about both their own work and the work of others.

WRI 7020 Intermediate Residency

[New course] The intermediate residency takes place over a ten day, onsite period, where lectures, classes, workshops, readings and conferences create a community among writers. Students will spend 3 hours per day meeting in workshop groups of 6—9 students under the direction of a faculty mentor. The middle two residencies will focus on development of a body of work for revision, exchange of ideas, and aesthetic approaches. The residency workshop is dedicated to the development of student creativity. Students become a part of a community where student writers refine their art through writing, reading, rewriting, talking, debating, listening, criticism and praise. On an individual level, each writer learns the discipline necessary to produce new work on a regular basis, as well as to develop a fastidious editorial aptitude about both their own work and the work of others.

Students will spend 3 hours attending lectures and symposiums on genre and craft, taught by faculty and guest faculty. Introductory residency topics will include: the writing process, story structure, language and voice, characterization, time and place, plot, pacing, point of view, imagery, dialogue, and revision. Some lessons will be genre-specific. Additional hours will be spent attending industry related readings, talks and panels. In the two weeks leading up to each residency period, students will complete a pre-residency bibliography assignment by assembling a list of 10 books according to the individual student’s stylistic influences, inspirations and literary ambitions. Prerequisites: WRI 7010 and WRI 7210, WRI 7310 or WRI 7410. 4 credits. Offered as needed.

WRI 7030 Advanced Residency

[New course] The intermediate residency takes place over a ten day, onsite period, where lectures, classes, workshops, readings and conferences create a community among writers. Students will spend 3 hours per day meeting in workshop groups of 6—9 students under the direction of a faculty mentor. The middle two residencies will focus on development of a body of work for revision, exchange of ideas, and aesthetic approaches. The residency workshop is dedicated to the development of student creativity. Students become a part of a community where student writers refine their art through writing, reading, rewriting, talking, debating, listening, criticism and praise. On an individual level, each writer learns the discipline necessary to produce new work on a regular basis, as well as to develop a fastidious editorial aptitude about both their own work and the work of others.

Students will spend 3 hours attending lectures and symposiums on genre and craft, taught by faculty and guest faculty. Introductory residency topics will include: the writing process, story structure, language and voice, characterization, time and place, plot, pacing, point of view, imagery, dialogue, and revision. Some lessons will be genre-specific. Additional hours will be spent attending industry related readings, talks and panels. In the two weeks leading up to each residency period, students will complete a pre-residency bibliography assignment by assembling a list of 10 books according to the individual student’s stylistic influences, inspirations and literary ambitions. Prerequisites: WRI 7030 and WRI 7230, WRI 7330 or WRI 7430. Offered as needed.

WRI 7040 Master Residency

[New course] The master residency takes place over a ten day, onsite period, where lectures, classes, workshops, readings and conferences create a community among writers. Students will spend 3 hours per day meeting in workshop groups of 6—9 students under the direction of a faculty mentor. The master residency will focus on advancing student’s creative and professional goals in preparation for the thesis workshop and practicum. The residency workshop is dedicated to the development of student creativity. Students become a part of a community where student writers refine their art through writing, reading, rewriting, talking, debating, listening, criticism and praise. On an individual level, each writer learns the discipline necessary to produce new work on a regular basis, as well as to develop a fastidious editorial aptitude about both their own work and the work of others.

Students will spend 3 hours attending lectures and symposiums on genre and craft, taught by faculty and guest faculty. Introductory residency topics will include: the writing process, story structure, language and voice, characterization, time and place, plot, pacing, point of view, imagery, dialogue, and revision. Some lessons will be genre-specific. Additional hours will be spent attending industry related readings, talks and panels. In the two weeks leading up to each residency period, students will complete a pre-residency bibliography assignment by assembling a list of 10 books according to the individual student’s stylistic influences, inspirations and literary ambitions. Prerequisites: WRI 7030 and WRI 7230, WRI 7330 or WRI 7430. Offered as needed.
WRI 7210 Introductory Fiction Workshop and Practicum

[New course] Students learn the art of writing fiction in a tutorial with an individual faculty member. Participants read from master writers, write original work and revise. Through steady interaction, this individualized method of study ensures that students maintain productivity in their daily lives. Students will produce, revise, and polish content, while analyzing and employing established literary and commercial techniques. Ongoing communication with faculty mentor assures students of the support and critique needed to advance their literary and personal goals. The Introductory Tutorial is distinguished by a focus on artistic process, an emphasis on writing exercises, and an exploration of a variety of forms and approaches. Prerequisite: WRI 7010. 4 credits. Offered as needed.

WRI 7220 Intermediate Fiction Workshop and Practicum

[New course] Students learn the art of writing fiction in a tutorial with an individual faculty member. Participants read from master writers, write original work and revise. Through steady interaction, this individualized method of study ensures that students maintain productivity in their daily lives. Students will produce, revise, and polish content, while analyzing and employing established literary and commercial techniques. Ongoing communication with faculty mentor assures students of the support and critique needed to advance their literary and personal goals. The Intermediate Tutorial is distinguished by a focus on reading as a writer, an emphasis on revision and manuscript development, and an exploration of the various collaborative aspects of the writing process. Prerequisites: WRI 7010, WRI 7020 and WRI 7210. 4 credits. Offered as needed.

WRI 7230 Advanced Fiction Workshop and Practicum

[New course] Students learn the art of writing fiction in a tutorial with an individual faculty member. Participants read from master writers, write original work and revise. Through steady interaction, this individualized method of study ensures that students maintain productivity in their daily lives. Students will produce, revise, and polish content, while analyzing and employing established literary and commercial techniques. Ongoing communication with faculty mentor assures students of the support and critique needed to advance their literary and personal goals. The Advanced Tutorial is distinguished by a focus on self-assessment skills, an emphasis on craft issues, and an exploration of the larger literary community. Prerequisites: WRI 7010, WRI 7020, WRI 7030, WRI 7210, and WRI 7220. 4 credits. Offered as needed.

WRI 7240 Thesis Fiction Workshop and Practicum

[New course] Students learn the art of writing fiction in a tutorial with an individual faculty member. Participants read from master writers, write original work and revise. Through steady interaction, this individualized method of study ensures that students maintain productivity in their daily lives. Students will produce, revise, and polish content, while analyzing and employing established literary and commercial techniques. Ongoing communication with faculty mentor assures students of the support and critique needed to advance their literary and personal goals. The Thesis Tutorial is distinguished by a focus on the literary marketplace, an emphasis on completing a polished thesis-length manuscript, and an exploration of writing as a profession. Prerequisites: WRI 7010, WRI 7020, WRI 7030, WRI 7040, WRI 7210, WRI 7220 and WRI 7230. 4 credits. Offered as needed.

WRI 7310 Introductory Poetry Workshop and Practicum

[New course] In this series of classes, students will be working with received forms (e.g. sonnet, villanelle, sestina). There will be a strong reading component with work by both classical and contemporary poets who wrote using poetic forms; students will be encouraged to write in response to, and sometimes in imitation of, the poems they read as a way to enrich their understanding of meter and rhyme. Prompts may be specific as to subject matter and form, or may merely tell students which form to use. Writing in received forms helps lay the groundwork for learning the art and science of poetic practices; adding the reading component allows students to experience some of the ways in which poetry is a dialogue between poets both past and present.

While some class time will be devoted to discussing the poems students have read, the bulk of the time will be spent on workshopping poems written by students. The instructor will model good critical and analytical practices at first, helping guide students to where they will take over much of the workshopping of their own works. By helping others look objectively at their work, each student will begin to develop her own methods for evaluating her work. Prerequisite: WRI 7010. 4 credits. Offered as needed.

WRI 7320 Intermediate Poetry Workshop and Practicum

[New course] In this series of classes, students will be working with received forms (e.g. sonnet, villanelle, sestina). There will be a strong reading component with work by both classical and contemporary poets who wrote using poetic forms; students will be encouraged to write in response to, and sometimes in imitation of, the poems they read as a way to enrich their understanding of meter and rhyme. Prompts may be specific as to subject matter and form, or may merely tell students which form to use. Writing in received forms helps lay the groundwork for learning the art and science of poetic practices; adding the reading component allows students to experience some of the ways in which poetry is a dialogue between poets both past and present.

This series of classes will build upon what students experienced in Workshop 1 by continuing with a strong reading component. While some of the poems students read may be in received forms, many of them will not; this will help students continue to expand their understanding of meter and rhyme by demonstrating how these components are used in poems which do not follow traditional forms.

As with Workshop 1, students will be writing in response to the poetry they read. Prompts will be focused on topics (e.g. nature, the body) and/or may require students to imitate or even confront a poem they have read. Much of the class time will be spent on workshopping student writing. Prerequisites: WRI 7010, WRI 7020, and WRI 7310. 4 credits. Offered as needed.
WRI 7330 Advanced Poetry Workshop and Practicum

[New course] In this series of classes, students will be working with received forms (e.g. sonnet, villanelle, sestina). There will be a strong reading component with work by both classical and contemporary poets who wrote using poetic forms; students will be encouraged to write in response to, and sometimes in imitation of, the poems they read as a way to enrich their understanding of meter and rhyme. Prompts may be specific as to subject matter and form, or may merely tell students which form to use. Writing in received forms helps lay the groundwork for learning the art and science of poetic practices; adding the reading component allows students to experience some of the ways in which poetry is a dialogue between poets both past and present.

While there may be a small reading component to this workshop series, most of each class will be spent workingshopping student poetry. The focus here will be on beginning to prepare the thesis (a chapbook-length manuscript), and students may work on both poems from previous workshops and new ones. In addition to workshop sessions, there will be a number of meetings dedicated to discussing publishing procedures and opportunities. Instructors are encouraged to bring in editors and publishers who can speak directly to industry practices. By the end of this workshop, students should have a minimum of 15 poems they believe will be the basis for their thesis. Prerequisites: WRI 7010, WRI 7020, WRI 7030, WRI 7310 and WRI 7320. 4 credits. Offered as needed.

WRI 7340 Thesis Poetry Workshop and Practicum

[New course] In this series of classes, students will be working with received forms (e.g. sonnet, villanelle, sestina). There will be a strong reading component with work by both classical and contemporary poets who wrote using poetic forms; students will be encouraged to write in response to, and sometimes in imitation of, the poems they read as a way to enrich their understanding of meter and rhyme. Prompts may be specific as to subject matter and form, or may merely tell students which form to use. Writing in received forms helps lay the groundwork for learning the art and science of poetic practices; adding the reading component allows students to experience some of the ways in which poetry is a dialogue between poets both past and present.

While there may be a small reading component to this workshop series, most of each class will be spent workingshopping student poetry. The focus here will be on beginning to prepare the thesis (a chapbook-length manuscript), and students may work on both poems from previous workshops and new ones. In addition to workshop sessions, there will be a number of meetings dedicated to discussing publishing procedures and opportunities. Instructors are encouraged to bring in editors and publishers who can speak directly to industry practices. By the end of this workshop, students should have a minimum of 15 poems they believe will be the basis for their thesis. Prerequisites: WRI 7010, WRI 7020, WRI 7030, WRI 7310, WRI 7320, WRI 7330 and WRI 7040. 4 credits. Offered as needed.

WRI 7410 Introductory Screenwriting and Playwriting Workshop and Practicum

Students learn the art of writing for stage and screen in a tutorial with an individual faculty member. Participants read from master play writers, write original work and revise, focusing on dramatic staging, dialogue, and direction. Through steady interaction, this individualized method of study ensures that students maintain productivity in their daily lives. Students will produce, revise, and polish content, while analyzing and employing established performance techniques. Ongoing communication with faculty mentor assures students of the support and critique needed to advance their literary and personal goals. The Introductory Tutorial is distinguished by a focus on artistic process, an emphasis on writing exercises, and an exploration of a variety of forms and approaches. Prerequisite: WRI 7010. 4 credits. Offered as needed.

WRI 7420 Intermediate Screenwriting and Playwriting Workshop and Practicum

[New course] Students learn the art of writing for stage and screen in a tutorial with an individual faculty member. Participants read from master play writers, write original work and revise, focusing on dramatic staging, dialogue, and direction. Through steady interaction, this individualized method of study ensures that students maintain productivity in their daily lives. Students will produce, revise, and polish content, while analyzing and employing established performance techniques. Ongoing communication with faculty mentor assures students of the support and critique needed to advance their literary and personal goals. Intermediate Tutorial is distinguished by a focus on writing from the perspective of the audience, an emphasis on revision and manuscript development, and an exploration of the various collaborative aspects of the writing process. Prerequisites: WRI 7010, WRI 7020 and WRI 7410. 4 credits. Offered as needed.

WRI 7430 Advanced Screenwriting and Playwriting Workshop and Practicum

[New course] Students learn the art of writing for stage and screen in a tutorial with an individual faculty member. Participants read from master play writers, write original work and revise, focusing on dramatic staging, dialogue, and direction. Through steady interaction, this individualized method of study ensures that students maintain productivity in their daily lives. Students will produce, revise, and polish content, while analyzing and employing established performance techniques. Ongoing communication with faculty mentor assures students of the support and critique needed to advance their literary and personal goals. Advanced Tutorial is distinguished by a focus on self-assessment skills, an emphasis on craft issues, and an exploration of the larger theater community. Prerequisites: WRI 7010, WRI 7020, WRI 7030, WRI 7040, WRI 7410, and WRI 7420. 4 credits. Offered as needed.

WRI 7440 Thesis Screenwriting and Playwriting Workshop and Practicum

[New course] Students learn the art of writing for stage and screen in a tutorial with an individual faculty member. Participants read from master play writers, write original work and revise, focusing on dramatic staging, dialogue, and direction. Through steady interaction, this individualized method of study ensures that students maintain productivity in their daily lives.
Students will produce, revise, and polish content, while analyzing and employing established performance techniques. Ongoing communication with faculty mentor assures students of the support and critique needed to advance their literary and personal goals. The Thesis Tutorial is distinguished by a focus on the theater marketplace, an emphasis on completing a three-act play or equivalent, and an exploration of writing as a profession. Prerequisites: WRI 7010, WRI 7020, WRI 7030, WRI 7040, WRI 7410, WRI 7420 and WRI 7430. 4 credits. Offered as needed.

**WRI 7900 Thesis Residency**

[New course] The thesis residency takes place over a ten day, onsite period, where lectures, classes, workshops, readings and conferences create a community among writers. Students will spend 3 hours per day meeting in workshop groups of 6—9 students under the direction of a faculty mentor. The thesis residency will focus on advancing student’s creative and professional goals. The residency workshop is dedicated to the development of student creativity. Students become a part of a community where student writers refine their art through writing, reading, rewriting, talking, debating, listening, criticism and praise. On an individual level, each writer learns the discipline necessary to produce new work on a regular basis, as well as to develop a fastidious editorial aptitude about both their own work and the work of others.

Students will spend 3 hours attending lectures and symposiums on genre and craft, taught by faculty and guest faculty. Introductory residency topics will include: the writing process, story structure, language and voice, characterization, time and place, plot, pacing, point of view, imagery, dialogue, and revision. Some lessons will be genre-specific. Additional hours will be spent attending industry related readings, talks and panels. In the two weeks leading up to each residency period, students will complete a pre-residency bibliography assignment by assembling a list of 10 books according to the individual student’s stylistic influences, inspirations and literary ambitions. Thesis students will undergo workshop leader/teacher training, and each thesis student will give a lecture on craft, as well as a public reading. Prerequisites: Successful completion of four residencies and four workshops/practicum. 4 credits. Offered as needed.
Affiliated Courses of Study

The following courses are offered with affiliates for students in the B.S. Radiography program. 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.

Diagnostic Medical Sonography Courses [DMS]

For specific program or course information, contact one of the following:
- Biology and Health Promotion 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

DMS 1000 Medical Terminology
This course is designed to assist the student to acquire the medical language required in any allied health profession. The student should discover the etymology, history of words, and that most medical words have been adopted from Latin and Greek origin. By learning these word elements and commonly used prefixes and suffixes, students will be able to define most medical terms. The content of this course is organized according to a systematic survey of organ systems of the body.

DMS 1010 Abdominal Sonography I
This course is designed to introduce 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 may be complemented with instructor directed “hands-on” scanning in the student lab. Pre-Requisite: BIO 1000 Anatomy & Physiology, ENG 1000 College Writing, PHY1000 Physical Science & Astronomy, MAT 1000 Excursions in Math.

DMS 1020 Obstetrics and Gynecological Sonography I
This course is designed to familiarize the student with normal sonographic imaging of the female reproductive system. They should 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 are covered. Study content includes 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 are also covered. Sonographic evaluation of normal first, second and third trimester pregnancies are studied. Sonographic evaluation of abnormal first trimester pregnancies is also covered. Introduction of Neurosonography is implemented, including normal anatomy of the neonatal brain. Lecture time may be complemented with instructor directed “hands-on” scanning in the student lab. Pre-Requisite: BIO 1000 Anatomy & Physiology, ENG 1000 College Writing, PHY1000 Physical Science & Astronomy, MAT 1000 Excursions in Math.

DMS 1030 Sonographic Physics and Instrumentation I
This course is designed to present the basic concepts and principles of ultrasound physics as a foundation for understanding image interpretation. The student should learn the wave theory of sound and how it travels in various media. They should gain knowledge of the principles of how piezoelectricity converts sound energy to electrical energy in ultrasound transducers. They should acquire an understanding of Doppler principles and how they relate to studying the hemodynamics of blood flow in the body. Pre-Requisite: BIO 1000 Anatomy & Physiology, ENG 1000 College Writing, PHY1000 Physical Science & Astronomy, MAT 1000 Excursions in Math.

DMS 1040 Cross Sectional Anatomy
This course is designed to 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 is placed on the anatomic relationships of the organs commonly scanned by sonography. Pre-Requisite: BIO 1000 Anatomy & Physiology, ENG 1000 College Writing, PHY1000 Physical Science & Astronomy, MAT 1000 Excursions in Math.

DMS 1050 Patient Care
This course is designed to introduce the student 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 are emphasized; including, maintaining privacy, utilizing proper body mechanics and maintaining aseptic techniques. The students should learn about HIPAA regulations and multicultural considerations in patient treatment.

DMS 1100 Medical Law and Ethics
This course is designed to present the student with the legal and ethical implications of working in medical facilities. The student should 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 are covered. Liability, especially related to the imaging professions, are also emphasized.

DMS 1110 Abdominal Sonography II
This course is designed as a continuation of abdominal sonography I, with an emphasis on recognizing pathologic changes on ultrasound scans of organs in the upper abdomen. The student reviews multiple images of various disease states and critically evaluates them using the sonographic criteria of “SSALT” – size, shape, acoustic characteristics, location and transonicity.
DMS 1120 Obstetrics and Gynecological Sonography II
This course is designed as an extension of Ob/Gyn sonography I. Topics, focusing on pathologic conditions that can be determined by obstetric/gynecologic ultrasound scanning, are covered in this course. The student should learn to recognize abnormal and/or pathologic sonoforms of the female pelvis and to correlate these with patient history and lab values. Normal and abnormal 2nd and 3rd trimester pregnancy are discussed. They should learn to rule out anomalies by studying the components of a complete anatomy scan. Accurate assessment of gestational age through fetal biometry techniques, and complications of pregnancy are also covered. Abnormalities of the neonatal brain are included, as well.

DMS 1130 Sonographic Physics and Instrumentation II
This course is designed as a continuation of sonographic physics and instrumentation I. The student should gain a comprehensive knowledge of ultrasound physics and instrumentation. It reinforces concepts and offers more advanced material in ultrasound theory and instrumentation, fluid hemodynamics, harmonics, cavitons, color flow Doppler spectral analysis, 3D and 4D ultrasound, etc. An emphasis is placed on preparing the student to pass the Sonography Principles and Instrumentation (SPI) examination of the American Registry of Diagnostic Medical Sonographers (ARDMS). Pre-requisite: DMS 1130 Sonographic Physics and Instrumentation I.

DMS 2040 Sonography of Superficial Structures
This course is designed to provide a basic foundation for ultrasound scanning of the thyroid, parathyroid glands, salivary glands, breast, prostate, and scrotum. It also includes new applications in the field of musculoskeletal ultrasound, including rotator cuff, baby hips, and carpal tunnel imaging. Normal sonographic anatomy is taught as well as common pathologic states found in these structures. Lecture time may be complemented with instructor directed “hands-on” scanning in the student lab.

DMS 2070 Echocardiography
This course is designed to provide the student with basic rudimentary information on cardiac anatomy, physiology, signs and symptoms of heart disease, and other details as is relevant to build upon in order to have sufficient background to fully appreciate and understand a course in adult echocardiography. Topics discussed include cardiac anatomy, histology, the conduction system, cardiac cycle, and heart sounds. Also addressed, are the concepts of hemodynamics- specifically discussing preload, after load, and cardiac output, and the effects of exercise on the heart. The student is then introduced to the risk factors of heart disease and a full discussion of coronary artery disease, myocardial infarction, and heart failure follows. Significant time is spent addressing the signs and symptoms of right and left heart failure. Valvular disease, pericardial disease, and cardiomyopathies are also introduced. Basic EKG recognition is also addressed, and the student should be able to calculate heart rates, recognize the components of the EKG and how they relate to the cardiac cycle and disease. They should also be able to recognize certain arrhythmias and abnormal patterns. The student learns the elements of a normal echocardiogram, including standard echocardiographic views of the heart chambers, valves, muscles and the surrounding great vessels. The student learns adult cardiac scanning protocols, and how pathology manifests on an echocardiographic scan. The student becomes familiar with various modes of cardiac scanning, including M-mode, color flow Doppler, power Doppler, and continuous wave Doppler. Lecture time may be complemented with instructor directed “hands-on” scanning in the student lab.

DMS 2090 Clinical Education II
This clinical education course is designed to offer the student an extensive clinical experience in scanning abdomen (general), and/or superficial structures, and/or obstetrics and gynecology. The student is expected to incorporate all of the sonographic training, knowledge and experience acquired over the previous semester into this clinical rotation. The student should concentrate on achieving efficiency, self-confidence, ease of scanning and refinement of all acquired skills. The student is required to prepare protocols of exams that are performed, and assemble a portfolio of representative images and case reports. The clinical site may be a hospital, outpatient imaging center, or private doctor’s office. The student is instructed on professional behavior expected at a clinical site, including attendance and dress code. The student is required to document all cases exposed to, and submit necessary evaluation forms.

DMS 2110 Vascular Ultrasound
This course is designed to delve into the use of duplex Doppler ultrasound to interrogate the extracranial circulation of the brain, for cerebrovascular disease and arterial and venous circulation of the upper and lower extremities for peripheral vascular disease. Normal and pathologic conditions are discussed in correlation with physical and clinical findings. Students will develop a clear understanding of the basic concepts in ultrasound assessment of pathological conditions of the vessels to focus on arteriosclerotic changes and the formation of deep venous thromboses. Lecture time may be complemented with instructor directed “hands-on” scanning in the student lab.

DMS 2140 Registry Review
This course is designed to provide the student with an array of topics on professionalism. The role of professional organizations and journals, continuing education, resume writing, interviewing skills, and ergonomics at the workplace are among the topics discussed. Intensive reviews are performed to prepare the student to take the American Registry Diagnostic Medical Sonography (ARDMS) examinations in sonographic physics and instrumentation, abdomen and superficial structures and obstetrics and gynecology.

DMS 2150 Quality Management and Operational Issues
This course content is designed to focus on the components of quality improvement (QI) programs in sonography. The role of the various team members in continuous quality improvement, including quality control and assurance checks, will be discussed as well as the legal and regulatory implications for maintaining appropriate quality care.
DMS 2170 Career Development
This course is designed to introduce the student to a comprehensive approach to career development & planning. Students will examine self-awareness and career exploration which should then be incorporated into self-marketing techniques leading to long term effective career decision making. Students will be exposed to useful job searching techniques necessary in today's job marketplace.

DMS 2180 Case Studies Critique
This course is designed to educate the student about 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 normal sonographic examination. While the students are assigned to an ultrasound clinical site, they assemble a portfolio of interesting cases. They research the etiology of the disease or anomaly from medical books and journals. They should correlate patient history, scanning techniques and protocols, proper positioning etc. In addition, they learn to critically analyze anatomical variants, normal, and pathological sonographic findings in images.

DMS 2190 Clinical Education I
This clinical education course is designed to provide the student with the first exposure to abdominal, and/or obstetrics-gynecologic scanning in a clinical setting(s). The student should utilize didactic courses, and practice how to perform basic ultrasound exam protocols, and to safely and effectively operate ultrasound equipment. During the course the student should achieve some proficiency in obtaining basic ultrasound images. By the conclusion of the course, the student 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 team. The clinical site may be a hospital, outpatient imaging center, or private doctor's office. The student is instructed on professional behavior expected at a clinical site, including attendance and dress code. The student is required to document all exams they are exposed to, and to submit, necessary evaluation forms.

DMS 2190 Clinical Education III
This clinical education course is designed to enable the student to learn how to integrate the patient's medical history into the exam objectives, and how congenital or pathologic states manifest themselves within the body. The student should be honing their scanning skills and completing all scanning objectives that were not achieved in their previous clinical experience. The student should concentrate on achieving efficiency, self-confidence, ease of scanning and refinement of all acquired skills. The student is required to prepare protocols of exams that are performed, and assemble a portfolio of representative images and case reports. The clinical site may be a hospital, outpatient imaging center, or private doctor's office. The student is instructed on professional behavior expected at a clinical site, including attendance and dress code. The student is required to document all exams exposed to, and to submit all necessary evaluation forms.

Radiography Courses [RTR] [Formerly BSR]
For specific program or course information, contact one of the following:
- Biology and Health Promotion 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

RTR 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.

RTR 1001 Image Analysis I
This course is designed to provide a basis for analyzing radiographic images. Included are the importance of optimal 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.

RTR 1010 Medical Terminology
Content is designed to provide an introduction to the origins of medical terminology. A word-building system is introduced and abbreviations and symbols are discussed. Also introduced is an orientation to understanding radiographic orders and diagnostic report interpretation. Related terminology is addressed.

RTR 1020 Huma Structure and Function I
Course is designed to establish a knowledge base in anatomy and physiology. Components of the cells, tissues, organs and skeletal, muscular, digestive and respiratory systems are described and discussed.

RTR 1030 Introduction to Radiation Physics
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.

RTR 1040 Patient Care I
Content is designed to provide 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 using standard precautions. The role of the radiographer in patient education is identified.

RTR 1050 Radiographic Procedures I
This course continues with the basic skills needed to perform diagnostic radiographs. It builds on knowledge learned in RTR 1050.

RTR 1050L Radiographic Procedures Lab
This course is a simulated "hands-on" class demonstrating and reinforcing anatomical positioning and its clinical applications.

RTR 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.

RTR 1090 Ethics & Law
Content provides a foundation in ethics and law related to the practice of medical imaging. An introduction to terminology, concepts and principles will be presented. Students will examine a variety of ethical and legal issues found in clinical practice.

RTR 1101 Image Analysis II
This course is designed to provide a basis for analyzing radiographic images. Included are the importance of optimal 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 analysis.

RTR 1120 Human Structure and Function II
Course is a continuation of RTR 1020. It is designed to establish a knowledge base in anatomy and physiology. Discussed are blood, heart and heart disease along with the integumentary, nervous, endocrine, lymphatic, urinary and reproductive system.

RTR 1135 Principles of Radiographic Exposure 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. Pre-Requisite: RTR 1030 Introduction to Radiation Physics I.

RTR 1141 Patient Care II
This course is designed to provide the advanced concepts of patient care. Trauma, mobile and surgical radiography are described. 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.

RTR 1150 Radiographic Procedures II
This course continues with the basic skills needed to perform diagnostic radiographs. It builds on knowledge learned in RTR 1050. Pre-requisite: RTR 1050 Radiographic Procedures I.

RTR 1150L Radiographic Procedures Lab
This course is a simulated "hands-on" class demonstrating and reinforcing anatomical positioning and its clinical applications. Pre-requisite: RTR 1050L Radiographic Procedures Lab.

RTR 1171 Digital Image Acquisition Display
Content imparts an understanding of the components, principles and operation of digital imaging systems found in diagnostic radiology. Factors that impart image acquisition, display, archiving and retrieval are discussed. Principles of digital system quality assurance and maintenance are presented.

RTR 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.

RTR 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. As part of this course, the student will present a case study utilizing concepts learned in the clinic. They will research and discuss anatomy, pathology, positioning and technical factors.

RTR 2001 Image Analysis III
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.

RTR 2010 Radiographic Pathology
Course is designed to introduce concepts related to disease and etiological consideration with emphasis on radiologic appearance of disease and impact on exposure factor selection. It also presents basic information on the pathologic process, signs and symptoms, diagnosis, and prognosis of the various diseases.

RTR 2020 Radiation Biology & Advance Protection
The Radiation Biology content of the course provides an overview of the principles of the interaction of radiation with living systems. Radiation effects on molecules, cells, tissues and the body as a whole are presented. Factors affecting biological response are presented, including acute and chronic effects of radiation.

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.

RTR 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. Pre-Requisite: RTR 1135 Principles of Radiographic Exposure I.

**RTR 2050 Radiographic Procedures III**
This is a course of advanced radiographic positions building on the procedures learned in RTR 1050 and RTR 1150. Pre-requisite: RTR 1150 Radiographic Procedures II.

**RTR 2050L Radiographic Procedures Lab**
This course is a simulated "hands on" class demonstrating and reinforcing anatomical positioning and its clinical applications. This course builds on the basic procedures learned in RTR 1050-L and RTR 1150-L. Pre-requisite: RTR 1150L Radiographic Procedures Lab.

**RTR 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.

**RTR 2101 Image Analysis IV**
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.

**RTR 2125 Special Procedures**
This course is designed to concentrate on the advanced studies performed in the radiology suite, such as Arthrography, Venography and Myelography. Topics will also include contrast studies and their protocol and the anatomy associated with each specific exam.

**RTR 2150 Radiographic Procedures IV**
This is a course of advanced radiographic positions building on the procedures learned in RTR 1050, 1150 and 2050.

**RTR 2150L Radiographic Procedures Lab**
This is a course is a simulated "hands on" class demonstrating and reinforcing anatomical positioning and its clinical applications. This course continues from RTR 2050-L Radiographic Lab III.

**RTR 2170 Advanced Imaging Modalities**
This is a specialized course of study designed to enhance knowledge of radiologic imaging and radiation science. The course will also introduce and familiarize the student with advanced imaging modalities. Computer-enhanced imaging such as Magnetic Resonance Imaging (MRI) will be surveyed in detail, in addition to other imaging modalities such as diagnostic ultrasound, mammography, and bone densitometry. Also, certain job opportunities available within the field will be discussed such as Radiologic Assistant and Forensic Radiology.

**RTR 2171 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. This is an elective course.

**RTR 2172 Computed Tomography**
Content is designed to provide entry-level Radiography students with principles related to CT imaging. This course is an elective course.

**RTR 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.

**RTR 2190 Career Development**
This course is designed to introduce the student to a comprehensive approach to career development & planning. Students will examine self-awareness and career exploration which should then be incorporated into self-marketing techniques leading to long term effective career decision making. Students will be exposed to useful job searching techniques necessary in today's job marketplace.

**RTR 2260 Registry Review**
This course is a comprehensive review of radiography. It is designed to be both a review and detailed guide, with questions and answers, for students preparing to successfully pass the Registry examination administered by the ARRT. All subject areas will be reviewed and learning strategies discussed.

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**Radiologic Science Courses [RAD] [Formerly RS]**

For specific program or course information, contact one of the following:

- Biology and Health Promotion 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.

**RAD 1101 Introduction to Radiologic Sciences**

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 is free from bias will also be discussed.

RAD 1103 Radiologic Sciences Patient Care and Pharmacology
Prerequisites: All pre-professional courses. Corequisites: RAD 1104, 1106, 1110, 1114, 1125. 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.

RAD 1104 Medical Terminology
Prerequisites: All pre-professional courses. Corequisites: RAD 1103, 1106, 1110, 1114, 1125. A good working vocabulary is required of any medical professional. This course is designed to introduce medical terminology to the radiography student. The course will begin with a brief introduction to medical terminology, root words, suffixes, and prefixes. From there, the student will build a vocabulary involving specialists in medicine. After that, the student can develop a word bank for each system of the body. These include the Integumentary, Skeletal, Muscular, Circulatory, Respiratory, Digestive, Endocrine, Immune, Urinary, Reproductive, Nervous, and the Sensory Systems.

RAD 1106 Radiographic Anatomy and Procedures I
Prerequisites: All pre-professional courses. Corequisites: RAD 1103, 1104, 1110, 1114, 1125. This course provides 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. Skeletal topics include shoulder, clavicle, scapula, foot, ankle, tibia and fibula, knee, femur, pelvis, hip, cervical spine, thoracic spine, lumbarspine, sacrum and coccyx, and the bony thorax. Clinical applications of theoretical areas include the skeletal and major organ systems, incorporating pediatric, geriatric examinations.

RAD 1110 Radiographic Human Structure and Function I
Prerequisites: All pre-professional courses. Corequisites: RAD 1103, 1104, 1106, 1114, 1125. This course will acquaint the student on the structure and function of the human body. Cells, tissues, organs, and organ systems will be described and discussed as components of their respective systems. Emphasis to physiology and clinical application will give the students a better understanding of anatomical concepts.

RAD 1111 Radiographic Human Structure and Function II
Prerequisites: All pre-professional courses and 3rd year fall semester courses. Corequisites: RAD 1107, 1115, 1131, 1126. This course is a continuation of Radiographic Human Structure and Function II. Students will complete their study of the human body and the organs within their respective organ system. Organs and systems will be described and discussed. Organs will be discussed as components of their respective systems. Organs and systems described will include the respiratory system, digestive system, urinary system, reproductive and fetal development system. Emphasis is placed on physiology and clinical applications to give the student a better understanding of the anatomical concept.

RAD 1114 Radiation Physics and Imaging Equipment I
Prerequisites: All pre-professional courses. Corequisites: RAD 1103, 1104, 1106, 1110, 1125 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.

RAD 1115 Radiation Physics and Imaging Equipment II
Prerequisites: All pre-professional courses and third year fall semester courses. Corequisites: RAD 1107, 1111, 1131, 1126. These courses provide the student with the knowledge of 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.
RAD 1127, 1128, 1129, 2127, 2128, 2130
Clinical Education

Prerequisites: All pre-professional courses and previous semester courses. Corequisites: All professional courses in the semester. 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.

RAD 1131 Introduction to Mammography
Prerequisites: All pre-professional courses and 3rd year fall semester courses. Corequisites: RAD 1107, 1111, 1115, 1126
The student will examine the history of mammography, along with the basic concepts for performing mammography. Areas of study include breast anatomy and physiology, patient positioning, compression, clinical image evaluation, image techniques and processing, pathology, QA/ QC of mammographic equipment and MQSA Federal Guidelines.

RAD 2105 Advanced Radiation Protection and Radiation Biology
Prerequisites: All pre-professional courses and 3rd year fall semester courses. Corequisites: RAD 2108, 2117, 2124, 2127.
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 are discussed. 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.

RAD 2108 Radiographic Anatomy and Procedures III
Prerequisites: All pre-professional courses and third year fall semester courses. Corequisites: RAD 2105, 2117, 2124, 2127.
This course provides students with the skills necessary to perform radiographic examinations. Areas studied include body positions, positioning terms, positioning aids, contrast medial and their applications to positioning methods of producing quality radiographs are discussed. Skeletal topics include positioning of the soft tissue neck, skull, sinus, orbits, facial bones, and mandible. Fluoroscopic procedures include Esophagram, Upper GI Series, Barium Enema, and Intravenous Pyelogram.

RAD 2109 Radiographic Anatomy and Procedures IV
Prerequisites: All pre-professional, third year professional courses, forth year fall semester professional courses. Corequisites: RAD 2123, 2132, 2133, 2128. This course provides students with an understanding of the advanced imaging techniques required for producing image of specialized areas of the body. Anatomy, indications, specialty procedures, contrast media, equipment and positioning are discussed.

Introduction to advanced imaging areas such as CT, MRI and PET scanning are discussed along with the advanced education requirements necessary for certification in these and other areas. Many of these examinations are done within the confines of the imaging department, but may not necessarily be routine diagnostic procedures. Specialized equipment and /or specially trained personnel may be involved in offering these services. Specialty exams discussed include Arthrography, Myelography, Venography, Central Nervous System including Angiography, and Hysterosalpingography with a brief introduction to cross-sectional anatomy.

RAD 2117 Medical Imaging Principles of Radiographic Exposure
Prerequisites: All pre-professional, third-year professional courses, forth-year fall semester professional courses.
Corequisites: RAD 2105, 2108, 2124, 2127. This course provides students with the various image processing systems available in radiography. A competency analysis of density, contrast, detail and distortion which govern and influence the production of a radiographic image and the direct effect these factors have on radiographic quality and patient dose.

RAD 2123 Pathophysiology with Film Review
Prerequisites: All pre-professional, third-year professional courses, forth-year fall semester professional courses.
Corequisites: RAD 2109, 2132, 2133, 2128. Content is designed to introduce theories of disease causation and the pathophysiologic disorders that compromise healthy systems. Etiology, pathophysiologic responses, clinical manifestations, radiographic appearance and management of alterations in body systems will be presented. All necessary QA/QC equipment as well as state and federal guidelines will be discussed.

RAD 2124 Introduction to Quality Assurance
Prerequisites: All pre-professional, third-year professional courses, forth-year fall semester professional courses.
Corequisites: RAD 2105, 2108, 2117, 2127. Content will include discussion of the integration of federal and state standards, role, responsibility, monitoring maintenance, program evaluation, and establishing and maintaining a quality diagnostic radiograph. The student will be able to identify the importance of quality control in today’s Radiology Department, and analyze how to enhance the imaging quality considering all the variables, and to discuss how effectively, the image quality can be tested and how to correct the problems.

RAD 2132 Registry Review
Prerequisites: All pre-professional, third-year professional courses, forth-year fall semester professional courses.
Corequisites: RAD 2109, 2123, 2133, 2128. The course is designed to prepare students for the American Registry of Radiologic Technology Certification exam and the New York State Licensing exam. This course will provide students with an overall review of all classes taken in the previous two years of coursework in preparation for the certification exam.
RAD 2133 Computers in Radiologic Technology/ Digital Imaging
Prerequisites: All pre-professional, third-year professional courses, forth-year fall semester professional courses.
Corequisites: RAD 2109, 2123, 2132, 2128. Content includes an overview of the basic principles of computer science allowing students to understand specific applications in radiography. The utilization of computers in healthcare settings and the specific uses in the departments of radiology and imaging are discussed in terms of technical concepts and clinical applications.

Radiation Therapy Courses [RTT] [Formerly SRT]
For specific program or course information, contact one of the following:
- Biology and Health Promotion 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

RTT 1000 Introduction to Radiation Therapy
This course is designed to provide student with an overview of the foundations in radiation therapy and the practitioner's role in the health care delivery system. Principles, practices and policies of health care organizations, principles of radiation and health safety and professional responsibilities of the radiation therapist will be discussed and examined.

RTT 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 is utilized.

RTT 1020 Anatomy and Physiology I
This course will introduce the student to anatomy of the human body. Special attention will be given to the sites where cancer may originate and spread.

RTT 1030 Introduction to Physics
This course is designed to review mathematical concepts and establish a basic knowledge of atomic structure. Also presented is the nature and characteristics of radiation.

RTT 1040 Patient Care I
This course is designed to provide the basic concepts of patient care, including consideration for the physical and psychological needs of the patient and family. Emergency patient care procedures are described, as well as infection control procedures using standard precautions. The role of the radiation therapist in patient education is identified.

RTT 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.

RTT 1050L Clinical Radiation Therapy Lab
This course is designed to prepare students to practice 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.

RTT 1080 Clinical Education I
This course is designed 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 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.

RTT 1090 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 the practice of radiation therapy. 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.

RTT 1100 Imaging & Processing
This course is designed to establish a knowledge base in factors that govern and influence the production and recording of digital and/or radiographic images for patient simulation, treatment planning and treatment verification in radiation oncology. Radiation oncology imaging equipment and related devices will be included.

RTT 1120 Anatomy and Physiology II
This course will continue with the introduction of the student to the anatomy of the human body. Special attention will be given to the sites where cancer may originate and spread.

RTT 1130 Introduction to Physics II
This course is designed to expound on the student's knowledge of atomic structure and terminology. Also presented are the fundamentals of electromagnetic radiation, the characteristics of radiation, its interactions with matter and the units of measurement of ionizing radiation. Pre-requisite: RTT 1030 Introduction to Physics I.

RTT 1141 Patient Care II
This course is designed to provide the student with advanced concepts of patient care. Trauma and 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.

RTT 1150 Introduction to Radiation Oncology
This course is intended to provide the student with a survey of the field of Radiation Oncology by introducing the student to fundamental concepts with simple explanations. Subsequent courses will build on this foundation and progress to more specific information.
RTT 1160 Radiation Protection
This course is designed to present principles of radiation protection and safety for the patient, public and 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.

RTT 1170 Pathophysiology
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 of disease in all systems will also be described.

RTT 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 Therapy, 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.

RTT 1191 Treatment Planning I
This course is designed to establish factors that influence and govern clinical planning of patient treatment. Included are isodose description, dosimetric calculations, compensation and clinical application of treatment 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.

RTT 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. The student will also present a case study based on the theoretical content researched.

RTT 2020 Radiation Biology
This 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.

RTT 2031 Radiation Therapy Physics
This course is designed to review and expand concepts and theories in the radiation physics course. Detailed analysis of the properties of radiation, nuclear transformations, and interactions of ionizing radiation are emphasized. Also presented are treatment units used in external radiation therapy, measurement and quality of ionizing radiation produced, absorbed dose measurement, dose distribution and scatter analysis. Pre-requisite: RTT 1130 Introduction to Physics II, RTT 1191: Treatment Planning I.

RTT 2040 Radiation Therapy Patient Care
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, 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.

RTT 2050 Radiation Therapy Techniques I
This course is designed to examine and evaluate the management of neoplastic disease using knowledge in arts and sciences, while promoting critical thinking and ethical clinical decision-making. 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.

RTT 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. Emphasis is placed on the student’s ability to evaluate portal images 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.

RTT 2090 Quality Management and Operational Issues
This course is designed to focus on the components of quality improvement (QI) programs in radiation oncology. The role of the various radiation therapy team members in continuous quality improvement will be discussed as well as the legal and regulatory implications for maintaining appropriate quality care. Human resource concepts and regulations impacting the radiation therapist will be examined. Billing and reimbursement issues pertinent to the radiation therapy department will be presented.

RTT 2140 Treatment Planning II
This course is designed to review and expand concepts and theories in radiation physics and Treatment Planning I. Optimal treatment planning is emphasized along with particle beams. Stereotactic radiation, brachytherapy and emerging treatment technologies are presented. Pre-Requisite: RTT 1191: Treatment Planning I.

RTT 2150 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.

RTT 2160 Cross Sectional Anatomy
This course is designed to introduce the student to medical imaging methods in use in radiation therapy today. They will identify anatomical structures through several imaging formats.
Anatomic relationships will be compared using topographical and cross-sectional anatomy.

**RTT 2170 Principles of CT in Radiation Therapy**
Content provides Radiation Therapy students with the principles related to Computed Tomography (CT) imaging.

**RTT 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. Emphasis is also placed on the student’s ability to evaluate images 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.

**RTT 2190 Career Development**
This course is designed to introduce the student to a comprehensive approach to career development & planning. Students will examine self-awareness and career exploration which should then be incorporated into self-marketing techniques leading to long term effective career decision making. Students will be exposed to useful job searching techniques necessary in today’s job marketplace.

**RTT 2290 Registry Review**
This course is designed as a comprehensive review of the radiation therapy curriculum. It is designed to be both a review and detailed guide, with questions and answers, for students preparing to successfully pass the Registry examination administered by the ARRT. All subject areas will be reviewed and learning strategies discussed.
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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;
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 May, 2018.

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Executive in Residence
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Pre-Health Professions Program
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*A partial list of Administrative officers; please see the SFC website for a complete listing.

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Congo Michelle
Cuoco Alison
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Fiorito Jole
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Jolibois Darlene
Kendall Brian
Kwasniewski Jamie
Lee Roy
Muir David
Parmar Arfanangel
Peterson Edi
Pineiro Olivia
Riaz Syed
Rivera Noemi
Samms Michael
Shashidharan Pullanipally
Smith Michael
Subbie Stacey
Sylveste Clewert
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Walker Robin
Wang Jeff
Yee Melissa

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*Bass Yakov
Bastos Peter
Baubeng Emmanuel
Chowdhury Saumitra
Haghanikar Mojgan
Haganikar Matloob
Parveen Bushra
Ponnala Shashikanth
Sejdiu Arber
Smith Roy
Telting-Diaz Martin
Whaley Erin
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Fagan Stephanie
Flanagan Kathleen
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Hamwey Louis
Harwood Philip
Hinkly Jemma
Mahmud Zara
*Marino Stephen
McSherry Mark
Ocho-Coultes Antonevia
Odedina Joe
Puerto Bianca
Relkin Richard
Rothacker Thomas
Turner James

Economics, History, Political Science and Social Studies

Amodeo Joseph
Carroll Dillon
Carron Christopher
Charles Robert
Clement Geoffrey
Elias Carlos
Flaherty Michael
Houlihan Timothy
Isikara Baki Guney
Koncowicz Michael
Koritz Douglas
Lamoureux David
Lectura Chad
Mathieu Edwin
Mitchell Christopher
Osborne Eric
Payne Melissa
Rhoeheit R
Ryan Joseph
Sharnak Debbie
Simonsen Judith
*Sparr Arnold
Tesho Artemida
Ulrich Eric
Weinstein Aaron
*Williams Kareen

Janetti Andrew
Koerner Jean
Miyazawa Yuki
Pavlish Pepper
Quigley Cathal
Zito Adriana

English

†Afzal Ghazala
*Albrecht Elizabeth
Bove Robert
Cotto Andrew
Donnelly Mark
Escobar Joshua
Finch Annie
Gonzales Misty
Gray Stephanie
Havercome Van
Johnson Ameen
†Louzonis Joseph
Pizzino Devon
Shuchman Julie
Simmons Paulanne
Starr Jason
White Sybil
Williams Anthony

Foreign Languages, Fine Arts, and International Cultural Studies

Bahl Shelly
Cabri Paul
Coburn Steven
D’Augusta Richard
*Del Busto Esther
El-Ayouty Yassin
Fontana Michael
Hawley Elizabeth
*Kaminski Michael
Michel Roberta
Miramonti Andrew
Murillo Victor
Pollack Rebecca
Rinaldi Tiziana
Rivero Rafael
Shea Judith
Shilova Anna
*Skrell Howard
Suchma Sharon
Valenzuela Carmen
*Wiener Simonetta

Management and Information Technology

Ahmad Tariq
Amachki Najat
### Board, Administration, and Faculty

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### Mathematics

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### Nursing

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### Philosophy and Religious Studies

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<td>Sherry</td>
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**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.*

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

*Seymour Barcus, Professor Emeritus of Management; B.S., City College; M.S., M.B.A., Ph.D., New York University

Sophie Berman; Professor Emeritus of Philosophy; B.A., University of Paris-Nanterre; M.A., University of Toulouse; Ph.D., Fordham University

*Murray J. Diamond, Professor Emeritus of Business Law; B.A., Brooklyn College, CUNY; J.D., J.S.D., Brooklyn Law School

*Gerald J. Galgan, Professor of Philosophy; B.A., Cathedral College; M.A., Ph.D., Fordham University

*Paddy Quick, Professor of Economics; B.A., Oxford University; M.A., Ph.D., Harvard University

*Uwe P. Gielen, Professor Emeritus of Psychology; B.A., Freie Universität Berlin; M.A., Wake Forest University; Ph.D., Harvard University

*Ellen Glasscock, Professor Emerita of Health Care Administration; B.A., Connecticut University; 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

*Francis J. Greene, Professor Emeritus 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

*Gerald A. Largo, Professor Emeritus of Religious Studies; B.A., Cathedral College; M.A., St. John’s University; Ph.D., New York University

*Suliki Nicholas

*Vallejo Arwina

*Wotring Elise

*Sparks Jacob

*Ellen Joel

*Paddy Timothy

*K. Priscilla Pedersen, Professor Emerita of Religious Studies; B.A., Bryn Mawr College; M.A., M.Phil., Ph.D. Columbia University

*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)

*Owen Sadlier, O.S.F., Assistant Professor Emeritus of Philosophy, B.A., St. Francis College; M.A., University of Notre Dame

*Sister Marianne Sennick, CSJ, Associate Professor Emerita of Political Science; B.S., Brentwood College; M.A., Brooklyn College; Ph.D., New York University

*Francis Slade, Professor Emeritus of Philosophy; B.A., Catholic University of America; M.A., University of Notre Dame

*Arnold Sparr, Professor Emeritus of History; B.A., University of Wisconsin; M.A., University of Illinois, Chicago; Ph.D., University of Wisconsin

*Alan Udoff, Professor Emeritus of Philosophy; Professor of Religious Studies; B.A., St. Francis College; M.A., Catholic University of America; Ph.D., Georgetown University

*Barbara Vigliano, Professor Emerita of Communications; B.A., M.A., Hunter College, CUNY; Ph.D., New York University

*A. Edward Wesley, O.S.F., Associate Professor Emeritus of English; B.A., St. Francis College; M.A., Ph.D., University of Notre Dame

*William Yellin, Professor Emeritus of Accounting; B.A., Brooklyn College, CUNY; M.B.A., New York University; C.P.A. (New York)
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<th>Years</th>
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<td>2017-2017</td>
<td>Dr. Timothy J. Houlihan</td>
<td>1909-1911</td>
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<td>1995-1996</td>
<td>Dr. John K. Hawes*</td>
<td>1900-1904</td>
<td>Brother Rapahel Breheney, O.S.F.</td>
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<td>1969-1995</td>
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<td>1897-1900</td>
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<td>1911-1919</td>
<td>Brother David McPartland, O.S.F</td>
<td>1858-1862</td>
<td>Brother John McMahon, O.S.F.</td>
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*Interim
Academic Calendar, 2018-19

SUMMER II, 2018 (18/S2) ACCELERATED SESSION

Independence Day Holiday – No classes; Library and administrative offices closed ……… Wed., July 4
18/S2 classes begin………………………… Mon., July 9
Last day to add 18/S2………………………… Tues., Aug. 7
Mark of “W” begins for course withdrawals ……… Wed., July 11
Last day to file Pass-Fail Option ……… Mon., July 16
Last day to drop with grade of “W” ……… Thurs., July 26
18/S2 Classes end ……… Thurs., Aug. 2
Final grades due via WebAdvisor by 2 p.m. ……… Mon., Aug. 6

SUMMER III, 2018 (18/S3) ACCELERATED SESSION

18/S3 classes begin………………………… Mon., Aug. 6
Last day to add 18/S3………………………… Tues., Aug. 7
Mark of “W” begins for course withdrawals ……… Wed., Aug. 8
Last day to file Pass-Fail Option ……… Mon., Aug. 13
Last day to drop with grade of “W” ……… Thurs., Aug. 23
18/S3 Classes end ……… Thurs., Aug. 30
Final grades due via WebAdvisor by 2 p.m. ……… Tues., Sept. 4

Fall 2018 (18/FA)

Labor Day- Library & Administrative Offices closed ……… Mon., Sept. 3
18/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 ……… Mon., Oct. 15
Columbus Day – No classes; Library and administrative offices closed ……… Mon., Oct. 8
Degree application for 2018 graduating classes due via WebAdvisor ……… Fri., Oct. 12
Advisement for 2019/IS and SP begins ……… Mon., Oct. 15
Midterm grades due via Web Advisor by 4 p.m. ……… Fri., Oct. 19
Last day to drop with grade of “W” ……… Thur., Nov. 8
Web Registration appointments for 19/IS and SP ……… Mon., Nov. 12 – Fri., Nov. 16
Thanksgiving Recess – No classes; Library and administrative offices closed ……… Wed., Nov. 21 – Sun., Nov. 25
18/FA Classes end………………………… Mon., Dec. 10
Study Day ……… Tues., Dec. 11
Final examinations ……… Wed., Dec. 12 – Tues., Dec. 18
Final grades due via WebAdvisor by 2 p.m. ……… Fri., Dec. 21
Christmas Holiday – Library and administrative offices closed ……… Mon., Dec. 24 – Tues., Jan. 1

Winter Intersession 2019 (19/IS) Accelerated Session

19/IS classes begin………………………… Wed., Jan. 2
Last day to add 19/IS …………. ……. ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ………… ……..
Index

A
Academic Advisement ........................................8
Academic Calendar ........................................235
Academic Dismissal ........................................14, 18
Academic Enhancement Center ............................9
Academic Integrity ........................................2
Academic Life ................................................7
Academic Major Forgiveness Policy .......................14
Academic Policies ........................................11, 16
Academic Probation: See Probation and Academic Dismissal.
Academic Programs .........................................19
Major Fields of Study ....................................19
Multiple Programs of Study .........................19
Current Offerings .....................................20
Minor Fields of Study ..................................21
Suspended Programs ..................................118
Accessibility and Accommodations (formerly Disability Services) .............9
Accident Insurance Program ...............................2
Accounting and Business Law ..............................29
Accounting Courses [ACC] ...............................130
Accounting Curriculum ................................31, 32, 33
Business Law Courses [BL] ..............................136
Corporate Accounting Minor .............................34
C.P.A. Certification ........................................29
Professional Accountancy Masters .......................34
Accreditation .................................................v
Activities .........................................................4
Adolescent Education/Biology Curriculum .................68
Adolescent Education/Chemistry Curriculum .................69
Adolescent Education Courses [AED] ......................133
Adolescent Education/English Curriculum .................70
Adolescent Education/Mathematics Curriculum ..............71
Adolescent Education/Social Studies Curriculum ..........72
Administration Listing .....................................226
Admission, Graduate ......................................17
Admissions ......................................................7, 17
Advanced Placement Program (AP) .......................8
Credit through College Level Examination (CLEP) ..........8
Experiential Learning .......................................8
Foreign Language Students ................................7
High School Equivalency Applicants ......................7
High School Graduates ....................................7
International Baccalaureate (IB) .........................8
International Students ....................................7
Military Experience Credit ................................8
Non-Matriculated Students ...............................7
Other Applicants ..........................................7
Transfer Applicants .......................................7
Advanced Placement Program (AP) .......................8
Advertising and Public Relations Concentration ..........52
Advisement (General): See Academic Advisement.
Affiliated Courses of Study ................................214
Affiliations: See Accreditation and Memberships.
Allied Health: See Biology and Health Promotion
Alumni Association .........................................6
American Studies Minor ....................................35
American Studies Courses [AMS] .......................133
Appeal of Grades ........................................14

B
Biology ..........................................................36
Biology Courses [BIO] ....................................134
Biology Curriculum ........................................39
Biology Minor .............................................43
Biomedical Science (Podiatric Medicine) Curriculum .......40
Molecular and Cellular Biology Concentration ..............39
Organismal Biology Concentration .......................40
Population Biology Ecology and Evolution Concentration ....39
Radiologic Science Courses [RAD] .....................218
Radiologic Sciences Curriculum .........................41
Biology/Adelescent Education Curriculum .................68
Biology/Childhood Education Curriculum ..................73
Biomedical Science (Podiatric Medicine) Curriculum .......40
Board, Administration, and Faculty .....................226
Administration .............................................226
Board of Trustees .........................................226
Faculty .......................................................228
Adjunct Faculty ...........................................230
Faculty Emeriti .............................................233
Past Presidents .............................................234
Bodies of Knowledge: See General Education Program
Bookstore ......................................................2
Business Administration Curriculum, Associate’s Degree ....103
Business Courses [BUS] ..................................137
Business Law Courses [BL] ................................136
Business Minor ............................................101

C
C Grades in Graduate Courses ................................18
Calendar ......................................................235
Campus Crime ................................................2
Campus Directions .........................................242
Campus Life and Student Affairs .........................2
Campus Map .................................................. Inside Back Cover
Campus Ministry .............................................2
Career Development Center .............................2
Center for Academic Enhancement: See Academic
Enhancement Center
Center for Student Success (CSS) .........................8
CHES Completion Program ..............................45
Chemistry/Adelescent Education Curriculum .................69
Chemistry and Physics ....................................46
Chemistry Courses [CHE] ................................139
Chemistry Curriculum ....................................47
Chemistry/Information Technology Curriculum ............48
Chemistry Minor ..........................................48
Physics Courses [PHY] ..................................192
Science Courses [SCI] ..................................203
Childhood Education/Biology Curriculum .................73
Childhood Education Courses [CED] ......................139
Childhood Education/English Curriculum .................74
Childhood Education/Mathematics Curriculum ..........75
Childhood Education/Social Studies Curriculum ..........76
D
D Grades in Major Courses ................................................. 14
Dean’s List .................................................................... 13, 18
Declaring a Major. See Major Fields of Study.
Declaring a Minor. See Minor Fields of Study.
Deferred Payment Fee ................................................. 22
Degree Requirements, Graduation, and Commencement .... 15, 18
Diagnostic Medical Sonography Courses [DMS] ............ 214
Digital Media: Film, Broadcasting & Journalism
Concentration ............................................................. 54
Directions to Campus .................................................... 242
Disability Services (now Accessibility & Accommodations) ......................................................... 9
Dismissal. See Probation and Academic Dismissal.
Distinctions. See Graduation Honors.
Drama Minor ................................................................. 81
Dropping Courses ........................................................ 11
Duns Scous Honor Society ............................................. 5

E
E-Commerce Concentration ..........................................., 98
Early Childhood Education Courses [EC] ..................... 146
Economics, History, Political Science and Social Studies .... 56
Economics Courses [ECO] .............................................. 147
Economics Curriculum .................................................. 58
Economics Minor .......................................................... 65
Finance Concentration .................................................. 59
International Economics Concentration ....................... 60
Public Policy Concentration ......................................... 61
History Courses [HIS] ..................................................... 162
History Curriculum ..................................................... 62
History Minor ............................................................... 65
Political Science Courses [PSC] .................................... 193
Political Science Curriculum ......................................... 63
Political Science Minor .................................................. 65
Social Studies Courses [SS] .......................................... 208
Social Studies Curriculum ............................................ 65
Education .................................................................... 66
Admission Requirements ............................................. 67
Adolescent Education/Biology Curriculum .................... 68
Adolescent Education/Chemistry Curriculum ................. 69
Adolescent Education Courses [AED] ......................... 133
Adolescent Education/English Curriculum ................... 70
Adolescent Education/Mathematics Curriculum ............ 71
Adolescent Education/Social Studies Curriculum ............ 72
Childhood Education/Biology Curriculum .................... 73
Childhood Education Courses [CED] ......................... 139
Childhood Education/English Curriculum .................... 74
Childhood Education/Mathematics Curriculum ............. 75
Childhood Education/Social Studies Curriculum ............ 76
Early Childhood Education Course [EC] ....................... 146
Education Courses [ED] .............................................. 149
Elementary Education. See Childhood Education.
Fitness Courses [FIT] .................................................... 159
Personal Training Minor ............................................. 78
Physical Education Courses [PE] ............................... 187
Physical Education Curriculum .................................... 77
Secondary Education. See Adolescent Education.
Elementary Education. See Childhood Education.
Emergency Notifications ............................................ 3
English .................................................................... 79
Creative Writing Masters (MFA) .................................... 82
Drama Minor ................................................................. 81
English Courses [ENG] ............................................... 149
English Curriculum ..................................................... 80
English Minor .............................................................. 81
Writing Courses [WRI] ................................................... 209
Writing Minor ............................................................... 81
English/Adolescent Education Curriculum .................... 70
English and Communications Concentration ............... 53
English/Childhood Education Curriculum ................. 74
Entrepreneurship Concentration ................................ 98
Entrepreneurship Courses [ENT] ............................. 154
Entrepreneurship Minor ............................................. 101
Environmental Studies ............................................. 83
Experiential Learning .................................................. 8

F
Facilities .................................................................... 2
Faculty Center for Technology & Curriculum Development. 10
Faculty Emeriti Listing ............................................... 233
Faculty Listing ............................................................ 228
Family Educational Rights and Privacy Act .................... 16
Fees ........................................................................ 22
FERPA. See Family Educational Rights and Privacy Act.
Field Placement/Internships ...................................... 12, 17
Film and Broadcasting Concentration ....................... 54
Finance Concentration (Economics) ......................... 59
Finance and Risk Management Concentration (Management) 98
Finance Courses [FIN] .............................................. 157
Financial Aid ............................................................... 23
Fine Arts Courses [FA] ................................................. 155
Fine Arts Minor .......................................................... 89
Fine First Year College See General Education Program Courses [FIT] .................................. 159
Foreign Language Students, Admission of .............................................................. 7
Foreign Languages, Fine Arts, and International
Cultural Studies ......................................................... 84
Fine Arts Courses [FA] ................................................. 155
First Year College See General Education Program
French Courses [FRE] .................................................. 160
French Courses [FRE] .................................................. 160
French Minor ................................................................ 89
French Minor ................................................................ 89
International Business Concentration .................. 85
International Cultural Studies Courses [ICS] .......... 173
International Cultural Studies Curriculum .......... 85
International Cultural Studies Minor .................. 90
Italian Courses [ITA] ................................................. 179
Italian Minor .............................................................. 89
Latin American and Caribbean Studies Concentration 86
Latin Courses [LAT] ..................................................... 179
Music Minor .............................................................. 91
Spanish Courses [SPA] ................................................. 206
Spanish Courses [SPA] ................................................. 206
Spanish Minor ............................................................. 88
Spanish Minor ............................................................. 88
Western European Studies Concentration ............ 87
Forensic Science Minor .......................................... 124
Fraternities ................................................................. 5
French Courses [FRE] .................................................. 160
French Minor .............................................................. 89
Full-Time Students. See Credit Hours and Credit-Hour Loads.

G
GED Applicants .......................................................... 7
General Business Concentration ......................... 99
General Education Program ...................................... 15, 18
General Education Program ...................................... 15, 18
General Proficiency Outcomes .............................. 15
Grade Appeals ............................................................ 14
Grade-Point Index. See Grades.
Grades. See Undergraduate Grading Policies;
Graduate Grading Policies.
Graduate Admission ................................................... 17
Graduate Courses and Registration ....................... 17
Graduate Degree Requirements, Graduation and
Commencement ......................................................... 18
Graduate Division ....................................................... 17
Graduate Grading Policies ......................................... 17
Graduation. See Commencement.
Graduation Honors ................................................... 16, 18
Greek Courses [GRK] .................................................. 161

H
Health Insurance. See Accident Insurance.
Health Care Management ......................................... 38
Health Care Management Curriculum .................. 42
Health Care Management Courses [HC] ............... 161
Health Promotion and Sciences ............................ 37
Health Promotion and Science Curriculum ........... 42
Health Promotion and Science Minor .................. 43
Health Science Courses [HIS] .................................... 171
Health Services ........................................................... 4
HEGIS Codes. See Major Fields of Study; Suspended
Programs.
High School Equivalency Applicants ................... 7
High School Graduates, Admission of ................... 7

I
Identification Cards .................................................... 3
Immunization Requirements .................................... 3
Independent Study ..................................................... 12, 17
Insurance ................................................................. 2
Information Technology ............................................ 95
Information Technology Courses [ITT] ................. 175
Information Technology Curriculum .................. 97
Information Technology Minor .............................. 101
Information Technology/Chemistry Curriculum .... 48
Information Technology Resources ....................... 10
Institute for International and Cross-Cultural Psychology 116
Instructional Computing .......................................... 10
Interactive Multimedia Minor ............................... 102
International Baccalaureate (IB) ............................. 8
International Business Concentration [ICS] .......... 85
International Business Concentration [Management] 99
International Cultural Studies Courses [ICS] ...... 173
International Cultural Studies Curriculum .......... 85
International Cultural Studies Minor .................. 90
International Economics Concentration ............... 60
International Students, Admission of ................. 7
International Student Advisor .............................. 3
Internships ............................................................... 12, 17
Intramurals ............................................................... 2
Italian Courses [ITA] ................................................. 179
Italian Minor .............................................................. 89

L
Languages. See Foreign Languages, Fine Arts, and International
Cultural Studies.
Late Fee Assessments ............................................... 22
Latin American and Caribbean Studies Concentration 86
Latin Courses [LAT] ..................................................... 179
Latin Honors. See Graduation Honors.
Leave of Absence ...................................................... 18
Liberal Arts Curriculum, Associate’s Degree .......... 93
Liberal Arts Requirements & Courses .................. 15
Library ................................................................. 10
Load. See Credit Hours and Credit-Hour Loads.
Lockers ................................................................. 3
Lost and Found ......................................................... 3
General Psychology Masters.................................................. 120
Institute for International and Cross-Cultural Psychology........... 116
Psychology Courses [PSY].................................................... 196
Psychology Curriculum....................................................... 118, 119
Psychology Minor.................................................................. 120
Public Health Minor.............................................................. 44
Public Policy Concentration.................................................. 61
Publications........................................................................... 4

Q
Quality-Point Index. See Grades.

R
Radiation Therapy Courses [RTT]........................................... 221
Radiography Courses [RTR]................................................... 216
Radiologic Science Courses [RAD]......................................... 218
Radiologic Sciences Curriculum........................................... 41
Refund of Credit Balances................................................... 23
Registration.......................................................................... 11, 17
Religious Holidays............................................................... 13
See also Academic Calendar.
Religious Studies Courses [REL]......................................... 200
Religious Studies Curriculum.............................................. 112
Religious Studies Minor...................................................... 113
Removing Obstacles to Success Program (ROS).................... 9
Repeated Course Work. See Course Repetition.
Report of Grades................................................................ 14, 18
Requirements for Admission to the Freshman Class............... 7
Requirements for Admission with Advanced Standing............. 7
Requirements for Degree..................................................... 15, 18
Reserve Officers’ Training Corp Program................................ 17
Residency Requirement....................................................... 15, 18
Retroactive Withdrawals..................................................... 11
ROTC.................................................................................. 17
Rubella.................................................................................. 4

S
Satisfactory/Unsatisfactory Courses. See Pass-Fail Courses.
Science Courses [SCI]............................................................ 203
Sciences, Mathematics, Health Promotions & Health Sciences
Division of........................................................................... 28
Secondary Education. See Adolescent Education.
Senior Residency Requirement.............................................. 15
SEVIS.................................................................................. 7
Social Fraternities and Sororities......................................... 5
Social Sciences, Division of.................................................. 28
Social Studies/Adolescent Education Curriculum.................... 72
Social Studies Courses [SS].................................................. 208
Social Studies Curriculum................................................... 65
Social Studies/Childhood Education Curriculum..................... 76
Social Work Concentration.................................................. 123
Sociology and Criminal Justice.......................................... 121
Criminal Justice Courses [CJ].............................................. 141
Criminal Justice Curriculum, Associate’s Degree............... 125
Criminal Justice Curriculum, Bachelor’s Degree.................... 122
Criminal Justice Minor....................................................... 124
Forensic Science Minor...................................................... 124
Social Work Concentration................................................. 123
Sociology Courses [SOC]..................................................... 204
Sociology Curriculum.......................................................... 123
Sociology Minor................................................................. 124
Sororities............................................................................. 5
Spanish Courses [SPA]....................................................... 206
Spanish Curriculum............................................................. 88
Spanish Minor............................................................... 90
Sports Management Concentration..................................... 102
Sports Management Courses [SPM]..................................... 208
St. Francis College Courses [SFC]........................................ 204
Student Activities............................................................. 4
Student Affairs................................................................. 2
Student Center.................................................................. 2
Student Counseling Center................................................ 4
Student and Exchange Visitor Information System. See SEVIS.
Student Health Services..................................................... 4
Student Publications and Activities..................................... 4
Student Refund Policy. See Refund of Credit Balances.
Study Abroad...................................................................... 12, 17
Suspended Programs.......................................................... 128

T
Technology ................................................................. 10
Technology and Curriculum Development................................ 10
Testing Accommodations................................................... 9
Third-Party Billing.............................................................. 22
Transfer Applicants........................................................... 7
Transfer Credit. See Courses at Other Institutions.
Transfer Student Services.................................................. 9
Travel and Tourism Concentration.................................... 100
Tuition Cancellation Policy................................................. 23
Tuition, Fees, and Financial Aid.......................................... 22

U
Undeclared Majors............................................................. 9
Undergraduate Grading Policies......................................... 13
United States Reserve Officer’s Training Corps Program
(ROTC).............................................................................. 17

V
Veterans.............................................................................. 8

W
Western European Studies Concentration............................. 87
Withdrawal from Courses or from the College...................... 11
See also Retroactive Withdrawals.
Women’s and Gender Studies............................................ 125
Women’s and Gender Studies Center................................... 127
Women’s and Gender Studies Courses [WGS]...................... 209
Workshops......................................................................... 9
Writing Courses [WRI]....................................................... 209
Writing Minor................................................................. 81
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 mta.info for updates.

- 2 (7th Avenue Express) stop at Borough Hall.
- 4 (Lexington Avenue Express) stop at Borough Hall.
- A (8th Avenue Express) stops at Jay Street/MetroTech.
- E (6th Avenue Express) at DeKalb Ave transfer to the R or at Atlantic Avenue/Barclays Center transfer to the 2, 3, 4, 5.
- G (8th Avenue Local) stops at Jay Street/MetroTech.
- H (6th Avenue Express) stops at Atlantic Avenue/Barclays Center; change to the 2, 3, 4, 5.

- F (6th Avenue Local) stops at Jay Street/Borough Hall.
- N (Broadway Express) stops at Atlantic Avenue/Barclays Center; change to the 2, 3, 4, 5.
- Q (Broadway Express) at DeKalb Ave change to the R or at Atlantic Avenue/Barclays Center change to the 2, 3, 4, 5.
- R (Broadway Local) stops at Court Street.

By Staten Island Ferry
Take the ferry to Manhattan Whitehall Terminal; change to the R or the 1, or 5 (See above). For more information about ferry service visit 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 for updates.

- B25, B26, B38, B41, or B52 to Court Street near campus.
- B45, B57, or B65 to Livingston Street.
- B54, B57, B62, or B67 to Jay Street.
- B103 to Adams Street.

From Staten Island, take the S53 bus to 95th Street and Fourth Ave or the S79 bus to 86th Street and Fourth Ave; transfer to the R.

By Long Island Railroad
The Long Island Railroad (LIRR) is operated by the Metropolitan Transportation Authority. Visit mta.info for timetables, fares, and updates.

Take the LIRR to Flatbush Avenue Terminal and change to the Manhattan-bound 2, 3, 4, or 5 (see above).

By PATH Train
The PATH Train is operated by the Port Authority of New York & New Jersey. Visit panynj.gov/path for timetables, fares, and updates.

Take the PATH Train to World Trade Center and change to the Brooklyn-bound A, C, 2, or 3 (see above).

Take the PATH Train to 9th Street and change to the Brooklyn-bound A, C, D, or F (see above).

By Metro-North
Metro-North is operated by the Metropolitan Transportation Authority. Visit mta.info for timetables, fares, and updates.

Take any train into Grand Central Terminal then change to the Brooklyn-bound 4, or 5 subway lines which stop at 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.

Please go to mta.info or panynj.gov/path before you travel to check for any schedule or service changes.
St. Francis College is located in historic Brooklyn Heights at 180 Remsen Street, between Court and Clinton Streets. The College is easily accessible by most major subway lines including the 2, 3, 4, 5, R, A and C and is just one stop from Lower Manhattan. Street parking is limited but there are ample public parking garages in the area.