TABLE OF CONTENTS

Catalogue 4

Message from the President 5

General Information 6

- Campus Life and Student Affairs 6
- Academic Life 6
  - Undergraduate Admission 6
  - Instructional Support 7
  - Academic Policies 10
  - Graduate Division 17
  - Academic Programs 18
- Financing Your Education 25
  - Payment Options 26
  - Tuition Cancellation Policy 26
  - Financial Aid 27

Programs of Study 31

- Accounting and Business Law 32
  - Accounting (C.P.A. Track), Combined BS/MS 34
  - Accounting (Non-C.P.A. Track), 130-Hour B.S 35
  - Corporate Accounting Minor 36
  - Professional Accountancy, MS 37
- American Studies 38
  - American Studies Minor 39
- Biology 40
  - Biology, B.S 41
  - Biology Minor 43
- Chemistry and Physics 43
  - Chemistry, BS 44
  - Chemistry Minor 45
- Communication Arts 46
  - Communication Arts, B.A 46
  - Communication Arts, B.A. — Concentration in Advertising/Public Relations 46
  - Communication Arts, B.A. — Concentration in Digital Media: Film, Broadcasting and Journalism 46
  - Communication Arts, B.A. — Concentration in English and Communications 46
  - Communication Arts Minor 46
- Economics, History, Political Science and Social Studies 46
  - Economics, BA 48
  - Economics (Concentration in Finance), BA 49
  - Economics (Concentration in International Economics), BA 50
  - Economics (Concentration in Public Policy), BA 51
  - History, BA 52
  - Political Science, BA 54
  - Social Studies, BA 56
  - Economics Minor 56
  - History Minor 56
  - Political Science Minor 56

Education 57

- Adolescent Education (Biology), BS 60
- Adolescent Education (Chemistry), BS 61
- Adolescent Education (English), BA 62
- Adolescent Education (Mathematics), BS 63
- Adolescent Education (Social Studies), BA 64
- Childhood Education (Biology), BS 65
- Childhood Education (English), BA 66
- Childhood Education (Mathematics), BS 67
- Childhood Education (Social Studies), BA 68
- Physical Education—Initial Certificate (Grades K-12), BS 70
- Personal Training Minor 71

Environmental Studies 71

- Environmental Studies Minor 72

Interdisciplinary Studies 73

- Interdisciplinary Studies, BA 75
- International Cultural Studies (International Business), BA 76
- International Cultural Studies (Latin American and Caribbean Studies), BA 76
- International Cultural Studies (Western European Studies), BA 76
- Spanish, BA 76
- Fine Arts Minor 78
- French Minor 78
- International Cultural Studies Minor 78
- Italian Minor 78
- Music Minor 78
- Spanish Minor 78

Health Science and Leadership 80

- Biomedical Science (Podiatric Medicine) B.S 81
- Exercise Movement Science, B.S 82
- Health Care Management, B.S 83
- Health Promotion and Science, B.S 83
- Radiologic Sciences, B.S. 84

Health Promotion and Science Minor 85
Public Health Minor 85
Honors 86
Liberal Arts 88
Liberal Arts, AA 89
Literature, Writing and Publishing 90
Literature, Writing and Publishing, BA 91
Drama Minor 92
Literature, Writing and Publishing Minor 92
Writing Minor 93
Creative Writing (Fiction), MFA 93
Creative Writing (Poetry), MFA 93
Creative Writing (Screenwriting and Playwrighting), MFA 93
Management and Information Technology 93
Business Administration, AAS 97
Information Technology, BS 98
Management, BS 99
Management (Business Management), MS 101
Management (Digital Marketing), MS 102
Management (Health Care Management), MS 102
Management (Project Management), MS 103
Management (Social Innovation & Entrepreneurship), MS 103
Business Minor 103
Entrepreneurship Minor 103
Fashion and Retail Management Minor 103
Information Technology Minor 103
Interactive Multimedia Minor 103
Project Management Minor 104
Sports Management Minor 104
Mathematics 105
Mathematics, BS 106
Mathematics Minor 107
Nursing 108
Nursing Traditional Four-Year Program, BS 110
Nursing Completion Program, BS 112
Philosophy and Religious Studies 114
Philosophy, BA 115
Religious Studies, BA 116
Philosophy Minor 117
Religious Studies Minor 117
Pre-Health Professions Programs 118
Professional Studies 119
Professional Studies, BS 120
Psychology 121
Psychology, BA 123
Applied Behavioral Psychology, BA/MA 125
General Psychology MA 127
Cross-Cultural and Multicultural Psychology Minor 128
Psychology Minor 128
Sociology and Criminal Justice 129
Criminal Justice, AAS 130
Criminal Justice, BS 131
Sociology, BA 132
Sociology (Social Work), BA 133
Criminal Justice Minor 134
Forensic Science Minor 134
Sociology Minor 134
Women's and Gender Studies 135
Women's and Gender Studies Minor 136
Center for Women's and Gender Studies 136
Suspended Programs 137
Courses of Instruction 138
Accounting (ACC) 138
Adolescence Education (AED) 141
American Studies (AMS) 141
Arthur Miller Jrnl Internship (AMJ) 141
Biology (BIO) 142
Business (BUS) 147
Business Law (BL) 150
Career Planning Seminar (CPS) 151
Chemistry (CHE) 151
Childhood Education (CED) 154
Communications (COM) 154
Criminal Justice (CJ) 162
Diagnostic Medical Sonography (DMS) 166
Early Childhood Education (EC) 168
Economics (ECO) 168
Education (ED) 171
Entrepreneurship (ENT) 172
Exercise Movement Science (EXM) 174
Finance (FIN) 177
Fine Arts (FA) 178
Fitness and Health (FIT) 181
French (FRE) 182

Freshman Orientation (SFC) 183
Greek (GRK) 183
Health Care (HC) 183
Health Science (HS) 185
History (HIS) 187
Honors (HON) 191
Human Resources (HR) 192
Information Technology (IT) 193
Interdisciplinary Studies (IDS) 199
Internat'l Cultural Studies (ICS) 199
Italian (ITA) 199
Latin (LAT) 200
Literature, Writing & Publishing (LWP) 200
Management (MGT) 210
Marketing (MKT) 211
Mathematics (MAT) 213
Nursing (NUR) 216
Philosophy (PHI) 219
Physical Education (PE) 224
Physics (PHY) 226
Political Science (PSC) 226
Project Management (PM) 229
Psychology (PSY) 230
Radiation Therapy (RTT) 238
Radiography Courses (RTR) 240
Radiologic Science (RS) 242
Religious Studies (REL) 243
Science (SCI) 246
Social Studies (SS) 246
Sociology (SOC) 246
Spanish (SPA) 251
Special Education (SED) 252
Sports Management (SPM) 254
Women's and Gender Studies (WGS) 255
Writing (WRI) 255
Directions to Campus 261
Index 262

CATALOGUE

179 Livingston Street
Brooklyn, NY 11201
718.522.2300

sfc.edu (http://www.sfc.edu)

Mission Statement

St. Francis College is an inclusive and diverse institution of higher education rooted in a commitment to academic excellence, compassionate hospitality, and ethical leadership. Inspired by St. Francis and St. Clare of Assisi, and founded by the Franciscan Brothers of Brooklyn, the college prepares students to serve and thrive in a global community and help shape a just society.

History of the College

In 1858, a group of Franciscan Brothers from Ireland came to Brooklyn to educate the large numbers of immigrants arriving in America, opening St. Francis Academy in 1859. It was the first private school in the diocese of Brooklyn. The school, which was opened to educate the boys of the diocese, started in a building on Baltic Street and grew quickly. In 1884, just 25 years later, the trustees of St. Francis received permission from the state legislature to "establish a literary college" under its current name and giving it the power to confer diplomas, honors, and degrees. In June 1885, St. Francis College conferred its first Bachelor of Arts degree, and seven years later the first Bachelor of Science degree was granted.

The College continued its meteoric growth and built a new facility on Butler Street in 1926. In 1957, the Regents of the University of the State of New York granted an absolute Charter to the Trustees of the College. In 1960, St. Francis embarked on an expansion program. It 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, athletics complex and housing to accommodate the Franciscan Brothers and provide more space for faculty.

In 2021, the College announced a transformative initiative designed to restructure academic and programmatic offerings to align with 21st Century career needs while expanding the population whom the College serves, locally and internationally. In conjunction with the strategic plan, the College recognized that to remain competitive and to meet the demands and expectations of today's students, SFC needed a modern, state-of-the-art campus. SFC undertook a multi-year planning and implementation process to reposition SFC for future success and growth, including the physical relocation of SFC's primary campus in Brooklyn.

In May 2021, SFC executed a lease for a new, custom-built campus at 179 Livingston Street in Downtown Brooklyn ("New Campus"). With a custom design and buildout that includes state-of-the-art, hi-tech educational amenities, the College successfully relocated to its new home in September 2022. The New Campus is comprised of over 255,000 sq. feet with a dedicated street level welcome center.

Today, St. Francis has more than 4,500 students and 20,000 alumni. Students come primarily from the five boroughs of New York City, although their diverse backgrounds represent over 70 countries and 40 plus languages. Many distinguished public servants, scientists, lawyers, business professionals, nurses, and teachers call St. Francis College alma mater, as do many of the priests and nuns.

The College's mission of providing a first-class, attainable, high quality education to individuals of all racial, ethnic, and religious backgrounds with a special focus on working class New Yorkers; firmly planted in our Franciscan values of community, collaboration, and connection continues today, just as the Franciscan Brothers envisaged more than 165 years ago.

Accreditation and Memberships

Institutional Accreditation Information

St. Francis College is accredited by the Middle States Commission on Higher Education (MSCHE), 3624 Market Street, Philadelphia, PA 19104

The MSCHE is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation (CHEA). For additional information about the College's accreditation status, or to file a complaint, please visit www.msche.org (http://www.msche.org/) or contact the Commission at (267) 284-5000, info@msche.org or in Spanish at españolinfo@msche.org,

Additionally, Middle States accreditation and status reports are maintained by the College's Accreditation Liaison Officer (ALO):

Dr. Gale Gibson Gayle

179 Livingston Street, Room 5106

Brooklyn, NY 11201

Phone : 718-489-5240

Email: ggibson-gayle@sfc.edu

Degree Program Accreditations

The St. Francis College nursing degree programs are accredited by the Commission on Collegiate Nursing Education (CCNE). More information about nursing is available on the NY State Department of Education's Office of the Professions: https://www.op.nysed.gov (http://www.op.nysed.gov/).

The St. Francis College education program is accredited by the Association for Advancing Quality in Educator Program (AAQEP). More information about education is available at AAQEP's website: https://aaqep.org/accredited-programs (https://aaqep.org/accredited-programs/).

NY State Charter

St. Francis College is chartered by the Regents of the University of the State of New York.

"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."

MESSAGE FROM THE PRESIDENT

Office of the President

Dear Terrier:

Welcome to St. Francis College.

In 1859 the Franciscan Brothers of Brooklyn established St. Francis College with the vision of offering a quality and attainable college education in the Borough of Brooklyn. We are proud to continue the Brother's legacy.

We recognize your talent, creativity and potential as the next generation of leaders. You are now part of a community whose core is rooted in the Franciscan values of respect, justice, hospitality and service. Every person here is committed to assisting you with unfettered access to our state-of-the-art campus, as well as a wide array of student activities and resources. You have a network of caring professionals to support your personal, academic and career success. Every professor, administrator and staff member are committed to supporting your dreams and goals at the College and beyond. We are here to guide you, challenge you and encourage you through your journey.

With a renewed focus on career-oriented degree programs, we offer an unparalleled variety of majors and opportunities for internships in your chosen field. We are also committed to supporting liberal arts as a foundation to a complete college education in an ever-changing world.

A St. Francis College education is measured not only by degrees granted, but also by the success and character exhibited by generations of our distinguished and generous alumni. On behalf of everyone at the College, I welcome you. We are all so very excited that you have joined our Franciscan family.

I look forward to meeting all of you.

Sincerely,

Timothy Cecere
President

179 Livingston Street
Brooklyn, New York 11201
718.489.5245
Fax: 718.237.8964
sfc.edu (http://www.sfc.edu)

GENERAL INFORMATION

Academic Life

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

Undergraduate Admission

St. Francis College seeks to admit students who present evidence that they can successfully pursue courses leading to a degree. 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 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 online (http://sfc.edu/admissions-aid/apply-online/). 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. Freshman applicants must submit evidence of at least a 71 GPA and successful High School Completion. Applicants who do not meet these requirements may be considered for admission but will be asked to complete additional academic activities. All accepted freshmen are required to take a Skills Assessment 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) Equivalency scores. New York State home-school students must submit a letter of substantial equivalency from the Superintendent of Schools. Home School students must submit a final copy of their academic transcript from a state recognized Home School Agency and a letter from the local school district verifying graduation upon enrolling at the College. All accepted students are required to take a Skills Assessment administered by St. Francis College. The Office of Admission reserves the right to request additional documentation and to waive certain requirements as part of the admission process.

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. More information can be found at www.sfc.edu/international (http://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 (http://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 who have taken 2 semesters or less of college-level work, must provide a copy of their official High School transcript to proceed. Non-matriculated students who have taken more than 2 semesters of college-level work, must provide a copy of their official college transcript to proceed. Non-matriculated students are enrolled in courses, but have not fulfilled 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. Transfer applicants must submit evidence of at least a 2.0 GPA to be considered for admission.

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 (http://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.

Prior Learning Assessment

St. Francis College grants credit for learning acquired outside the classroom through its Prior 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.

Instructional Support

Center for Student Success (CSS)

Through the Center for Student Success, St. Francis College facilitates a positive transition to college and ongoing academic advisement and support for all undergraduate students. Its mission is to provide holistic academic advising services that meet students where they are in their academic journey, as well as to develop strong relationships with students through its advising curriculum. Advisors are assigned to students upon enrollment, and they follow the same students through to graduation. Advisors work to identify strategies for each student that improve the academic and social integration necessary for college student persistence and success, as well as for timely degree completion. The Center facilitates registration onboarding for all incoming freshmen and transfer students, oversees academic planning and course registration for continuing students each term, assists with orientation, as well as works hand in hand with academic support and success programs at the College to connect students to needed resources.

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 to campus resources. It is the responsibility of each student to know and meet graduation and other school requirements and to meet with an academic advisor in the Center for Student Success during the advisement period, as needed. Advising holds are placed on student accounts at specific points during the student's college career to ensure they are checking in with their advisor at pivotal moments in their degree planning. During advisement meetings, advisors assist students with clarification of their educational and career goals, review their academic progress, and assist with selection of an appropriate coursework. Furthermore, each student will have an academic plan built out in Self-Service by their advisor to help create transparency in the academic planning process, and guide the student towards their needed coursework – students can view their academic plans 24/7 in Self-Service. The Center for Student Success is also responsible for the advisement of the College's Student-Athlete population, and employ an Athletics Academic Coordinator to oversee progress towards degree percentages, GPA requirements for the NCAA, and course planning to avoid scheduling conflicts. Students can make appointments with their advisor through the Navigate app.

Transfer Student Services

St. Francis College actively supports its incoming transfer students throughout their first journey at the college to ease their transition into a new academic community. After acceptance into the college, academic

advisors in the Center for Student Success work closely with the college's transfer credit specialists in the Office of Success Partnerships 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. St. Francis College hosts Transfer Registration 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).

First-Year Experience (FYE)

The First Year Experience is designed to provide support to all incoming first-year students during their exciting and challenging transition to college. FYE works to ensure that first-year students are able 1) to integrate and deepen their content knowledge across experiences, 2) to develop essential college-level success skills, 3) to build and hone self-care, self-advocacy, and personal growth, and 4) to generate and foster community, connection and belonging at SFC.

The two key programs within FYE that engage students in these goals include learning communities and the SFC 1001 First-Year Experience course. Learning communities are small cohorts of first-year Terriers linked up through shared courses within the General Education Program. SFC 1001 is a required course for all incoming first-semester students. This course serves as a roadmap for students as they navigate college life from their first day through the end of their first semester. It is designed to provide students with knowledge, resources, engagement, growth, and connections to be successful in their first year and beyond.

One of the most impactful ways in which FYE does this important work with our first-year students is through the Peer Leadership Academy (PLA). The Peer Leadership Academy is designed to provide student leaders with the opportunity to employ their voice, agency, and experience to inform, inspire and challenge their fellow Terriers. The Peer Leadership Academy has two main goals: 1) personal and professional development for the peer leaders and 2) peer support for the success of our incoming first-year students. This academy is entirely driven by student leaders for their student peers.

The Center for Learning and Leadership (CLL)

Staffed by professional and peer tutors, theCLLgives students the opportunity to develop the skills necessary for academic success and independence at the college level. The Center provides academic support and coaching for content area courses, classroom success skillsand offers the following programsand resources to support student persistence:

Workshopsona variety of skill development topics including how to take notes, how to be present in class, what it takes to achieve academic excellence, time management, learning strategies everyone should know and the following writing topics including: starting the essay; thesis development, identifying and gathering pertinentresearch; and revising strategiesare offered each semester.

Skills Assessment inWritingand Mathematicsarerequiredfor all incoming students. Transfer students who have received transfer credit forwritingand/or mathematics can be exempt from taking one or both parts of the assessment. Results are used to place students inCompositionand Math coursesbased on their demonstrated proficiency and degree needs.

Financial Coaching Support service to help students navigate and comprehend finances in a way that allows for better understanding and advocacy for financial, academic, and personal success. Obstacles to financial success could look like having trouble understanding your student account, filing/refiling for FAFSA and/or TAP, finding additional financial resources, or working on your budgeting skills as a college student. The Finance Coach is available to connect students with resources and information. Through 1-1 sessions or group events, the coach will be able to collaborate on finding and developing solution-based plans towards maximizing success throughout one's college career. Appointments can be made via email, or Navigate Student app.

Project Access is an academic support program run by the Center for Learning and Leadership for incoming first-year students who demonstrate a need to develop their reading, writing, critical thinking skills while transitioning to college. The program begins with a Summer Bridge program which serves as a primer for becoming a college student by presenting intensive lessons in reading and writing. This summer component also 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 twohours of weekly instructionwith one academic credit granted. The course focuses on helping students develop sound strategies for academic success that will be applicable across their college experience.Other components of the program include tutoring, peer-led interactions, community building events and programming focused on career readiness and success skill development.

Removing Obstacles to Success (ROS) Program

Removing Obstacles for Success (ROS) is an early intervention and retention program aimed to help students recover academically. Through academic planning, tutoring, monthly check-ins with the Assistant Director of Academic Resource and Recovery Programs, and one-on-one academic success coaching, students develop the necessary skills to be successful in and out of the classroom. 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 ROS program works closely with other departments on campus, such as the Center for Student Success, the Health and Wellness Center, Student Activities, and the Career Center, to provide holistic programming to support students.

The Office of Opportunity Programs

The Office of Opportunity Programs presents programs designed to enhance student success by providing pathways to educational opportunities, resources, community, and professional development. Situated within the Academic Affairs division of the College, the Office of Opportunity Programs is responsible for overseeing two key programs:

McGuire Scholars Program

The Robert J. McGuire Scholarship was established in 2015 in support of St. Francis College's mission to make possible the gift of education and opportunity for our future leaders. Thanks to the overwhelming generosity of Mr. Fred Wilpon, former chairman and CEO of the NY Mets, and his wife Judy, as well as other generous McGuire believers, the program has already provided more than $6 million in scholarships to more than 150 students.

This program has already provided economic opportunities, and workforce readiness to first-generation college students and has graduated over 100 scholars. Our scholars are prepared to pursue careers in their desired fields with the motivation to become leaders in their community and with aspirations of creating positive change. In 2023, the program was recognized as the NASPA Excellence Award Gold recipient for First-Generation Student Success. The program is supported through high touchpoint/impact practices along with student mentorship and advisory board members to support growth within the community.

To learn more, visit: https://www.sfc.edu/McGuire (https://www.sfc.edu/McGuire/)

Collegiate Science & Technology Entry Program (CSTEP)

The St. Francis College Collegiate Science and Technology Entry Program (CSTEP) serves undergraduate students interested in the sciences, health related fields, and careers in licensed professions such as psychology, social work, (law) and accounting.

Funded by a grant from the New York State Department of Education, CSTEP fosters academic excellence by ensuring students have the support services, summer programming, financial assistance, and career and research opportunities they need to succeed. We are an academic support program on campus and all students must be enrolled full-time every semester, identify as a NY resident, maintain a 2.5 GPA or above, attend 2 CSTEP events per semester, and obtain an internship or research experience before graduation. Most importantly, CSTEP students are part of a vibrant community of scholars who dream, serve, and achieve together as they pursue their professional goals. By graduation, students in CSTEP are highly prepared to enter the workforce and pursue graduate work in their field of study. We offer services such as test prep, emergency funds, travel funds, and so much more.

STEM Resource Center

Funded by the Department of Education, Title V Hispanic Serving STEM Success & Articulation grant, the STEM Resource Center (SRC) provides academic support, professional development and career readiness initiatives to students pursuing STEM fields. The STEM Resource Center (SRC)#provides focused support to undergraduate students who identify as Hispanic/Latinx or students from lower-income households. #Programs and services include- career and professional development coaching to ensure students are on path to pursue their graduate study and careers in STEM, academic support, faculty and peer mentorship, stipends for conducting research, support with participation in academic conferences, STEM community-building events, and more!

The Office of Accessibility and Accommodations

Accessibility and Accommodations and St. Francis College are committed to ensuring that all individuals with a disability (including learning, physical, mental health, and temporary conditions) are afforded equal access to the programs and services of the college. Accessibility and Accommodations provides reasonable accommodations to students with documented disabilities. Any student interested in obtaining accommodations should complete the Request for Accommodation form via Accommodate and upload any relevant documentation. Once an application and documentation has been submitted, students will be contacted to participate in an intake appointment to determine which accommodations are reasonable and appropriate. All accommodations decisions are made as part of an interactive process with the Office of Accessibility and Accommodations and the student, and are determined on a case-by-case basis. Once reasonable accommodations have been determined and approved, accommodation letters will be generated and sent to the student's faculty members. For any questions on accommodations or the office, please contact the Office of Accessibility and Accommodations by emailing oaa@sfc.edu or calling 718-489-2040. You can also follow the office on Instagram at @sfc.accessibility.

The Center for Advancement of Faculty Excellence

Rooted in a long history of faculty achievement and commitment to student success at St. Francis College, the Center for Advancement of Faculty Excellence (CAFE) serves as a locus of support for the faculty of St. Francis. In response to the needs of faculty, the CAFE promotes research, innovation, and high-quality academic engagement through an evidence-based, equity-minded approach to teaching, learning, and faculty development. In its work, the CAFE supports a wide range of institutional goals in alignment with the College's strategic plan, including those related to curriculum design, assessment of student learning, and co-curricular learning.

Instructional Computing

Technology plays a critical role in the academic journey of contemporary students which is why St. Francis College (SFC) prioritizes the integration of appropriate technologies into the academic experience. Students and faculty have access to a robust infrastructure of instructional and general computer spaces that features continually upgraded computer labs with specialized software, scanners, printers, and high-speed internet. Interactive classrooms and discipline-specific labs that support global e-learning, ensure flexible and hands-on learning with cutting-edge technology encountered in the real world, preparing students for the demands of the modern workplace. Some of the student-centered technology services the College provides includes:

Canvas Learning Management System (Canvas LMS) 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.

LinkedIn Learning e-learning resource is available to all SFC students. It provides access to educational content, training videos and courses on a broad variety of topics.

Zoom offers flexibility to allow students to attend classes remotely and for some face-to-face interaction with classmates and teachers, enhancing the online learning experience.

Self-Service provides students access to academic information, including web registration from any browser. Students can check their records by entering the appropriate SFC 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.

0365 OneDrive 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 (STS) provide students with support for Canvas Learning Management System, LinkedIn Learning, Zoom, Self-Service, 0365 OneDrive, printing, and other technology resources. Students may contact STS by emailing servicedesk@sfc.edu to create a work order request for help with technology.

Student Support Technology- Navigate For Students

SFC leverages technology to personalize and enhance the student experience through an app called Navigate Student! Navigate is a student success tool which bring critical resources and appointment scheduling to students with speed and ease. Students use Navigate to connect with their advisors, schedule appointments with advising and student support services, connect with campus resources, view their course schedule and any holds, connect with a student buddy in any class, stay on track with important To-Do list items and events, and more!

Information Technology Resources

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. Click here (https://library.sfc.edu/home/) for more information.

The Library’s hours of operation vary. During the week prior to finals and the week of finals, hours are extended to meet students’ needs.

Academic Policies

For additional policies related to Student Life, please check the Cord.

Undergraduate Courses and Registration

Twice each year, the Registrar’s Office sets registration appointments. In spring, students register for summer and fall courses; in fall, for intersession and spring courses. Students are encouraged to register early when the most sections are available. Consult the academic calendar for specific dates. Students may meet with an academic advisor to have their course selections approved before they register. Registration is contingent upon a record of satisfactory grades for the previous semester and completion of all prerequisites. Registration indicates a student's intention to satisfy the payment arrangements as required by the Office of the Bursar. ***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

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 would like to discontinue their enrollment at St. Francis College can submit a withdrawal from the institution form. Withdrawal means that a student will leave St. Francis College without a plan to return. Students are reminded that any loans they have taken to help fund their education will go into repayment immediately after a period of 6 months of non-enrollment and that tuition refunds are issued in accordance with the Tuition Cancellation Policy. It is recommended that students speak with their academic advisor and a financial aid counselor before withdrawing in order to discuss the impact of this decision. Students who are withdrawing from all courses must submit a Withdrawal from the Institution form and must participate in an exit counseling discussion when contacted by the Academic Dean's office.

- International students also need the signature of the International Student Advisor/DSO.
- The form can be found on the SFC webpage by clicking Registrar>Forms>Advisement & Registration

Leave of Absence from the College

A student may request a leave of absence for one or two semesters. The Leave must be filed no later than the last day of the add/drop period. The reason for leave must be indicated on the form so that the Academic Dean's office may follow-up appropriately. A leave begins at the end of a regular semester and shall not be granted for more than two semesters during the pursuit of the undergraduate degree. The student is expected to return at the conclusion of the leave or to request an extension of the leave. A leave will not be granted or will be rescinded if the student is suspended. Students must submit the Leave of Absence/Withdrawal from and must discuss the decision to file for Leave with a representative from the Academic Dean's office.

- International students also need the signature of the International Student Advisor/DSO.

The Office of the Registrar communicates with students on leave reminding them of the advising/registration period. Students retain access to their SFC email and login and can schedule appointments to connect with campus supports, as needed. Students are reminded that any loans they have taken to help fund their education will go into repayment immediately after a period of 6 months of non-enrollment. Students are advised to meet with a financial aid counselor to discuss the implications of leave on their aid package.
Unregistered students who do not submit a formal leave of absence, or do not return at the conclusion of their two-semester period of approved leave period, are withdrawn from the college and must meet with Admissions to reapply if they wish to return.

Military Leave of Absence

Any student who receives orders to report for active military duty should complete the Leave of Absence/Withdrawal form and indicate Active Duty as reason for leave, as well as upload a copy of military orders (if a copy of military orders is not available, the student may begin the leave process and submit orders upon return). If the leave occurs late in the semester, the student may arrange In Progress grading option with their professors and the Academic Dean. Upon completion of active military duty, the student will be automatically readmitted to the College by notifying the Office of the Registrar in writing of his/her intent to resume academic study at St. Francis.

Request for Personal/Medical Hardship Retroactive Withdrawals

Students may 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 though our Personal Medical Hardship Withdrawal processes. As part of the process, students must provide a detailed statement describing the medical or personal hardship experienced, provided their last dates of attendance/course engagement and any relevant supporting documentation such as a statement from a licensed medical professional.
Students should make every effort to present their situation as soon as possible, and ideally no later than the end of the term for which the retroactive withdrawal is requested. If the semester has already ended and grades have been recorded, students may request that the grades be converted to withdrawals (mark of W).
Submitting a request for personal or medical hardship withdrawal does not relieve the student of tuition obligations. Students should review the Tuition Cancellation schedule.
To file for the Personal/Medical Hardship withdrawal, students must first complete the *Withdrawal/Leave of Absence Application* and indicate Personal or Health as reason for withdrawal request. After this submission students will be contacted and provided with the Personal/Medical Hardship withdrawal form link for submission of statement and documentation. Unless a severe extenuating circumstance has occurred, 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.

Readmission

When a student is ready to return to the College after taking a leave for 1 or 2 semesters, they must submit a request for reactivation by emailing the Registrar at registrar@sfc.edu. They will be directed to complete a Reactivation application. In order to reactivate, students must resolve any registration blocking holds such as financial account, immunization, transcript, dean of students, and probation holds.

Students who have not been enrolled for more than 2 major consecutive terms, were academically suspended, or stopped out and transferred to another institution and are interested in re-enrollment must complete the Admissions application and indicate readmission. Students returning after a period of one year can be required to satisfy the academic regulations of the most recent college catalog. If they have any questions about readmission they can contact admissions@sfc.edu.

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 credits 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-4990 Supervised Student Teaching / CED-4990 Supervised Student Teaching / PE-4990 Supervised Student Teaching (Supervised Student Teaching) is considered a full-time student.

Pass-Fail Courses

To increase flexibility during a course of study in an undergraduate elective or General Education course, students may choose a Pass (P) or Fail (F) grade in place of a regular letter grade in accordance with the following:

- P/F grades will not be calculated in students' GPA.
  - HP (High Pass) will replace A, A-, B+, B, B-, C+, and C grades
  - LP (Low Pass) will replace C- and D grades
  - F earns zero credit, is associated with failure to meet learning outcomes, and does impact GPA
- *Courses required in the Honors program, major degree, and minor programs may not be selected for pass-fail status, including those that also satisfy a General Education requirement.
- Internships, field placements, tutorials, and independent study courses required for a major or minor degree program may not be selected to receive a P/F grade.
- Any course being used to substitute for a major or minor course may not be selected to receive a P/F grade.
- No more than one course per term and two courses per academic year can be taken on a P/F basis.
- The P/F option may not exceed the following overall credit limits to earn a degree:
  - Associate's degree – up to but not more than 6 credits
  - Bachelor's degree – up to but not more than 12 credits
- The student must designate the course that he or she wishes to take P/F on a special form provided by the Registrar's Office no later than the date indicated on the Academic Calendar. The student has the option until the deadline to withdraw their P/F form. After the deadline, the P/F grade cannot be reversed.
- This privilege does not excuse students from the required work of the particular course.
- Course instructors will submit letter grades at the end of each term. Grades will be then converted for students who submitted a P/F form.
- It is highly recommended that students consult with their academic advisor before submitting a P/F form. Further, students in programs that follow standards for external accreditation (i.e., Nursing, Teacher Certification) should consult with their department chair before selecting the P/F option for any course.

St. Francis College does not guarantee that other institutions will calculate a GPA in the same manner as detailed above when P/F grades appear on a student's transcript. *Covid Addendum: P/Fs awarded during 20/SP, 20/FA and 21/SP will not count towards the credit limit in the policy.

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 students (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. Independent Study courses cannot be applied to General Education requirements. 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.

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 45 hours per one-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. 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, a student cannot pursue courses at other institutions unless a required course is not being offered during the semester at St. Francis College without permission of the Academic Dean. 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. In no case may a student take a total of more than 10 credits during a summer session or 5 credits during the winter 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 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

St. Francis College is not an attendance taking institution. The SFC attendance and academic engagement policy applies to all course instruction modalities. At the beginning of each term and prior to our census date, all teaching faculty conduct an enrollment verification and identify students who have never attended a course in any modality. St. Francis College does not require attendance records from all faculty after the initial verification.

Faculty members can establish in-class attendance guidelines based on the nature of the course requirements, and those requirements are outlined in the course syllabus. It is the student's responsibility to complete course requirements as outlined in the course syllabus and to demonstrate active engagement: completing course requirements, engaging with labs and group work, regularly logging into the College system, participating in course discussions and reviewing materials provided in all class formats (synchronous, asynchronous, on-line, or in person), as applicable.

If course engagement is impacted due to an acute or chronic illness, students can directly request assistance by submitting a statement and supporting documentation to Accommodate (https://sfc-accommodate.symplicity.com/public_accommodation/). The Accessibility and Accommodations Office will work together with the student to discuss possible accommodations and support. To contact the Accessibility and Accommodations Office, please email oaa@sfc.edu.

Religious Holidays

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

Undergraduate Grading Policies

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

Grade	Description	Quality Points
A	Superior	4.0
A-	Excellent	3.67
B+	Accomplished	3.33
B	Very Good	3.0
B-	Good	2.67
C+	Above Average	2.33
C	Average	2.0
C-	Below Averge	1.67
D	Poor	1.0
F	Failing	0.0
H	Honors	(not computed)
HP	High Pass	(not computed)
IP	In Progress	(not computed)[1]
LP	Low Pass	(not computed)
P	Passing	(not computed)
W	Withdrawal	(not computed)
WU	Withdrawal Unofficial	0.0

[1] 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.

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:

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

Dean's List

Each semester a list of honor students is published by the Academic Dean. This list recognizes students' academic achievements and includes those students who have achieved a quality-point index of 3.5 or better. In order to be eligible for this award, 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. 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.

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 completes an application to petition for forgiveness whereby the poor grades in the initial major are forgiven. To apply for forgiveness, the student must have declared and, if relevant, been formally accepted into a new major program of study. Forgiveness is granted only once during the entire time a student is enrolled or re-enrolls at the College. The application, available from an Academic Dean, must be submitted before the student has attained lower junior standing (the equivalent of 60 credits). For more information on eligibility criteria, please review the procedures in *The Cord*.

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 Self-Service (Midterm and Final). Midterm grades provide feedback 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 used for advising purposes, but are not recorded on the permanent academic record. Only final grades, awarded at the end of the semester, become part of the student's permanent academic record.

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

Appeal of Grades

To appeal a grade, the student must, as the indispensable first step, approach the faculty member who gave the grade and request a review and change of grade. If the faculty member agrees to change the grade, then the faculty member has the responsibility to notify the Registrar. If the faculty member refuses to change the grade, then the student should discuss the concern with the chairperson of the department. If the chairperson cannot resolve the concern, the student may submit a request for a review and change of grade to the Academic Standards and Integrity Committee via the appeal form (https://forms.office.com/Pages/ResponsePage.aspx?id=CLmBycML4kinHvtNhxj3bGWj6G989ZxDpyu8NuPijI1UMURMQjNGWk02VkpSME The request must be submitted within six (6) weeks of the first day of class of the semester following that in which the contested grade was given.

Probation and Academic Suspension

All students must maintain a GPA of 2.0 to be in good academic standing. Academic Probation is a status that indicates a student's academic work is below the expected standard. Students are expected to work closely with the CLL' Academic Resource & Recovery team and their CSS academic advisor to return to good standing. All students on academic probation are required to participate in the College's academic recovery program, Removing Obstacles for Success (ROS).

After **one** term on probation, students who are not in good academic standing will be academically suspended. Students are subject to academic suspension or 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 the student's failure to demonstrate academic progress. In addition, students are subject to academic dismissal based on the recommendation of the Academic Standards and Integrity Committee.

Any student who has been placed on academic suspension from the College has the right to petition the Committee on Academic Appeals to reconsider its decision. Students can complete a petition form, explaining the extenuating circumstances beyond the student's control that caused the poor academic performance. Decisions on such appeals

by the Committee on Academic Appeals shall be considered final. Any student who successfully appeals and is retained from an academic suspension will automatically be placed on academic probation and must participate in the Removing Obstacles to Success Program.

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

Student Learning Outcomes[1]	**Degree:Associates, Bachelor of Science, Nursing Completion (BS, NUR) and Bachelor of Science Professional Studies**	**Traditional Baccalaaureate Degrees**
First Year College:	(One course in each First Year Category) 18	(One course in each First Year Category) 18
Understanding College (FS)		
Writing and Presentation (WRI1 and OC1)		
Mathematics (QR1)		
Information Literacy, Media, and Resaerch (ITML)		
Bodies of Knowledge:	(One course in each Body of Knowledge) 15	(Two courses in each Body of Knowledge) 30
Creative Voices across Cultures (HCE/CVC)		
Science at Work (NPW/SCIW)		
Ethics, Reality and Logic (PEM/ERL)		
Individual and Societies (SEH/IAS)		
Our World, Past and Present (WHG/WPP)		
Personal Wellness (FH)		
Religion and Culture (RS)		
Minimum credits	33	48

[1] *Please see SFC website,* www.sfc.edu/academics/gep *(*http://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. Courses in the Bodies of Knowledge are designed to include liberal arts content regardless of the courses subject and meet the requirements for Liberal Arts courses. Certain CJ courses (such as CJ-1020 Introduction to Criminal Justice, CJ-3070 Addictions I and CJ-3075 Addictions II), foundational ENT courses, and select introductory survey courses in other departments (ex. ED-1201 Foundations of Education) also meet the requirements for Liberal Arts courses. The following courses will not count as liberal arts electives: ECO-3331 Principles of Finance, ECO-3332 Managerial Finance, ECO-3333 Investment Analysis, ECO-4433 Portfolio Management.

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.

Institutional Residency Requirement

Thirty (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.

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

Participation in Commencement

Only students who have completed all degree requirements by the end of Spring term will be eligible to participate in the May commencement exercises unless special permission has been given by the Academic Dean.

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.
- 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.

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 earned at the awarding institution. Graduate transfer credit is not included in the graduate grade-point index.

Graduate Courses and Registration

Credit Hours and Credit-Hour Loads

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

Graduate students are required to have permission from the Graduate Academic Dean for course approval. Under no circumstances may a graduate student register for more than 12 credit hours for a single semester without approval.

Pass-Fail Courses

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

Independent Study

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

Field Placements and Internships

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

Courses at Other Institutions

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

Study Abroad

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

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

Graduate credit will not be awarded from any ROTC program.

Graduate Grading Policies

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

Grade	Description	Quality Points
A	Superior	4.0
A-	Excellent	3.67
B+	Accomplished	3.33
B	Very Good	3.0
B-	Good	2.67
C+	Above Average	2.33
C	Average	2.0
F	Failing	0.0
H	Honors	(not computed)

S	Satisfactory	(not computed)
U	Unsatisfactory	(not computed)
W	Withdrawal	(not computed)

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 Self Service. 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 may be 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 or no longer meet the program's learning outcomes 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 Director of General Education, in consultation with 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 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 should consult the department in which they wish to enroll to determine if they meet any applicable program requirements for licensable programs such as NUR, EDU, and ACC. 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:

Program	Associate's Degree	Bachelor's Degree	Master's Degree	Teaching Certification	HEGIS Code	NYS Inventory	CIP Code
Accounting (130-Hour Programs)		B.S. (p. 35)			0502.00	09508	52.0301
Accounting/C.P.A. Dual Award		B.S. (p. 34)	M.S. (p. 34)		0502.00	29444	52.0301
Adolescence Education—Biology		B.S. (p. 60)		7-12	0401.01	26287	13.1322
Adolescence Education—Chemistry		B.S. (p. 61)		7-12	1905.01	26288	13.1323
Adolescence Education—English		B.A. (p. 62)		7-12	1501.01	26289	13.1305
Adolescence Education—Mathematics		B.S. (p. 63)		7-12	1701.01	26290	13.1311
Adolescence Education—Social Studies		B.A. (p. 64)		7-12	2201.01	26291	13.1318
Biology		B.S. (p. 41)			0401.00	09506	26.0101
Biomedical Science[1]		B.S. (p. 81)			1299.00	8111	26.0102
Business Administration	A.A.S. (p. 97)				5004.00	77401	52.0101
Chemistry		B.S. (p. 44)			1905.00	09527	40.0501
Childhood Education—Biology		B.S. (p. 65)		1-6	0802.00	28188	13.1202

Childhood Education—English		B.A. (p. 66)		1-6	0802.00	26286	13.1202
Childhood Education—Mathematics		B.S. (p. 67)		1-6	0802.00	35243	13.1311
Childhood Education—Social Studies		B.A. (p. 68)		1-6	0802.00	28187	13.1202
Childhood Special Education (Grades 1-6)			M.S. (https://catalog.sfc.edu/catalogue/programs/education/special-education-ms/)		0808.00	42342	13.1017
Computer Science		B.S. (https://catalog.sfc.edu/catalogue/programs/management-information-technology/computer-science-bs/)			0701.00	43658	11.0701
Computer Science			M.S. (https://catalog.sfc.edu/catalogue/programs/management-information-technology/computer-science-ms/)		0701.00	43763	11.0701
Creative Writing (Fiction)			M.F.A. (p. 93)		1507.00	38514	23.1302
Creative Writing (Graphic Writing)			M.F.A. (p. 90)		1507.00	38514	23.1302
Creative Writing (Nonfiction)			M.F.A. (https://catalog.sfc.edu/catalogue/programs/literature-writing-publishing/creative-writing-nonfiction-mfa/)		1507.00	38514	23.1302
Creative Writing (Poetry)			M.F.A. (p. 93)		1507.00	38514	23.1302
Creative Writing (Screenwriting and Playwrighting)			M.F.A. (p. 93)		1507.00	38514	23.1302
Criminal Justice	A.A.S. (p. 130)				5505.00	09536	43.0104
Criminal Justice		B.S. (p. 131)			2105.00	22416	43.0104
Economics		B.A. (p. 48)			2204.00	09531	45.0601
Economics Concentration in Finance		B.A. (p. 49)			2204.00	09531	45.0601

Economics Concentration in International Economics		B.A. (p. 50)		2204.00	09531	45.0601
Economics Concentration in Public Policy		B.A. (p. 51)		2204.00	09531	45.0601
Educational Studies		B.S.		0801.00	40358	13.9999
Entrepreneurship		B.S. (https://catalog.sfc.edu/catalogue/programs/management-information-technology/entrepreneurship-bs/)		0599.00	42240	52.0701
Exercise & Movement Science		B.S. (p. 82)		1299.30	40775	26.0908
Exercise & Sport Science			M.S. (https://catalog.sfc.edu/catalogue/programs/health-science-leadership/exercise-and-sports-science-ms/)	1299.30	41562	26.0908
Finance		B.S. (https://catalog.sfc.edu/catalogue/programs/management-information-technology/finance-ba/)		0504.00	42085	52.0801
Global Studies		B.A. (https://catalog.sfc.edu/catalogue/programs/interdisciplinary-studies/global-studies-ba/)		2210.00	42216	30.2001
Health Care Management		B.S. (p. 83)		1202.00	78363	51.0701
Health Promotion and Science		B.S. (p. 83)		1201.00	09504	51.9999
History		B.A. (p. 52)		2205.00	09532	54.0101
Information Technology		B.S. (p. 98)		0702.00	24315	11.0199
Interdisciplinary Studies		B.A. (p. 75)		4903.00	40768	30.0000
Liberal Arts	A.A. (p. 89)			5649.00	77402	24.0101
Literature, Writing and Publishing		B.A. (p. 90)		1599.00	42228	23.0101
Management		B.S. (p. 99)		0506.00	09509	52.0201

Management (Business Analytics)		M.S. (https://catalog.sfc.edu/catalogue/programs/management-information-technology/management-businss-analytics-ms/)	0506.00	39553	52.0201
Management (Business Management)		M.S. (p. 101)	0506.00	39553	52.0201
Management (Health Care Management)		M.S. (p. 102)	0506.00	39553	52.0201
Manamgement (Digital Marketing)		M.S. (p. 102)	0506.00	39553	52.0201
Management (Information Technology)		M.S. (https://catalog.sfc.edu/catalogue/programs/management-information-technology/management-information-technology-ms/)	0506.00	39553	52.0201
Management (Project Management)		M.S. (p. 103)	0506.00	39553	05.0201
Managment (Social Innovation & Entrepreneurship)		M.S. (p. 103)	0506.00	39553	05.0201
Mathematics	B.S. (p. 106)		1701.00	09523	27.0101
Media and Communication	B.A. (https://catalog.sfc.edu/catalogue/programs/media-and-communication/media-and-communication-ba/)		0601.00	81051	09.0100
Media and Communication Concentration in Advertising/ Public Relations	B.A. (https://catalog.sfc.edu/catalogue/programs/media-and-communication/media-and-communication-ba-concentration-advertising-and-public-relations/)		0601.00	81051	09.0100

Media and Communication Concentration in Digital Media	B.A. (https://catalog.sfc.edu/catalogue/programs/media-and-communication/media-and-communication-ba-concentration-digital-media-production/)		0601.00	81051	09.0100
Media and Communication Concentration in Media Studies	B.A. (https://catalog.sfc.edu/catalogue/programs/media-and-communication/media-and-communication-ba-concentration-media-studies/)		0601.00	81051	09.0100
Medical Technology	B.S.		1223.00	77009	51.1005
Nursing Traditional Four-Year Program (Pre-Licensure Track	B.S. (p. 110)		1203.10	336428	51.3801
Nursing Completion BS Track)	B.S. (p. 112)		1203.10	23242	51.3899
Physical Education Teacher Specialization[3]	B.S. (p. 70)	K-12	0835.00	26292	13.1314
Political Science	B.A. (p. 54)		2207.00	09533	45.1001
Political Science Concentration in American Government	B.A. (https://catalog.sfc.edu/catalogue/programs/economics-history-political-science-social-studies/political-science-ba-concentration-american-government/)		2207.00	09533	45.1001
Political Science Concentration in Global Politics	B.A. (https://catalog.sfc.edu/catalogue/programs/economics-history-political-science-social-studies/political-science-ba-concentration-global-politics/)		2207.00	09533	45.1001

Post Baccalaureate Childhood Education	Post Bacc./Cert.		1-6	0802.00	41178	13.1299
Professional Accountancy		M.S. (p. 37)		0502.00	33902	52.0301
Professional Studies[7]	B.S. (p. 120)			4901.00	09535	24.0101
Psychology	B.A. (p. 123)			2099.00	09528	42.2799
Psychology, Applied Behavioral Dual Award	B.A. (p. 125)	M.A. (p. 125)		2099.00	35578	42.2799
Psychology		M.A. (p. 127)		2099.00	38841	42.2799
Public Health	B.S. (p. 115)			1201.00	42540	51.999
Public Health		MPH (https://catalog.sfc.edu/catalogue/programs/health-science-leadership/public-health-mph/)		1299.00	42540	26.0509
Radiologic Sciences[6]	B.S. (p. 84)			1225.00	20732	51.0907
Religious Studies	B.A. (p. 116)			1510.00	09522	38.0201
Sociology	B.A. (p. 132)			2208.00	09534	45.1101
Spanish	B.A. (p. 76)			1105.00	09517	16.0905

1 In cooperation with NY College of Podiatric Medicine.
2 Open to qualified transfer students with a valid R.N. only.
5 New York State Initial Endorsement is for all grades.
6 In cooperation with medical technology partner institutions.
7 This program is open to all students.

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
Business Analytics
Chemistry
Communication Arts
Corporate Accounting
Criminal Justice
Cross-Cultural Psychology
Digital Marketing
Drama
Economics
Entrepreneurship
Environmental Studies

Fashion & Retail Management
Fine Arts Minor
Forensic Science
French
Health Promotion and Science
History
Human Resources
Human Rights
Information Technology
Interactive Multimedia
International Business
International Migration Studies
Italian
Literature, Writing & Publishing
Mathematics
Music
Personal Training
Philosophy
Political Science
Project Management
Psychology
Public Health
Religious Studies
Sociology
Spanish
Sports Management
Visual Arts
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 Student Accounts 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.

Late Fee Assessments

A late fee will be charged if payment is not received by the published due date on the website and the bill. 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, students with open balances will get a financial hold on their student record and will not be permitted to register for future semesters.

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 Student Accounts 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 or in collections will be placed on financial hold, preventing future registration or the release of your diploma.

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

Payment Options

All students are bound by the payment due date that is on the colleges website and on the bill(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 immediately. Students who register or pay after the initial registration and payment period will incur late fees. Payment dates can always be found on the college's website.

In Person

Payment may be made via cash, bank check, or money order.

Touch-Net

E-checks and credit card payments are processed online through Touch-Net. Please note: all credit card transactions are subject to a convenience fee. There is no fee for E-check/savings transactions.

By Postal Mail

Please include the student's name and SFC ID# on all checks and money orders and make them payable to St. Francis College. *Please* d*o not send cash by mail.* Mail payments to our college's lock box at:

St. Francis College

PO Box 9500-5920

Philadelphia, PA 19195-5920

Monthly Payment Plan

The College has partnered with Touch-Net for the purpose of administering monthly payment plans for the fall and spring semesters. Plan details are available online at http://sfc.edu/studentlife/bursar (http://sfc.edu/studentlife/bursar/). The toll-free number is (833) 269-3675 *The monthly payment option is not available for Term B, 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, as well as external scholarships. Students must complete the appropriate FAFSA application in order to apply for financial aid. A financial aid offer letter will be emailed once the college receives all necessary information and determines the student's eligibility. Students must accept their award letter on their self-service portal indicating the aid and loans they plan to accept or decline.

Only validated financial aid awards will appear on invoices and student accounts. If there are any discrepancies or aid is missing, please contact our financial aid office by e#mail at financialaid@sfc.edu. Balances not covered by financial aid must be paid by the designated due date.

International Payments

St. Francis College has partnered with the FlyWire International payment portal to streamline the fee payment process for our international students and payers. FlyWire offers multiple payment options, excellent foreign exchange rates and allows you to pay from almost any country. They will ensure that your payment arrives safely and accurately.

To make your payment, visit sfc.flywire.com (https://urldefense.com/v3/__http:/sfc.flywire.com__;!!ErLS1_HoSnGPc4u4!SiPN8bAQfdlf1PM4mnFKOUoHKWf32r0xCfyU5cf7pNMfg3jpciQgvIPSuXeCeaJjnQ/). Please make sure to note your SFC student ID number in the payment transaction.

if you require any help with your payment, visit www.flywire.com/help (https://urldefense.com/v3/__http:/www.flywire.com/help__;!!ErLS1_HoSnGPc4u4!SiPN8bAQfdlf1PM4mnFKOUoHKWf32r0xCfyU5cf7pNMfg3jpciQgvIPSuXdCRNInOQ/

Third-Party Billing

Students may submit third-party vouchers by the official payment due date. Vouchers will only be accepted in lieu of payment as long as the sponsoring agent assumes responsibility for payment upon receiving an invoice from the College. Students are expected to make appropriate arrangements if a third party fails to pay any portion of the bill.

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

Refund of Credit Balances

Sign up for e-Refund (Direct Deposit)

If you have a credit balance on your account, you may be eligible for a refund. To receive an e-Refund, you must log in to your Touch-Net account and set up an e-refund account. If you have not already done so.

Federal Direct Parent PLUS Loan Refunds

If a Federal Direct Parent PLUS Loan exceeds the student's College charges, the refund will be made to the parent borrower unless the parent has indicated otherwise on the loan application form allowing the credit to be refunded to the student.

Wire Transfer

If your account has been overpaid by a wire transfer, either the college will return the amount of the wire transfer overage to the originating bank or you may leave the excess funds on your student account to be applied towards future tuition charges. Partial refunds are not allowed.

SFC Awards

Student cannot be issued a refund with an open balance. There must be credit available in order to be issued a refund.

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 could be cancelled according to the following schedule.

Fall or Spring Semester

Date of Withdrawal	Percent Cancellation
Before the first day of the semester	100%
Week 1	100%
Week 2	80%
Week 3	60%
Week 4	40%
Week 5	20%
After the fifth week of the semester	0%

Summer Sessions

Date of Withdrawal	Percent Cancellation
Prior to and during the first week of the term	100%
During Second Week of the term	50%
After the second week of the term	0%

Intersession (January Session Prior to the Spring Semester)

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

Financial Aid Recipients

The College is required to recalculate all aid eligibility for the semester if a student **completely withdraws** from school and was eligible for federal grants and loans. The student will be responsible for any balance due to the College as a result of a reduction in financial aid funds.

Exception to Policy

If a student believes that he or she has an extraordinary situation that warrants an exception to the tuition cancellation policy. A written request along with supporting documentation must be submitted to a Academic Dean.

In cases related to medical withdrawals, the Academic Deans will review and approve the academic withdrawal. Final approval for all financial adjustments will be made by the student accounts and financial aid 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 studentaid.gov (https://studentaid.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)

Federal regulations require St. Francis College to establish, publish and apply reasonable standards of Satisfactory Academic Progress (SAP) for financial aid eligibility. The purpose of measuring and enforcing these standards is to ensure financial aid recipients make progress toward graduation.

Satisfactory academic progress is comprised of three areas as required by federal regulations. A student must complete their degree within a specified maximum timeframe, demonstrate they are progressing through their program at a pace that will ensure graduation within the maximum timeframe, and achieve a GPA that is consistent with meeting graduation requirements.

All financial aid recipients are required to meet SAP standards toward completion of degree requirements in order to be eligible for Title IV aid, and when applicable, institutional financial aid programs.

Federal Satisfactory Academic Progress

Federal regulations (CFR 668.34) 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 maximum timeframe, demonstrate they are progressing through their program at a pace that will ensure graduation within the maximum timeframe, and achieve a GPA that is consistent with meeting graduation requirements. This policy on satisfactory academic progress applies to all undergraduate students who apply for and/or receive federal financial aid and/or St. Francis College scholarships and grants, whether a previous aid recipient or not. Note that the criteria for the New York State Tuition Assistance Program satisfactory academic progress differ from the federal and St. Francis College satisfactory academic progress criteria.

Financial Assistance Programs Affected

Federal Programs:

·Federal PELL Grant

·Supplemental Educational Opportunity Grant (SEOG)

·Federal Stafford Loans both Subsidized and Unsubsidized

·Federal Parent Plus Loan

·Federal Work-Study

Institutional Programs:

·St. Francis College institutional scholarships and grants

·Need-Based grants

·St. Francis College Endowment Scholarships

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 for Satisfactory Academic Progress. Students will then be reviewed annually until graduation. First Year Spring Admits and students who transfer to St. Francis College in January will be evaluated after their first semester.

When a student returns from a period of non-attendance from St. Francis College, all prior academic activity will be included in future SAP evaluations.

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 standards by email notification from the Office of Financial Aid.

Maximum Time Frame for Degree Completion

Federal regulations specify that a student must complete his/her degree within 150 percent of the published length of the program. The maximum timeframe at Cornell is measured in credits. For example, if your degree program requires 120 credits to graduate, the maximum timeframe for degree completion is 180 attempted credits (120 x 150% = 180). The number of credits required for degree completion, and therefore the maximum timeframe for degree completion, may vary by college and academic program.

Credits included in the maximum timeframe are all attempted credits, even when not a financial aid recipient, and regardless of whether attending full-time or part-time. Attempted credits include:

- Earned credits – Passed (A through D-)
- Repeated courses – both attempts
- Withdrawal
- Failures – Failed (F)
- Incomplete
- All accepted transfer credits (including AP, consortium agreements, and Study Abroad courses) toward the degree program

Required Completion Rate

Federal regulations require that a student must progress through their program at a pace that will ensure graduation within the maximum timeframe. Progress is measured for students cumulatively. In order to graduate within the maximum timeframe, a student must earn at least 67 percent of their attempted credits. Earned credit hours include:

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

Required Grade Point Averages

Federal regulations require that a student meet minimum cumulative GPA standards to retain eligibility for aid. To meet Satisfactory Academic Progress standards, a student must maintain a cumulative GPA of at least 2.0. Earned letter grades of A, B, C, D, and F (including repeated courses) are counted toward the GPA.

Additionally, the Higher Education Act requires a specific review of GPA at the end of a student's second academic year (after four semesters). Any student with a cumulative GPA under 2.0 after four semesters will be failing to meet SAP standards.

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 (https://www.hesc.ny.gov/partner-access/financial-aid-professionals/tap-and-scholarship-resources/tap-coach/S.html) for full information.

State SAP Charts

Effective 2010-2011 for student's receiving first NYS awards payment in 2007-2008 and thereafter.

Four and Five Year Baccalaureate for students starting after 2007

TAP Payment & Points	Min. Total Credits Completed	Min. Credits Purused Prior Semester[1]	Min. Grade Point Index	Misc. SFC Rqt.
1; 6	0	0	0.00	
2; 12	6	6	1.50	
3; 18	15	6	1.80	
4; 24	27	9	1.80	
5; 30	39	9	2.00	Must have declared a major

6; 36	51	12	2.00	Must have declared a major
7; 42	66	12	2.00	Must have declared a major
8; 48	81	12	2.00	Must have declared a major

[1] Courses must be completed with a grade of A, B, C, D, F or P. Grades of W, WU 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.

Failing to Meet Satisfactory Academic Progress

Students failing to meet Satisfactory Academic Progress standards will lose their financial aid eligibility. They will be notified in writing of their status by the Office of Financial Aid.

Students terminated from receiving financial aid can reestablish eligibility by successfully earning the cumulative credits and GPA required for SAP. Neither paying for one's classes nor sitting out a semester is sufficient to reestablish the financial aid eligibility of a student who has failed to meet SAP. If a special or unusual circumstance contributed to a student's lack of satisfactory academic progress, the student may appeal the denial of financial aid.

Appeal Process

The letter of denial from the Office of Financial Aid will describe the appeal process and a link to fill out the appeal form will be provided. Examples of special or unusual circumstances are personal injury or illness, the death of a relative, or other circumstances as determined by the student's college. The appeal must explain why the student failed to make satisfactory academic progress and what has changed in the situation that will allow the student to make satisfactory academic progress at the next evaluation. The Office of Financial Aid may request additional documentation at any point while evaluating an appeal. Documentation examples include, but are not limited to a letter from a doctor, medical care provider, or objective third party (e.g. a minister, social worker, counselor, facilitator, or other professional) that supports the student's situation. The appeal must be submitted to the office of financial aid for evaluation. The college will respond to the appeal in writing within two weeks of receiving the complete appeal.

If the appeal is approved and the college determines that the student should be able to meet cumulative SAP standards by the end of the fall semester, the student may receive aid during the fall semester while on financial aid probation. If the appeal is approved and the college determines that the student will require more than one semester to meet cumulative SAP standards, the college may develop an academic plan specifically for the student and the student may receive aid during the fall semester while on financial aid probation. All students on financial aid probation during the fall semester will have their SAP reevaluated before the spring semester. To remain eligible for financial aid during the spring semester, the student must be meeting cumulative SAP standards or standards specified in their academic plan. The Office of Financial Aid will monitor whether a student met the requirements of their academic plan and will work in conjunction with the CSS office for clarification as necessary. Students who fail to make SAP by the end of the fall semester will have their future financial aid eligibility terminated and will be notified in writing by the Office of Financial Aid. As stated previously, students terminated from receiving financial aid can reestablish eligibility by successfully earning the cumulative credits and GPA required for SAP.

If the appeal is denied by the Office of Financial Aid, the student will be notified by email of the decision. This notification will also make the student aware of their opportunity to respond and provide more information and documentation regarding their extenuating circumstances, if applicable. While there is no official appeal deadline, all information should be submitted during the term the student is seeking aid, and not after.

Federal regulations prevent a student from submitting the same appeal two semesters in a row. However, there is no limit to the number of appeals a student can submit if they can document there are new circumstances preventing the student from meeting SAP standards. Similarly, there is no limit to the number of semesters a student can be on financial aid probation as long as an approved appeal or academic plan is in place and the student continues to make progress toward their degree.

Appeals must be submitted promptly to provide adequate time for review and processing. If an appeal is received after a payment period has ended, you will not be eligible for any Title IV aid in the payment period that has ended, even if the appeal is later approved.

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.

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 and submit this to the Office of Financial Aid for review.

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.

Division of Humanities, Communications, and Education

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.

American Studies (p. 38)

Media and Communication (https://catalog.sfc.edu/catalogue/programs/media-and-communication/)

Education (p. 57)

Environmental Studies (p. 71)

Literature, Writing and Publishing (https://catalog.sfc.edu/catalogue/programs/english/)

Interdisciplinary Studies (p. 73)

Honors (p. 86)

Liberal Arts (p. 88)

Philosophy and Religious Studies (p. 114)

Professional Studies (p. 119)

Women’s and Gender Studies (p. 135)

Division of Business, Accounting, and Technology

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 Business, Accounting, and Technology is responsible for developing and offering business-related and professional courses.

Accounting and Business Law (p. 32)

Management and Information Technology (p. 93)

Mathematics (p. 105)

Division of Science, Health Science, and Nursing

Consistent with the mission, goals, and objectives of St. Francis College, the division of Sciences, Health Science and Nursing 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.

Biology (p. 40)

Chemistry and Physics (p. 43)

Health Science and Leadership (p. 80)

Nursing (p. 108)

Pre-Health Professions Programs (p. 118)

Division of Human Science, Sociocultural Studies, and Social Justice

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.

Economics, History, Political Science and Social Studies (p. 46)

Psychology (p. 121)

Sociology and Criminal Justice (p. 129)

Accounting and Business Law

Phone: 718.489.5301

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.

Program Student Learning Outcomes:

Accounting (Non- C.P.A. Track), 130-Hour

- PLO 1: Demonstrate the ability to prepare, interpret, and analyze financial statements in accordance with generally accepted accounting principles (GAAP), auditing standards, and other appropriate professional pronouncements of the accounting profession.
- PLO 2: Conduct themselves in an appropriate ethical manner with honesty and integrity in their professional endeavors by demonstrating professional conduct and demeanor in business settings.
- PLO 3: Communicate accounting information effectively to a professional audience consisting of business clients, investors, regulatory authorities.
- PLO 4: Apply their knowledge of the design and application of information technology to identify the risks and benefits associated with this technology.
- PLO 5: Think critically and develop a systemic and rational approach in their decision-making skills to successfully handle challenges that arise in the business arena.
- PLO 6: Perform tasks in a team-oriented environment and work with others to achieve a common goal.

Accounting (B.S./M.S.)

Program Student Learning Outcomes: B.S. Track

- PLO 1: Demonstrate the ability to prepare, interpret, and analyze financial statements in accordance with generally accepted accounting principles (GAAP), auditing standards, and other appropriate professional pronouncements of the accounting profession.
- PLO 2: Conduct themselves in an appropriate ethical manner with honesty and integrity in their professional endeavors by demonstrating professional conduct and demeanor in business settings.
- PLO 3: Communicate accounting information effectively to a professional audience consisting of business clients, investors, regulatory authorities.
- PLO 4: Apply their knowledge of the design and application of information technology to identify the risks and benefits associated with this technology.
- PLO 5: Think critically and develop a systemic and rational approach in their decision-making skills to successfully handle challenges that arise in the business arena.
- PLO 6: Perform tasks in a team-oriented environment and work with others to achieve a common goal.
- PLO 7: Demonstrate specific knowledge in areas of Accounting tested on the CPA exam.

Program Student Learning Outcomes: M.S. track

- PLO 1: Interpret, analyze, and classify relevant accounting information and communicate financial results in a clear and unequivocal form.
- PLO 2: Research various accounting issues utilizing the Financial Accounting Standards Board Codification database and online sources of data.
- PLO 3: Recognize and grasp the meanings of various accounting principles and theories and apply the use of this learned material to new situations.
- PLO 4: Identify the key principles in the fields of Economics and Finance and how they underpin the development of the financial accounting framework.
- PLO 5: Understand the issues that pertain to professional and business ethics and what constitutes ethical behavior.

Accountancy (M.S.)

- PLO 1: Demonstrate their advanced knowledge in a range of areas such as financial accounting, managerial accounting, governmental accounting, auditing, and taxation. The breadth and depth of study in these areas will serve as the basis for graduates of this program to prepare for the CPA examination.
- PLO 2: Utilize critical thinking skills to make effective decisions in the business environment. Graduates of this program will be able to analyze the financial reporting processes of a firm and make suggestions for improvement.
- PLO 3: Communicate accounting information effectively in a clear and unequivocal manner to a professional audience consisting of business clients, investors, regulatory authorities.
- PLO 4: Conduct themselves in an appropriate ethical manner with honesty and integrity in their professional endeavors by demonstrating professional conduct and demeanor in business settings.
- PLO 5: Perform tasks in a team-oriented environment and work with others to achieve a common goal.

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 C.P.A. Certification

New York State requires that individuals who apply for licensure in public accountancy must complete 150 credit hours in a registered program. Accounting majors at St. Francis who seek to obtain the CPA credential can pursue the 151 credit combined BS/MS program (if acceptance criteria are met). This program fulfills the course of study required by the New York State Department of Education and the New York State Board of Accountancy. Students must qualify for entry into the BS/MS 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 six specific accounting courses. Students not meeting this requirement may be given reconsideration if a satisfactory score is achieved on the Graduate Management Admission Test (GMAT). Additionally, students in the B.S./M.S. program are required to maintain a 3.0 cumulative grade point average in their graduate courses.

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.

Programs

- Accounting (C.P.A. Track), Combined BS/MS (p. 34)
- Accounting (Non-C.P.A. Track), 130-Hour B.S. (p. 35)
- Corporate Accounting Minor (p. 36)
- Professional Accountancy, MS (p. 37)

Faculty

Chairperson

Dr. Louis D'Elia

Assistant Professors

D'Elia
Ilyasova

Lecturers

Batelman
DiMeglio
Lombardo

Professor Emeritus

Diamond
Nogara
Horlick
Yellin

Adjuncts

Allison-Gray
Celano
Mills
Pryor

Accounting (C.P.A. Track), Combined BS/MS

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra (Or higher)	
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2
HS-1001	Health Issues	
Religion and Cultu re (RS)		3
Accounting Major		
ACC-1101	Elementary Accounting I	4
ACC-1102	Elementary Accounting II	4
ACC-2101	Intermediate Accounting I	4
ACC-2102	Intermediate Accounting II	4
ACC-2201	Accounting Information Systems	3
ACC-3301	Cost Accounting	3
ACC-4101	Advanced Accounting Problems	3
ACC-4401	Auditing Principles	3
ACC-4501	Taxation for Individuals	3
BL-2101	Business Law I	3
BL-2102	Business Law II	3
BUS-1001	Organization and Management	3
ECO-2306	Money and Banking	3
ECO-3331/ FIN-3301	Principles of Finance	3
MAT-1109	Mathematics for Managerial Science I	3
MKT-2201	Introduction to Marketing	3
BAN-3301	Descriptive Analytics and Visualization	3
WRI-2250	Business Communications	3
Liberal Arts (p. 15) [1]		9
General electives		6
Graduate Courses [2]		
ACC-6202	Advanced Accounting Information Systems [3]	3
ACC-6402	Advanced Auditing [3]	4
ACC-6502	Taxation for Business Organizations [3]	4
ACC-7998	Graduate Seminar in Accounting [3]	4
BUS-7999	Business Policies Capstone [3]	3
ECO-6411	Economic Theory and Analysis [3]	3
FIN-6501	Advanced Finance [3]	3
PHI-7342	Business Ethics	3
BAN-6308	Business Analytics	3
Total Hours		**151-156**

The successful completion of ACC-7998 Graduate Seminar in Accounting satisfies the College's Comprehensive Examination/Thesis requirement.

1. 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 here (p. 15).
2. A cumulative graduate G.P.A. of 3.0 is required.
3. This is a graduate course. Students must be admitted to the graduate division before taking this course.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Accounting (Non-C.P.A. Track), 130-Hour B.S.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra (Or higher)	
Information Literacy, Media and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2
HS-1001	Health Issues	
Religion and Culture (RS)		3
Accounting Major		
ACC-1101	Elementary Accounting I	4
ACC-1102	Elementary Accounting II	4
ACC-2101	Intermediate Accounting I	4
ACC-2102	Intermediate Accounting II	4
ACC-2201	Accounting Information Systems	3
ACC-3301	Cost Accounting	3
ACC-4101	Advanced Accounting Problems	3
ACC-4401	Auditing Principles	3
ACC-4501	Taxation for Individuals [1]	3
ACC-4998	Senior Seminar in Accounting	3
BL-2101	Business Law I	3
BL-2102	Business Law II	3
BUS-1001	Organization and Management	3
BUS-4998	Capstone Business Policies	3
ECO-2306	Money and Banking	3
ECO-3331/ FIN-3301	Principles of Finance	3
MAT-1109	Mathematics for Managerial Science I	3
MKT-2201	Introduction to Marketing	3
BAN-3301	Descriptive Analytics and Visualization	3
BAN-3308	Data Analytics for Business	3
WRI-2250	Business Communications	3
Liberal Arts (p. 15) [2]		12
General electives		3
Total Hours		**130-135**

[1] The successful completion of ACC-4998 Senior Seminar in Accounting 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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Corporate Accounting Minor

Requirements

Required Courses and Credits for Liberal Arts Majors

Code	Title	Hours
ACC-1101	Elementary Accounting I	4
ACC-1102	Elementary Accounting II	4
ACC-2201	Accounting Information Systems	3
ACC-4501	Taxation for Individuals	3
IT-1001	Computer Tools	3
Total Hours		**17**

Required Courses and Credits for Management Majors

Code	Title	Hours
ACC-1101	Elementary Accounting I	4
ACC-1102	Elementary Accounting II	4
ACC-2201	Accounting Information Systems	3
ACC-4401	Auditing Principles	3
ACC-4501	Taxation for Individuals	3
IT-1001	Computer Tools	3
Total Hours		**20**

Professional Accountancy, MS

Requirements

Code	Title	Hours
ACC-6101	Accounting Theory and Reporting I	4
ACC-6102	Accounting Theory and Reporting II	5
ACC-6301	Managerial Accounting	3
ACC-6401	Auditing and Assurance Services	3
ACC-6501	Individual Taxation	3
ACC-7101	Special Topics in Accounting	3
ACC-7998	Graduate Seminar in Accounting	4
PHI-7342	Business Ethics	3
Select two of the following courses:		6-8
ACC-6201	Acc Information Technology & Design	
ACC-6202	Advanced Accounting Information Systems	
ACC-6402	Advanced Auditing	
ACC-6502	Taxation for Business Organizations	
Total Hours		**34-36**

American Studies

Phone: 718.489.5235

Minor 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.

St. Francis College is an extremely diverse community in one of the most lively and diverse cities in the United States. 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 in 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 a variety of historical, artistic, literary, social, political and philosophical 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.*

Programs

- American Studies Minor (p. 39)

American Studies Minor

Requirements

Code	Title	Hours
AMS-1001	American Culture and Conflict	3
AMS 4998 American Studies Capstone		3
Select three of the following courses		9
BIO-5101	History of Medicine in America	
BIO-5403	Special Topics in Biology: Honoring the Parks	
BUS-2003	Changes in Corporate Culture & Your Career	
COM-3150	Popular Music	
COM-5010	Movie Vision: Fiction and Film in American Cinema (Honors)	
ECO-5402	New York, New York: From the Great Depression to the Current Downturn	
FA-1404	American Music	
FA-1420	American Art	
FA-2408	Commemorative Practices in the United States	
FA-2409	Art of Social Change in the US United States	
FA-2410	Art in New York City United States	
FA-5417	Blues, Jazz, and the Harlem Renaissance	
HIS-2201	New York on Location: Walking Tours in The City	
HIS-2314	Topics in Public History	
HIS-3196	Interpreting the 1960s	
HIS-3456	American Cultural History - Colonial Era To Present	
HIS-3501	The Atlantic World	
HIS-5401	Seminar: Amsterdam and New Amsterdam	
HIS-5410	Race and Place in Brooklyn History	
HIS-5420	New York City American Urban Experience	
LWP-2000	Walt Whitman's America	
LWP-2150	Constructing Gender in American Literature & Culture	
LWP-2555	America in the 1940S	
LWP-3130	Crime, Justice, and American Fiction	
LWP-5402	American Nobel Laureates	
LWP-5406	Blues, Jazz, and the Harlem Renaissance	
PHI-2212	Latin American Philosophy	
PHI-2310	American Philosophy	
REL-2113	The Story of American Evangelicalism	
REL-5357	Brooklyn Jews	
SOC-2045	Immigrant to New York	
SOC-3196	Interpreting the 1960s	
SPA-5401	Latino Culture and Literature	
SOC-3130	Crime, Justice, and American Fiction	
Total Hours		**15**

Biology

Phone: 718.489.5357

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.

Program Student Learning Outcomes:

PLO 1: Design and perform experiments that demonstrate the scientific method, incorporate vocabulary and college and analyze data, and write a cogent lab report.

PLO 2: Make oral presentations that demonstrate the scientific method.

PLO 3: Demonstrate connections among population biology, ecology and evolution, molecular and cellular biology and organismal biology, and among biology, chemistry and physics.

PLO 4: Make qualitative and quantitative assessments of their own data as well as that in scientific literature.

PLO 5: 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. Students also make ethical connections in their studies. 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 Computer Tools 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 General Biology 1-BIO-1202 General Biology 2; BIO-2250 Introduction to Cell Biology, recommended in the semester following the completion of BIO-1202 General Biology 2; BIO-3303 Genetics; BIO-4998 Biology Seminar (must be taken senior year); and CHE-3001 Biochemistry, which must be taken junior year. Students interested in going on to medical school are encouraged to take MAT-2203 Calculus II. Students must choose at least one course listed under each of the three areas of concentration for their advanced biology classes.

Programs

- Biology Minor (p. 43)
- Biology, B.S. (p. 41)

Faculty

Chairperson

Dr. Maria Frias

Professors

Burdowski
Nolan

Assistant Professor
Herstoff
Kita
Serrano de Sousa Frias

Director of Laboratory
Kovenat

Adjuncts
Batch
Busic
Cheng
Ellington
Gooden
Gouboth
Gunawardena
Hanson
Kuruvilla
Muir
Riaz
Rivera
Samms
Shashidhara
Wang
Ying

Biology, B.S.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		10
CHE-1201	General Chemistry I	
CHE-1201L	General Chemistry I Lab	
CHE-1202	General Chemistry II	
CHE-1202L	General Chemistry II Lab	
Ethics, Reality, and Logic (PEM)		6
Individuals and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Biology Major		
BIO-1201	General Biology 1	3
BIO-1201L	General Biology 1 Laboratory	2
BIO-1202	General Biology 2	3
BIO-1202L	General Biology 2 Laboratory	2
BIO-2250	Introduction to Cell Biology	3
BIO-2250L	Introduction to Cell Biology Laboratory	1
BIO-3303	Genetics	3
BIO-3303L	Genetics Laboratory	1
BIO-4998	Biology Seminar	1
BIO Distribution, select one course in each group [1]		14-16
Select one course from Group A below		
Select one course from Group B below		
Select one course from Group C below		
Select one BIO course 2000 or higher		
CHE-2101	Organic Chemistry I	4
CHE-2101L	Organic Chemistry I Laboratory	1
CHE-2102	Organic Chemistry II	4
CHE-2102L	Organic Chemistry II Laboratory	1
CHE-3001	Biochemistry	3
CHE-3001L	Biochemistry Laboratory	1
MAT-2202	Calculus I	4
Select one of the following courses:		3-4
MAT-2203	Calculus II	
MAT-2301	Statistics	
PHY-2001	General Physics I	3
PHY-2001L	General Physics I Laboratory	1
PHY-2002	General Physics II	3
PHY-2002L	General Physics II Laboratory	1
General Electives [2]		13
Total Hours		**127-132**

The successful completion of BIO-4998 Biology Seminar 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

Code	Title	Hours
Select one of the following courses:		4
BIO-2203	Invertebrate Zoology	
BIO-2204	Ecology	
BIO-2280	Evolution	
BIO-3302	Botany	
BIO-4005	Topic: Parasitology	
Total Hours		**4**

Group B—Molecular and Cellular Biology

Code	Title	Hours
Select one of the following courses:		4
BIO-2206	Histology	
BIO-3310	Advanced Cell Biology	
BIO-3320	Molecular Biology	
BIO-4405	Immunology	
BIO-4480	Bioinformatics	
Total Hours		**4**

Group C—Organismal Biology

Code	Title	Hours
Select one of the following courses:		3-4
BIO-2202	Comparative Anatomy	
BIO-2210	Developmental Biology	
BIO-3300	Microbiology	
BIO-3350	Physiology	
BIO-4409	Neurobiology	
BIO-4420	Virology	
BIO-4403	Endocrinology	
BIO-4450	Pharmacology	
Total Hours		**3-4**

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Biology Minor

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

Requirements

Code	Title	Hours
BIO-1201	General Biology 1	3
BIO-1201L	General Biology 1 Laboratory	2
BIO-1202	General Biology 2	3
BIO-1202L	General Biology 2 Laboratory	2
BIO-2250	Introduction to Cell Biology	3
BIO-2250L	Introduction to Cell Biology Laboratory	1
Select two BIO courses		6-8
CHE-1201	General Chemistry I	4
CHE-1201L	General Chemistry I Lab	1
CHE-1202	General Chemistry II	4
CHE-1202L	General Chemistry II Lab	1
Total Hours		**30-32**

Chemistry and Physics

Phone: 718.489.5453

Department Mission

Within the context of a liberal education, the department provides courses that expose students to the information, knowledge, and methods used in the physical sciences. 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.

Program Learning Objectives (PLO)

- PLO 1: Apply appropriate mathematical concepts to science.
- PLO 2: Explain the structure, properties, and reactions of chemicals and biomolecules.
- PLO 3: Apply appropriate safety principles when conducting scientific experiments.
- PLO 4: Evaluate orally and in written work scientific data obtained by experiment.
- PLO 5: Explain the various ways that science impacts our lives and the world around us.
- PLO 6: Explain different physical phenomena.

Programs

- Chemistry Minor (p. 45)
- Chemistry, BS (p. 44)

Faculty Chairperson

Dr. Gerard Davidson

Professor

Califano
Wolfe

Associate Professor

Davidson
Helburn

Lab Instructor

Chowdhury

Director of Laboratory

Kovenat

Adjuncts

Adebayo-Olojo
Bass
Busic
Chowdhury
Ghatak
Kahanda
Khajo
Nguyen
Telting-Diaz

Chemistry, BS

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. You will find Chemistry to be a challenging, yet rewarding, subject and we suggest that you maintain a GPA of 3.0 in your early major courses (e.g. 1201/1202).

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 and OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
BIO-1201	General Biology 1	
BIO-1202	General Biology 2	
Ethics, Reality, and Logic (PEM)		6
Individuals and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Chemistry Major		
CHE-1201	General Chemistry I	4
CHE-1201L	General Chemistry I Lab	1
CHE-1202	General Chemistry II	4
CHE-1202L	General Chemistry II Lab	1
CHE-2050	Analytical Chemistry	3
CHE-2050L	Analytical Chemistry Laboratory	1
CHE-2101	Organic Chemistry I	4
CHE-2101L	Organic Chemistry I Laboratory	1
CHE-2102	Organic Chemistry II	4
CHE-2102L	Organic Chemistry II Laboratory	1
CHE-2301	Inorganic Chemistry	3
CHE-2301L	Inorganic Chemistry Laboratory	1
CHE-3001	Biochemistry	3
CHE-3001L	Biochemistry Laboratory	1
CHE-4001	Physical Chemistry I	3
CHE-4001L	Physical Chemistry 1 Laboratory	1
CHE-4002	Physical Chemistry 2	3
CHE-4002L	Physical Chemistry 2 Laboratory	1
CHE-4050	Instrumental Methods of Analysis	3
CHE-4050L	Instrumental Methods of Analysis Laboratory	1
CHE-4998	Senior Project	3
MAT-2202	Calculus I	4
MAT-2203	Calculus II	4
PHY-2001	General Physics I	3
PHY-2001L	General Physics I Laboratory	1
PHY-2002	General Physics II	3
PHY-2002L	General Physics II Laboratory	1
General electives [1]		9
Total Hours		**120-126**

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

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Chemistry Minor

The minor in Chemistry provides non-chemistry majors with the opportunity to attain a stronger background in chemistry.

Requirements

Code	Title	Hours
CHE-1201	General Chemistry I	4
CHE-1201L	General Chemistry I Lab	1
CHE-1202	General Chemistry II	4
CHE-1202L	General Chemistry II Lab	1
CHE-2101	Organic Chemistry I	4
CHE-2101L	Organic Chemistry I Laboratory	1
CHE-2102	Organic Chemistry II	4
CHE-2102L	Organic Chemistry II Laboratory	1
One CHE course 2000 level or higher		3
Total Hours		**23**

Economics, History, and Political Science

Phone: 718.489.3437

The programs offered by the department of Economics, History, and Political Science 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 provides students with a versatile education that opens the door to a wide range of careers. Economics majors develop a broad set of practical and theoretical skills to understand and critically analyze economic problems, giving students the flexibility they need to advance in today's rapidly changing global economy. In addition to expanding their skills in critical and quantitative thinking, research methods, writing, and presentation, students can choose a more specialized concentration in finance, international economics, or public policy. Graduates are prepared to pursue careers in business, finance, government institutions, and graduate studies in the social sciences, including economics, and other disciplines such as business management, law, and public administration.

Program Student Learning Outcomes: Economics (B.A.)

- PLO 1: Demonstrate knowledge of essential principles of macroeconomics and their application to real-world situations, including key economic indicators, the functioning of monetary and fiscal policy, business cycles, the causes of inflation, the role of money and the functioning of the financial system, the concept of exchange rates and international trade, and the essential theories in Macroeconomics thinking, especially Keynesian theory.
- PLO 2: Demonstrate knowledge of essential principles of microeconomics and their application to the real-world situations, including supply and demand, elasticity, externalities, market structures, and market failures.
- PLO 3: Identify, access, and use the most important economic databases, gather and analyze economic data.
- PLO 4: Understand and correctly use graphs, spreadsheets, specialized software, and other data analytical methods and tools.
- PLO 5: Understand, contrast, and critically analyze different theoretical perspectives in both the history of economic thought and current economic policy debates.
- PLO 6: Demonstrate general skills in critical thinking, well-developed verbal and writing skills to articulate arguments.

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.

Program Student Learning Outcomes: History (B.A.)

- PLO 1: Show an understanding of causation, context, continuity, and change in the study of the past.
- PLO 2: Analyze contemporary problems and civic affairs through the lens of history.
- PLO 3: 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.
- PLO 4: Evaluate various historians' arguments on key topics and have the ability to compare them.
- PLO 5: Demonstrate a familiarity with the history of the United States, Europe, and at least one other region of the world.
- PLO 6: Complete an original history research project utilizing both primary and secondary sources.
- PLO 7: 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 teaches students government and politics, as well as the actors, processes and institutions involved in making collective decisions for societies. The major helps students to acquire a specialized knowledge of politics as presented in four subfields of political science (American government, comparative government, international relations and political theory) and introduces students to theoretical frameworks, concepts and methods of inquiry to understand and explain politics. In addition, the major offers opportunities for students to work on their general skills like analytical and critical thinking, writing, presentation, and research. With the specific knowledge basis and skill set that it helps students to acquire, the major prepares students for an active and informed citizenship, and for various meaningful and fulfilling career choices in the areas of government, private business, non-governmental organizations, international organizations, academic studies and professional education (e.g., legal studies and public administration).

Program Student Learning Outcomes: Political Science (B.A.)

- PLO 1: Compare how politics is organized and governments operate in different contexts.
- PLO 2: Evaluate fundamental ethical and moral values when interpreting political discourses and analyzing political orders.
- PLO 3: Explain political events and phenomena using the established theories and concepts of political science.
- PLO 4: Assemble interdisciplinary skill sets for a political science career.
- PLO5 (American Government Concentration): Describe the American political system and the functioning of the American government.
- PLO6 (Global Politics Concentration): Examine international politics and its economic, cultural, historical, and institutional contexts.

Programs

- Economics, B.A. — Concentration in Finance (p. 49)
- Economics, B.A. — Concentration in International Economics (p. 50)
- Economics, B.A.— Concentration in Public Policy (p. 51)
- Economics Minor (p. 56)
- Economics, BA (p. 48)
- History Minor (p. 56)
- History, BA (p. 52)
- Human Rights Minor (https://catalog.sfc.edu/catalogue/programs/economics-history-political-science-social-studies/human-rights-minor/)
- Political Science Minor (p. 56)
- Political Science, BA (p. 54)
- Political Science, B.A. - Concentration in American Government (https://catalog.sfc.edu/catalogue/programs/economics-history-political-science-social-studies/political-science-ba-concentration-american-government/)
- Political Science, B.A. - Concentration in Global Politics (https://catalog.sfc.edu/catalogue/programs/economics-history-political-science-social-studies/political-science-ba-concentration-global-politics/)

Faculty

Chairperson

Dr. Eric Platt

Professor Emeritus

Quick

Sorrentino

Sparr

Professor

Huato

Rzeszutek

Associate Professor

Bullio Mattos

Camyar

Houlihan

Platt

Assistant Professor

Alemdar

Hofer

Adjuncts

Adegbulu

Charles

Duffy

Elias

Garcia

Koritz

Lamoureux

Mayers

Payne

Rhoeheit

Ryan

Tesho

Williams

Economics, BA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra (or higher)	
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
HIS-1201	US History 1896 to Present	
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Economics Major		
ECO-2222	Mathematics for Economics and Finance	3
ECO-2306	Money and Banking	3
ECO-3313	Introduction to Econometrics	3
ECO-4406	Development of Economic Thought	3
ECO-4998	Seminar in Economics [1]	3
Select three non-cross listed ECO courses		9
Select three additional ECO courses		9
Select one of the following four groups:		6-8
Group A—Select two ACC courses in sequence [2]		
Group B—Select two IT courses in sequence		
Group C—Select two MGT courses in sequence		
Group D—Select both of the following courses		
GLS-1240	Peoples/Cultures of Contemp Asia/Africa World I	
GLS-1241	Peoples and Cultures of the Contemporary World II	
Select an additional HIS elective course		3
Select any two PSC, SOC/CJ or foreign language courses in seqence		6
MAT-2301	Statistics	3
PSC-2502	Government and Business	3
Liberal Arts (p. 15) [3]		12
General Electives		9
Total Hours		**123-131**

1. The successful completion of ECO-4998 Seminar in Economics satisfies the College's Comprehensive Examination/Thesis requirement
2. Students who elect Accounting courses (ACC) will have fewer free electives.
3. Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. See here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Economics, B.A. — Concentration in Finance

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra (or higher)	
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
HIS-1201	US History 1896 to Present	
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Economics Major		
ECO-2222	Mathematics for Economics and Finance	3
ECO-2306	Money and Banking	3
ECO-3313	Introduction to Econometrics	3
ECO-3331/ FIN-3301	Principles of Finance	3
Select two of the following courses:		6
ECO-3306	Trckng the Economy & US Monetary Policy	
ECO-3332/ FIN-3302	Managerial Finance	
ECO-3333/ FIN-3312	Investment Analysis	
ECO/FIN-3334	Public Finance	
ECO-4433/ FIN-4412	Portfolio Management	
ECO-4406	Development of Economic Thought	3
ECO-4998	Seminar in Economics [1]	3
Select three non-cross listed ECO courses		9
Select an additional HIS elective course		3
MAT-2301	Statistics	3
PSC-2502	Government and Business	3
Liberal Arts (p. 15) [2]		27
General Electives		6
Total Hours		**123-129**

[1] The successful completion of ECO-4998 Seminar in Economics satisfies the College's Comprehensive Examination/Thesis requirement

[2] Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. See (p. 15) here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Economics, B.A. — Concentration in International Economics

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra (or higher)	
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
HIS-1201	US History 1896 to Present	
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Economics Major		
ECO-2222	Mathematics for Economics and Finance	3
ECO-2306	Money and Banking	3
ECO-3304	Political Economy of Development	3
ECO-3305	European Economies	3
ECO-3313	Introduction to Econometrics	3
ECO-3403	International Economics, Trade, and Finance	3
ECO-4406	Development of Economic Thought	3
ECO-4998	Seminar in Economics [1]	3
Select three non-cross listed ECO courses		9
Select an additional HIS elective course (choose courses relating to countries other than the U.S.)		3
GLS-1240	Peoples/Cultures of Contemp Asia/Africa World I	3
GLS-1241	Peoples and Cultures of the Contemporary World II	3
MAT-2301	Statistics	3
PSC-2502	Government and Business	3
Liberal Arts (p. 15) [2]		21
General Electives		6
Total Hours		**123-129**

[1] The successful completion of ECO-4998 Seminar in Economics satisfies the College's Comprehensive Examination/Thesis requirement

[2] Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Economics, B.A. — Concentration in Public Policy

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra (or higher)	
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
HIS-1201	US History 1896 to Present	
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Economics Major		
BUS-1001	Organization and Management	3
Select one of the following courses:		3-4
ACC-1001	Introduction to Accounting	
ACC-1101	Elementary Accounting I	
BL-2101	Business Law I	3
ECO-2222	Mathematics for Economics and Finance	3
ECO-2306	Money and Banking	3
ECO-3331/ FIN-3301	Principles of Finance	3
ECO-3334	Public Finance	3
or FIN-3334	Public Finance	
Selct two of the following courses:		6
ECO-3307	Environmental Economics	
ECO-3308	Urban Economics	
ECO-3309	Labor Economics	
ECO-3310	Health Economics	
ECO-3340	Gender and the Economy	
ECO-3313	Introduction to Econometrics	3
ECO-4406	Development of Economic Thought	3
ECO-4998	Seminar in Economics [1]	3
Select two ECO courses		6
PSC-1100	American National Government	3
PSC-2502	Government and Business	3
Select one of the following courses:		3
PSC-2402	Metropolitan Government and Politics	
PSC-2408	State and Local Government	
Liberal Arts (p. 15) [2]		15
General Electives		6
Total Hours		**120-127**

[1] The successful completion of ECO-4998 Seminar in Economics satisfies the College's Comprehensive Examination/Thesis requirement.

[2] Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

History, BA

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.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
History Major		
Select one Humanities course 2000 level or higher		3
Select any six credit combination of the following:		6
Foreign language courses in sequence		
Information Technology (IT) courses in sequence [1]		
HIS-1201	US History 1896 to Present	3
HIS-1302	Survey of World History Since 1500	3
Select five 2000 level HIS courses (At least one course from each geographic category: Europe, Global, United States)		15
Global		
HIS 2101-2199 Lecture Series		
HIS-2202	Ancient History	
HIS-2303	World in the 20th and 21st Century	
HIS-2310	Latin American History	
Europe		
HIS-2106	Balkans History	
HIS-2202	Ancient History	
HIS-2301	Medieval History	
HIS-2403	Modern European History: 1560-1763	
HIS-2404	Modern European History: The Long Nineteenth Century	
United States		
HIS-2201	New York on Location: Walking Tours in The City	
HIS-2401	US History Age of Discovery 1789	
HIS-2402	History of the United States 1789-1896	
Select five 3000 level HIS courses (At least one course from each geographic category: Europe, Global, United States)		15
Global		
HIS-3315	Women in the Twentieth 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 and Ethnicity in American Life	
HIS-3311	History of the African American	
HIS-3370	History of American Labor	
HIS-3407	Survey of United States Foreign Relations	
HIS-3456	American Cultural History - Colonial Era To Present	
HIS-3480	New York City in the American Urban Experience.	
HIS-3490	Famous Trials: Landmark Legal Cases In American History	
HIS-3998	Historical Methods and Historiography	3
HIS-4998	Historical Seminar [2]	3
ECO-1201	Principles of Macroeconomics	3
PSC-1100	American National Government	3
Liberal Arts (p. 15) [3]		9
General Elective		9
Total Hours		**123-129**

1 in addition to IT-1001 Computer Tools Computer Tools

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

3 Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year

at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we “educate the whole person for a full, relational life.” This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Political Science, B.A.

Political Science prepares students to critically analyze the collective problems of society on the local, national, and international levels. Through study of the major fields of the discipline—international relations, comparative politics, American government and political theory—the student develops an understanding of contemporary issues while developing a skill set 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, economic policy and health care policy.

Political Science graduates pursue a variety of careers in both the public and private sectors such as 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. Additionally, the variety of courses in international politics and politics of different regions help students to develop global competence and prepares them for internationally oriented career choices. Successful completion of a senior thesis is a requirement for graduation.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
IT-1001	Computer Tools	
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
HIS-1201	US History 1896 to Present	
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Foreign Language, IT or Data/Quantitative		
Select ONE of the following groups		3
ONE 1000 Level FRE, SPA, or ITA course (1101 or 1102)		
One 1000 Level IT course (IT 1102, 1103, 1105 or 1106)		
One 1000 Level Quantitative Course (MAT 1101, 1103, 1104 or 1105)		
History Elective Group		
Select ONE course from the following		3
HIS-1101	Survey of Western Civilization to 1500	
HIS/PSC-1200	Understanding the Human Rights	
HIS-1302	Survey of World History Since 1500	
Social Sciences Elective Group		
Select ONE of the following courses		3
CJ-1020	Introduction to Criminal Justice	
PSY-1000	Foundation in Information Literacy & Research	
SOC-1000	Principles of Sociology	
PSC-1000	Introduction to Political Science	3
PSC-1100	American National Government	3
PSC-2000	Comparative Government	3
PSC-2100	International Relations	3
PSC-2200	Public Policy	3
American Institution Elective Group		
Select ONE course from the following		3
PSC-3101	United States Congress	
PSC-3102	The American Presidency	
PSC-3103	Law and American Judicial Process	
Regional/Global Elective Group		
Select ONE course from the following		3
PSC-3001	Politics of Latin America	
PSC-3002	Politics of Africa	
PSC-3003	Politics of Asia	
PSC-3004	Politics of the Middle East	
PSC-3005	The United Nations	
ONE PSC 3000-3100 Course		
PSC-3997	Political Science Research Methods	3
PSC-4998	Political Science Seminar	3
Select SEVEN courses from the following		21
Political Science Electives		
PSC/HIS-1200	Understanding the Human Rights	
PSC-2401	Brazil: Economy, Politics and Business	
PSC-2402	Metropolitan Government and Politics	
PSC-2403	Campaigns and Electoral Behavior	
PSC-2203	International Human Rights & Humanitarian Law	
PSC-2501	Women and Politics	
PSC-2502	Government and Business	
PSC-3401	Constitutional Law I: Government Structures	
PSC-3402	Constitutional Law II: Civil Liberties	
PSC-3500	Political Theory	
PSC-3501	Political Themes in Media	
PSC-4990	Internship	
PSC-4995	Independent Study	
General Electives		**15**
Total Hours		**120-126**

[1] The successful completion of PSC-4998 Political Science Seminar satisfies the College's Comprehensive Examination/Thesis requirement

[2] Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. See specific academic subjects (p. 6).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and

empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Economics Minor

Requirements

Code	Title	Hours
ECO-1201	Principles of Macroeconomics	3
ECO-2202	Principles of Microeconomics	3
ECO-2306	Money and Banking	3
Select TWO ECO courses 3000 or higher [1]		6
Total Hours		**15**

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

History Minor

Code	Title	Hours
One HIS 1000-level course		3
Two HIS 2000-level courses		6
Two HIS 3000-level courses		6
Total Hours		**15**

Political Science Minor

Code	Title	Hours
PSC-1000	Introduction to Political Science	3
PSC-1100	American National Government	3
Select three PSC courses 2000 or higher		9
Total Hours		**15**

Education

Email: lpaolucci@sfc.edu

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), Students with Disabilities (Grades 1-6), Adolescent Education (grades 7-12), and Physical Education (grades N-12).

Department Mission

The mission of the Teacher Education Program at St. Francis College is to prepare candidates with the professional knowledge, skills, and dispositions necessary for effectively teaching in the inclusive classroom. Through an academically challenging curriculum, and in a welcoming and affirming environment, the department prepares its candidates to embrace an ethic of care and a culturally sustaining pedagogy in their instructional approach and practice. The program of study also reflects a deep commitment to the Franciscan ideals of collegiality, compassion, human dignity, and service to others.

Student Learning Outcomes

In preparing its teacher candidates for certification, the Teacher Education Program draws on the In TASC 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.

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.

Content Knowledge (INTASC 4, 5)

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 to ensure 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 curricular standards for college readiness and successful performance on state-mandated tests.

Instructional Practice (INTASC 6-8)

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.

Reflection, Professionalism & Ethical Practice (INTASC 9, 10)

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 ED-1201 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 using the link provided in the Canvas Education group. 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.

Programs

- Adolescent Education (Biology), BS (p. 60)
- Adolescent Education (Chemistry), BS (p. 61)
- Adolescent Education (English), BA (p. 62)
- Adolescent Education (Mathematics), BS (p. 63)
- Adolescent Education (Social Studies), BA (p. 64)
- Childhood Education (Biology), BS (p. 65)
- Childhood Education (English), BA (p. 66)
- Childhood Education (Mathematics), BS (p. 67)
- Childhood Education (Social Studies), BA (p. 68)
- Childhood Special Education (Grades 1-6), MS (https://catalog.sfc.edu/catalogue/programs/education/special-education-ms/)
- Educational Studies, BS (https://catalog.sfc.edu/catalogue/programs/education/educational-studies-bs/)
- Physical Education—Initial Certificate (Grades K-12), BS (p. 70)
- Post-Baccalaureate Certificate-Childhood Education (1-6), CTF (https://catalog.sfc.edu/catalogue/programs/education/post-bacc-certificate-childhood-education-ctf/)

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.

Faculty

Chairperson

Dr. Lisa Paolucci

Professors

Shaw

Assistant Professors

James
Lubin
Muturia
Navarrete

Paolucci

Williams

Adjuncts

Conlon

Gair
Haussermann

Adolescent Education (Biology), BS

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR)		3-4
MAT-1107	Algebra and Trigonometry for Science Majors	
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
CHE-1201	General Chemistry I	
CHE-1202	General Chemistry II	
Ethics, Reality, and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
AED-2200	Methods of Instruction in Secondary Education	3
AED-3320	Lit in the Content Area (grades 7-12) Instruction	3
AED-3600	Meth of Instruction in Secondary Biology	3
SED-2040	Introduction to Special Education	3
Select two foreign language courses in sequence		6
BIO-1107	Anatomy and Physiology I	4
BIO-1108	Anatomy and Physiology II	4
BIO-1201	General Biology 1	3
BIO-1201L	General Biology 1 Laboratory	2
BIO-1202	General Biology 2	3
BIO-1202L	General Biology 2 Laboratory	2
BIO-2204	Ecology	3
BIO-2204L	Ecology Laboratory	1
BIO-2250	Introduction to Cell Biology	3
BIO-2250L	Introduction to Cell Biology Laboratory	1
BIO-3303	Genetics	3
BIO-3303L	Genetics Laboratory	1
Select two of the following:		8
BIO-2202	Comparative Anatomy	
BIO-2203	Invertebrate Zoology	
BIO-3300	Microbiology	
BIO-3302	Botany	
BIO-4000	Special Topics in Biology: Marine Biology in Belize	
MAT-2301	Statistics	3
PSY-2201	Developmental Psychology I	3
Total Hours		**131-137**

[1] The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Adolescent Education (Chemistry), BS

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Culture (HCE)		6
Science at Work (NPW)		6-10
BIO-1201	General Biology 1	
BIO-1202	General Biology 2	
Ethics, Reality, and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
SED-2040	Introduction to Special Education	3
ED-2100	Assessment and Evaluation	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
AED-2200	Methods of Instruction in Secondary Education	3
AED-3320	Lit in the Content Area (grades 7-12) Instruction	3
AED-3650	Meth of Instruction: Secondary Chemistry	3
PSY-2201	Developmental Psychology I	3
Select two foreign language courses in sequence		6
CHE-1201	General Chemistry I	4
CHE-1201L	General Chemistry I Lab	1
CHE-1202	General Chemistry II	4
CHE-1202L	General Chemistry II Lab	1
CHE-2050	Analytical Chemistry	3
CHE-2050L	Analytical Chemistry Laboratory	1
CHE-2101	Organic Chemistry I	4
CHE-2101L	Organic Chemistry I Laboratory	1
CHE-2102	Organic Chemistry II	4
CHE-2102L	Organic Chemistry II Laboratory	1
CHE-3001	Biochemistry	3
CHE-3001L	Biochemistry Laboratory	1
CHE-4001	Physical Chemistry I	3
CHE-4001L	Physical Chemistry 1 Laboratory	1
PHY-2001	General Physics I	3
PHY-2001L	General Physics I Laboratory	1
PHY-2002	General Physics II	3
PHY-2002L	General Physics II Laboratory	1
Total Hours		**130-136**

[1] The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Adolescent Education (English), BA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 a& OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality, and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
HS-1001	Health Issues	
Religion and Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
PSY-2201	Developmental Psychology I	3
SED-2040	Introduction to Special Education	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
AED-2200	Methods of Instruction in Secondary Education	3
AED-3320	Lit in the Content Area (grades 7-12) Instruction	3
AED-3340	Meth of Instruction in Secondary English	3
Select two foreign language courses in sequence		2
Select one Mathematics course (except MAT-1101 Quantitative Reasoning)		3
Select four LWP courses 2000-2999		12
Select five LWP courses 3000 or higher		15
Any LWP seminar course 4000-4999		3
Liberal Arts (p. 15) [2]		9
Total Hours		**128-134**

[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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Adolescent Education (Mathematics), BS

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra	
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
CHE-1101	Chemistry and Life I	
PHY-1001	Physics and the Modern World	
Ethics, Reality, and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
PSY-2201	Developmental Psychology I	3
SED-2040	Introduction to Special Education	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
AED-2200	Methods of Instruction in Secondary Education	3
AED-3320	Lit in the Content Area (grades 7-12) Instruction	3
AED-3400	Methods of Instruction: Secondary Mathematics	3
Select two foreign language courses in sequence		6
MAT-1107	Algebra and Trigonometry for Science Majors	4
MAT-2202	Calculus I	4
MAT-2203	Calculus II	4
MAT-2301	Statistics	3
MAT-2309	College Geometry	3
MAT-3304	Calculus III	4
MAT-3312	Linear Algebra	4
MAT-3401	Differential Equations I	3
MAT-3406	Theory of Numbers	3
MAT-4403	Advanced Calculus I	4
MAT-4995	Independent Study in Mathematics	3
Total Hours		**129-135**

[1] The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Adolescent Education (Social Studies), BA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality, and Logic (PEM)		6
Individuals and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
HS-1001	Health Issues	
Religion and Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
PSY-2201	Developmental Psychology I	3
SED-2040	Introduction to Special Education	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
AED-2200	Methods of Instruction in Secondary Education	3
AED-3320	Lit in the Content Area (grades 7-12) Instruction	3
AED-3500	Meth of Instruct: Secondary Social Stud Studies	3
Select two foreign language courses in a sequence		6
Select one Mathematics course (except MAT-1101 Quantitative Reasoning)		3
HIS-1101	Survey of Western Civilization to 1500	3
HIS-2301	Medieval History	3
HIS-2401	US History Age of Discovery 1789	3
HIS-2402	History of the United States 1789-1896	3
HIS-3312	Renaissance and Reformation	3
Select one of the following courses		3
HIS-3307	Race and Ethnicity in American Life	
HIS-3311	History of the African American	
Select three of the following courses:		9
HIS-2303	World in the 20th and 21st Century	
PSC 2320-2323	Current Problems	
HIS-2310	Latin American History	
HIS-3501	The Atlantic World	
PSC-3317	Africa Government and Politics	
SOC-2040	Social Anthropology	
Select one of the following:		3
HIS-2201	New York on Location: Walking Tours in The City	
HIS-3480	New York City in the American Urban Experience.	
HIS-3490	Famous Trials: Landmark Legal Cases In American History	
PSC-1100	American National Government	3
Liberal Arts (p. 15) [2]		6
Total Hours		**132-138**

[1] The successful completion of ED-4990 Supervised Student Teaching 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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Childhood Education (Biology), BS

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR)		3-4
MAT-1107	Algebra and Trigonometry for Science Majors (Mathematics (QR1))	4
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
CHE-1101	Chemistry and Life I	
PHY-1001	Physics and the Modern World	
Ethics, Reality, and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
PSY-2201	Developmental Psychology I	3
SED-2040	Introduction to Special Education	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
CED-2200	Methods of Effective Teaching in the Inclusive Classroom (1-6)	3
CED-3000	Methods of Instruction in Science (grades 1-6)	3
CED-3200	Methods of Instruction in Mathematics (grades 1-6)	3
CED-3300	Methods of Instruction in Writing (grades 1-6)	3
CED-3700	Methods of Instruction in Social Studies And Geography (grades 1-6)	3
CED-4300	Methods of Instruction in Beginning Reading (grades 1-6)	3
Select two foreign language courses in sequence		6
BIO-1107	Anatomy and Physiology I	4
BIO-1108	Anatomy and Physiology II	4
BIO-1201	General Biology 1	3
BIO-1201L	General Biology 1 Laboratory	2
BIO-1202	General Biology 2	3
BIO-1202L	General Biology 2 Laboratory	2
BIO-2204	Ecology	3
BIO-2204L	Ecology Laboratory	1
Select two of the following:		8
BIO-2202	Comparative Anatomy	
BIO-2203	Invertebrate Zoology	
BIO-2250	Introduction to Cell Biology	
BIO-3302	Botany	
BIO-3303	Genetics	
MAT-2301	Statistics	3
Total Hours		**136-142**

[1] The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Childhood Education (English), BA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1104	Math for Liberal Arts	
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality, and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
HS-1001	Health Issues	
Religion and Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
PSY-2201	Developmental Psychology I	3
SED-2040	Introduction to Special Education	3
ED-2100	Assessment and Evaluation	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
CED-2200	Methods of Effective Teaching in the Inclusive Classroom (1-6)	3
CED-3000	Methods of Instruction in Science (grades 1-6)	3
CED-3200	Methods of Instruction in Mathematics (grades 1-6)	3
CED-3300	Methods of Instruction in Writing (grades 1-6)	3
CED-3700	Methods of Instruction in Social Studies And Geography (grades 1-6)	3
CED-4300	Methods of Instruction in Beginning Reading (grades 1-6)	3
Select two foreign language courses in sequence		6
Select five LWP courses 2000-2999		15
Select four LWP courses 3000 or higher		12
Select one LWP course 4000 Level		3
MAT-1103	Foundations of Mathematics	3
Total Hours		**132-138**

[1] The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Childhood Education (Mathematics), BS

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1104	Math for Liberal Arts	
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality, and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion & Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
PSY-2201	Developmental Psychology I	3
SED-2040	Introduction to Special Education	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
CED-2200	Methods of Effective Teaching in the Inclusive Classroom (1-6)	3
CED-3000	Methods of Instruction in Science (grades 1-6)	3
CED-3200	Methods of Instruction in Mathematics (grades 1-6)	3
CED-3300	Methods of Instruction in Writing (grades 1-6)	3
CED-3700	Methods of Instruction in Social Studies And Geography (grades 1-6)	3
CED-4300	Methods of Instruction in Beginning Reading (grades 1-6)	3
Select two foreign language courses in sequence		6
MAT-1103	Foundations of Mathematics	3
MAT-1105	College Algebra	4
MAT-1107	Algebra and Trigonometry for Science Majors	4
MAT-2202	Calculus I	4
MAT-2203	Calculus II	4
MAT-2301	Statistics	3
MAT-2309	College Geometry	3
MAT-3305	Calculus Workshop Using Technology	3
MAT-3312	Linear Algebra	4
Select one of the following courses		3
MAT-3311	Introduction to Set Theory	
MAT-3406	Theory of Numbers	
MAT-4995	Independent Study in Mathematics	
Total Hours		**134-140**

[1] The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Childhood Education (Social Studies), BA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematic (QR1)		3-4
MAT-1104	Math for Liberal Arts	
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality, and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ECO-2202	Principles of Microeconomics	
Our World, Past and Present (WHG)		6
HIS-1201	US History 1896 to Present	
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
ED-2100	Assessment and Evaluation	3
PSY-2201	Developmental Psychology I	3
SED-2040	Introduction to Special Education	3
ED-3000	Teaching With Technology	3
ED-4350	Literacy Instruction for English Language Learners	3
ED-4990	Supervised Student Teaching [1]	6
CED-2200	Methods of Effective Teaching in the Inclusive Classroom (1-6)	3
CED-3300	Methods of Instruction in Writing (grades 1-6)	3
CED-3200	Methods of Instruction in Mathematics (grades 1-6)	3
CED-3000	Methods of Instruction in Science (grades 1-6)	3
CED-3700	Methods of Instruction in Social Studies And Geography (grades 1-6)	3
CED-4300	Methods of Instruction in Beginning Reading (grades 1-6)	3
Select two foreign language courses in sequence		6
HIS 1102 Survey of Western Civilization (since 1500)		3
HIS-2301	Medieval History	3
HIS-2202	Ancient History	3
HIS-2401	US History Age of Discovery 1789	3
HIS-2402	History of the United States 1789-1896	3
HIS-3312	Renaissance and Reformation	3
Select one of the following courses:		3
HIS-3307	Race and Ethnicity in American Life	
HIS-3311	History of the African American	
Select two of the following courses:		6
HIS-2310	Latin American History	
HIS-2303	World in the 20th and 21st Century	
HIS-3501	The Atlantic World	
PSC 2320-2323 Current Problems		
PSC-3317	Africa Government and Politics	
SOC-2040	Social Anthropology	
Select one of the following courses:		3
HIS-2201	New York on Location: Walking Tours in The City	
HIS-3480	New York City in the American Urban Experience.	
HIS-3490	Famous Trials: Landmark Legal Cases In American History	
MAT-1103	Foundations of Mathematics	3
Total Hours		**132-138**

[1] The successful completion of ED-4990 Supervised Student Teaching satisfies the College's Comprehensive Examination/Thesis requirement.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet

the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Physical Education—Initial Certificate (Grades K-12), BS

Requirements

Code	Title	Hours
General Education Program		
Writing (WR)		3
MAT-1104	Math for Liberal Arts	
Quantitative Literacy (QR)		3-4
Oral Communications (OC)		3
Fitness/Health (FH)		2-3
HS-1001	Health Issues	
Information, Technology & Media Literacy (ITML)		3
Religious Studies (RS)		3
Freshman Seminar (FS)		1
Humanistic & Creative Expression (HCE)		6
Natural & Physical World (NPW)		6-10
BIO-1107	Anatomy and Physiology I	
BIO-1108	Anatomy and Physiology II	
Philosophical, Ethical & Moral Dimensions (PEM)		6
Environment & Human Experience (SEH)		6
World Heritage & Global Perspectives (WHG)		6
Physical Education Major		
ED-1201	Foundations of Education	3
ED-2020	Educational Psychology	3
Select one of the following courses:		3
AED-2200	Methods of Instruction in Secondary Education	
CED-2200	Methods of Effective Teaching in the Inclusive Classroom (1-6)	
ED-3000	Teaching With Technology	3
Select three of the following courses:		6
PE-1101	Teaching Soccer/Volleyball	
PE-1102	Skills Activities II: Basketball, Baseball, Softball	
PE-1106	Floor Hockey	
PE-1107	Skills Activities: Track & Field	
Select one of the following courses:		2
FIT-1121	Beginning Swimming	
FIT-1123	Fitness Swimming	
PE-2202	History and Principles of Physical Education	2
PE-2208	Kinesiology	3
PE-3100	Evaluation of Physical Education	2
PE-3200	Biomechanics	2
PE-3304	Organization and Administration of Physical Education	2
PE-3305	Physiology of Exercise	3
PE-3308	Motor Learning	3
PE-3322	Introduction to Legal Issues	3
PE-4300	Curriculum and Methods of Instruction in PE, K-12	3
PE-4302	Physical Education for Students With Special Needs	3
PE-4616	Psychology of Sport	3
PE-4990	Supervised Student Teaching [1]	6
PSY-2201	Developmental Psychology I	3
Select two foreign language courses in sequence		6
HS-1206	Safety and First Aid	3
HS-1207	Nutrition	3
Liberal Arts (p. 15) [2]		3
Total Hours		**121-127**

[1] The successful completion of ED-4990 Supervised Student Teaching or PE-4990 Supervised Student Teaching 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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Environmental Studies

Phone: 718.489.5347 or 718.489.5439

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.

Programs

- Environmental Studies Minor (p. 72)

Faculty

Program Director

Dr. Jennifer Wingate

Environmental Studies Minor

Requirements

Code	Title	Hours
BIO-1000	Ecology and the Environment	3
or SCI-1301	Environmental Science	
Select two of the following courses:		6
BUS-1204	Business and Society	
BUS-5401	Contemporary Business Issues: Sustainable Development	
ECO-3307	Environmental Economics	
PHI-3344	The Environment: Philosophical and Ethical Perspectives	
REL-5309	Environmental Crisis & the World's Religions	
Select two of the following courses:		6
BIO-1102/4000/S5p4e0c1ial Topics in Biology and Psychology Marine Biology in Belize		
BIO-2204	Ecology	
CHE-1000	Chemistry in Society	
CHE-1101	Chemistry and Life I	
CHE-5001	Honors Seminar: Understanding Our Environment	
ECO-2303	Economic Issues Today	
Total Hours		**15**

Interdisciplinary Studies

Phone: 718.489.5440

Department Mission

The mission of the Interdisciplinary Studies (IDS) department is to provide a structured program within which students#create their own education pathways.#By approaching topics like#sustainability, migration,#globalization, and gender from the perspectives of disciplines such as biology, business management, literature, foreign languages, digital humanities, philosophy, economics, political science, and communications, students build skills and develop a critical mindset to comprehend and solve multifaceted real-world problems. The department, which places an emphasis on a customizable educational program, includes majors in Interdisciplinary Studies (IDS), Global Studies (GLS), Spanish, and Professional Studies. The IDS department includes minors in Music, Fine Arts, Spanish, Italian, and French.

Major in Interdisciplinary Studies (IDS)

The IDS major#exposes#students#to#interdisciplinary perspectives on national and global issues, fosters fluency in methodologies from across the College's four divisions, and develops the writing, communication, research, and technical skills necessary to accomplish the goals of each student's program. IDS builds a multidisciplinary foundation for analysis, critique, policy formation, and public service that prepares graduates for a variety of careers in politics, law, business, education, social work, health care, urban policy, media, and cultural work.

Program Student Learning Outcomes: Interdisciplinary Studies (B.A.)

- PLO 1: Apply the methodologies of multiple disciplines to the research & analysis of topics that defy traditional disciplinary boundaries.
- PLO 2: Engage in intersectional thinking to identify connections between environmental concerns, gender, race, class and nationality.
- PLO 3: Use the city as a platform for identifying researching & analyzing complex inter-, intra-, and cross-disciplinary topics of historical & contemporary significances.

American Studies Track:

- PLO 4: Describe key concepts central to American culture
- PLO 5: Engage in critical thinking, discussion, & writing about the contested nature of those key concepts: freedom, democracy individualism, equality, opportunity & identity.

Environmental Studies Track:

- PLO 4: Describe the basic concepts in ecology and population dynamics
- PLO 5: Articulate the connections and relationships between ecological concepts, population dynamics & resources, pollution, and climate change.

Women's & Gender Studies Track:

- PLO 4: Describe the historical struggles of women and LGBTQIA+ people for independence and equality around the world.
- PLO 5: Engage in critical thinking, discussion, and writing about women, gender, and sexuality as they are reflected in different disciplines.

Digital Humanities Proficiency:

- PLO 6: Learn to use digital tools and technologies to present, archive, locate & evaluate topics in literature, academic scholarship, popular culture, & visual culture

Migration Studies Proficiency:

- PLO 7: Articulate and explain migration patterns in a historical and a cross-cultural perspective

Visual Studies Proficiency:

- PLO 8: Describe and provide examples of how images & representations enact power, create meaning, elicit empathy, & shape social, culture, and political myths.

Major in Spanish

A major in Spanish is an in-depth study and analysis of the Spanish language, both its spoken and written forms. It also focuses on the literature and culture of people of Hispanic descent throughout the world. The major introduces the student to the Spanish-speaking world from a global and multicultural perspective to prepare them for the global, transnational, and trans-linguistic world of the present and the future.

Program Student Learning Outcomes:

Spanish (B.A.)

- PLO 1 Master five basic skills of the Spanish Language-comprehension, listening, speaking, reading, and writing.
- PLO 2: Describe the many cultures that constitute Spanish civilization and its contribution to the world.
- PLO 3: interpret visual or written texts related to Spanish cultures and communities and present their interpretations in written form.
- PLO 4: Demonstrate familiarity with major Spanish artistic and literary achievements, past and present, as well as contributions in the humanities and sciences.
- PLO 5: Analyze the historical, linguistic, and social impact of the language and its cultural values.
- PLO 6: Compare and contrast Spanish language in relation to other languages and dialects spoken in all countries where Spanish is the official language or was practiced - including Trindad and Tobago, Taiwan, Cave Verde, and the Southwest, USA.

Major in Global Studies

The major in Global Studies gives the students the tools and knowledge to engage in the contemporary world. From inequality and world hunger to emancipatory social movements, popular culture, far-right extremism, past and present forms of globalization, and inter-state competition, students learn about the interrelated processes that shape governments, societies, and cultures across the globe. The GLS major prepares students for a wide range of career opportunities in the public and private sectors, including careers in international NGOs, cultural foundations and institutes, multi-national corporations, internationally oriented firms, various government agencies, banking, as well as graduate study in related fields such as economics, global history, international business, international relations, or cultural studies.

Program Student Learning Outcomes: Global Studies (B.A.)

- PLO 1: Analyze how culture and language intersect broader social and political structures to shape individual and collective identities (including racial, gender, class, and national identities).
- PLO 2: Identify major issues and events in world history and their relevance to the contemporary world.
- PLO 3: Analyze different theoretical perspectives in both the history of economic thought and current economic policy debates on globalization.
- PLO 4: Compare and contrast how politics is organized in different countries and the role of the various actors involved in international politics.
- PLO 5: Examine the continuing impact of colonization, slavery, and underdevelopment on the contemporary world.
- PLO 6: Articulate how political, cultural, socio-economic, and technological disparities between the Global North and Global South differently impact particular regions in the contemporary world.

Programs

- Fine Arts Minor (p. 78)
- French Minor (p. 78)
- Global Studies, BA (https://catalog.sfc.edu/catalogue/programs/interdisciplinary-studies/global-studies-ba/)
- Interdisciplinary Studies, BA (p. 75)
- Italian Minor (p. 78)
- Music Minor (p. 78)
- Spanish Minor (p. 78)
- Spanish, BA (p. 76)

Program Requirements

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.

Faculty

Chairperson

Dr. Jennifer Wingate

Professors

Dilyard

Associate Professor

Dell
Devlin

Assistant Professor

Benson

Edwards

Professor Emeriti

Greene
Forsberg
Mathur
Molina

Tague

Adjuncts

Acevedo
Cabri
Coburn
D'Augusta
Field
Fontana
Kaminiski
Michel
Mona
Rinaldi
Skrill
Suchma
Wiener

Interdisciplinary Studies, BA

Code	Title	Hours
General Education Program		
Understanding College		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
LWP-1000	Introduction to Digital Humanities	
Science at Work (NPW)		6-10
BIO-1000	Ecology and the Environment	
Ethics, Reality and Logic (PEM)		6
PHI-1101	Basic Problems in Philosophy	
Individual and Societies (SEH)		6
COM-2000	Mass Communication	
SOC-1000	Principles of Sociology	
Our World, Past and Present (WHG)		6
HIS-1201	US History 1896 to Present	
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Interdisciplinary Studies Major		
AMS-1001	American Culture and Conflict	3
COM-3002	Topics: Media and Com. Research Methods Audio Production	3
WGS-2001	Introduction to Gender Studies	3
IDS-4990	Interdisciplinary Studies Internship	3
IDS-4997	Interdisciplinary Studies Capstone Sem I	3
IDS-4998	Interdisciplinary Stu Capstone Sem II	3
Take three 3000 level courses		9
IDS Areas of Focused Study (Complete 2 of 3 subrequirements)		**18**
Take 9 credits from Group A: American Studies		
COM-3150	Popular Music	
FA-2408	Commemorative Practices in the United States	
FA-2409	Art of Social Change in the US United States	
HIS-2107	Post-WWII U.S. Protest Movements	
HIS-2314	Topics in Public History	
HIS-3501	The Atlantic World	
LWP-2000	Walt Whitman's America	
LWP-2150	Constructing Gender in American Literature & Culture	
LWP-2555	America in the 1940S	
PHI-2310	American Philosophy	
REL-2113	The Story of American Evangelicalism	
Take 9 credits from Group B: Environmental Studies		
BIO-2200	Art & Ecology	
BUS-1204	Business and Society	
BUS-2005	Sustainable Devt: the Business Case Career	
ECO-2303	Economic Issues Today	
ECO-3307	Environmental Economics	
IDS-2205	Biomimicry	
LWP-3653	Topic: Environmental Writers	
PHI-2344	Philosophy and the Nature World Ethical Perspectives	
Take 9 credits from Group C: Women's & Gender Studies		
COM-2030	Women in Film and Video	
HS-1403	Women's Health Issues	
HIS-3308	History of Sexuality	
HIS-3315	Women in the Twentieth Century World	
PSY-1114	Human Sexuality	
PHI-3312	Gender and Philosophy	
PSY-2229	Psychology of Women	
IDS Proficiency Areas (Complete 1 of 3 subrequirements)		**9**
Take 9 credits from Group D: Digital Humanities		
COM-3130	Digital Radio Industry	
FA-2410	Art in New York City United States	
IT-1002	App Design & Development in the Humanities	
IT-2445	Digital Video	
LWP-2104	Story in the Digital Age	
Take 9 credits from Group E: Migration Studies		
SOC-2020	Global Migration	
SOC-2035	Criminalization of Immigration	
SOC-5010	Contemporary Migration	
SOC-2045	Immigrant to New York	
Take 9 credits from Group F: Visual Arts		
IDS-2200	Art & Ecology	
COM-3100	History of Film	
COM-3110	Studies in Film	
LWP-2603	Topics: Literature and Photography	
PHI-2316	Art and Aesthetics	
General Electives		18
Total Hours		**120-126**

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Spanish, BA

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

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
	Take two Fine Arts (FA) courses. The department strongly recommends one music and one art.	
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Spanish Major		
Select four foreign language courses in sequence [1]		12
Select either Group A or Group B below [2]		6
Group A - Select both of the following courses		
SPA-1101	Spanish for Global Communication	
SPA-1102	Upper Beginning Spanish	
Group B - Select both of the following courses		
SPA-1105	Spanish for Bilingual Students	
SPA-2115	Conversation in Spanish	
SPA-2103	Lower Intermediate Spanish [3]	3
SPA-2104	Upper Intermediate Spanish	3
SPA-2201	Contemporary Readings of Spain and Latin America I	3
Select one of the following courses:		3
GLS-3314	Puerto Rican Culture and Literature	
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-3305	History of Spanish-American Literature I	
SPA-3306	History of Spanish-American Literature II	
SPA-3411	Latin American Nobel Laureates in Literature	
SPA-4308	Advanced Spanish Conversation	
SPA-4407	Cervantes	
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	Latino Culture and Literature	
SPA-4998	Senior Thesis in Spanish [4]	4
General electives		24
Total Hours		**124-130**

1. Choose 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.
2. Students 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.
3. LB Lower Beginning, UB Upper Beginning, LI Lower Intermediate, UI Upper Intermediate.
4. The successful completion of SPA-4998 Senior Thesis in Spanish satisfies the College's Comprehensive Examination/Thesis requirement.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Fine Arts Minor

This minor provides students with an introduction to the visual arts (painting, illustration, street art, performance, photography, craft, video, sculpture, and architecture) and the roles that the visual arts play in cultures around the world, historically and today. The arts communicate beliefs, express identities, shape and reflect values, record surroundings, and imagine a better future. Classes focus on the history and theory of the visual arts, by analyzing them in their historical and cultural contexts. Select classes may include studio or design components.

Requirements

Code	Title	Hours
FA-1402	Orientation in Art	3
Select five of the following courses:		15
FA-1408	Italian Fine Arts	
FA-1420	American Art	
FA-1430	Social Justice Art in African Diaspora	
FA-2002	History of Photography	
FA-2404	Introduction to Studio Art	
FA-2405	Introduction to Studio Art	
FA-2409	Art of Social Change in the US United States	
FA-2410	Art in New York City United States	
FA-5416	Hon Seminar: Public Art	
FRE-3300	Global French Cinema	
IDS-2200	Art & Ecology	
IDS-2205	Biomimicry	
LWP-2603	Topics: Literature and Photography	
PHI-2316	Art and Aesthetics	
Total Hours		**18**

French Minor

Requirements

Code	Title	Hours
FRE-1101	Beginning Year French I [1]	3
FRE-1102	Beginning Year French II [1]	3
FRE-2103	Lower Intermediate French [1]	3
FRE-2104	Upper Intermediate French [1]	3
FRE-2200	Global French Cinema	3
Total Hours		**15**

[1] Students with advanced standing in French may substitute more advanced courses for FRE-1101 Beginning Year French I, FRE-1102 Beginning Year French II, FRE-2103 Lower Intermediate French, or FRE-2104 Upper Intermediate French as approved by the department Chairperson. A maximum of 6 CLEP credits will be accepted toward the minor in French.

Italian Minor

Requirements

Code	Title	Hours
ITA-1101	Beginning Year Italian I [1]	3
ITA-1102	Beginning Year Italian II	3
ITA-2103	Second Year Italian I	3
ITA-2104	Second Year Italian II	3
FA-1408	Italian Fine Arts	3
or ITA-2001	Italian Film: From Neorealism to Contemporary	
Total Hours		**15**

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

Music Minor

Requirements

Code	Title	Hours
FA-1401	Music of the Western World	3
FA-1405	Fundamentals of Music Theory	3
Select one of the following courses:		1-3
FA-1200	Introduction to the Keyboard Contemporary	
FA-2100	Beginner Guitar Contemporary	
FA-4996	Choir (take 3 1CR sections)	
Select two of the following courses:		6
FA-1403	Music of Many Cultures	
FA-1404	American Music	
FA-5417	Blues, Jazz, and the Harlem Renaissance	
Total Hours		**13-15**

Spanish Minor

Requirements

Code	Title	Hours
SPA-1101	Spanish for Global Communication [1]	3
SPA-1102	Upper Beginning Spanish [1]	3
SPA-2103	Lower Intermediate Spanish [1]	3
SPA-2104	Upper Intermediate Spanish [1]	3
Select one of the following:		3
SPA-2201	Contemporary Readings of Spain and Latin America I	
SPA-2202	Contemporary Readings of Spain and Latin America II	
SPA-5401	Latino Culture and Literature	
Total Hours		**15**

[1] Students with advanced standing in Spanish may substitute more advanced courses from SPA-1105 Spanish for Bilingual Students through SPA-4419 Travel and Study in Spain, Latin America, or the Caribbean as offered and as approved by the department Chairperson.

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

Health Science and Leadership

Department Mission

The Health Science and Leadership Department 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 they enter and adapt to changes in the professions and contributes to their 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, as well as professional schools for medicine, dentistry, podiatry, and veterinary medicine, as well as other programs such as physician assistant, occupational therapy, physical therapy, and radiological sciences.

Program Student Learning Outcomes

Exercise and Movement Science (B.S.)

- PLO 1: Create a lifelong fitness plan.
- PLO 2: Actively participate in health enhancing activities.
- PLO 3: Identify and resolve unsafe exercise environments
- PLO 4: List principles of fitness.
- PLO 5: Interact with technology educational learning systems.

Health Promotion and Sciences (B.S.)

- PLO 1: Identify the ethical consideration associated with planning, implementing and evaluating health promotion programs.
- PLO 2: Demonstration respect and understanding of diverse populations and achieve a level of cultural competency appropriate for professional working environments.
- PLO 3: Investigate, analyze, write, and present well-documented research papers based on complex health problems.
- PLO 4: Identify programmatic strategies to meet the needs of specific populations

Health Care Management (B.S.)

- PLO 1: Apply course content of the internship experience.
- PLO 2: Demonstrate respect and understanding of diverse populations and achieve a level of cultural competency appropriate for professional working environments.
- PLO 3: Work constructively and collaboratively in a working/research group or committee solving case studies in healthcare management.
- PLO 4: Experience working in a professional work environment as part of an internship experience.
- PLO 5: Investigate, analyze, write and present well-documented research papers based on complex healthcare management problems.
- PLO 6: Formulate strategic plans for a health care facility based on managerial and legal practices.

Public Health (B.S.)

- PLO 1: Organize ideas clearly and effectively.
- PLO 2: Apply appropriate communication strategies with clients and their families, community organizations, and/or other stakeholders.
- PLO 3: Analyze community health needs with critical thinking and problem-solving skills.
- PLO 4: Practice awareness of cultural, ethnic, age, gender, and lifestyle differences.
- PLO 5: Demonstrate ethical and professional conduct appropriate to the community health environment.

Radiological Science (B.S.)

- PLO 1: Demonstrate knowledge of x-ray physics and related math.
- PLO 2: Exhibit professional conduct and ethical decision making.
- PLO 3: Work in a team while conducting patient procedures.
- PLO 4: Explain the different modalities for examining patients.

Biomedical (Podiatric Medicine) (B.S.)

- PLO 1: Design and perform experiments that demonstrate the scientific method, incorporate vocabulary and collect and analyze data, and write a cogent lab report.
- PLO 2: Make oral presentations that demonstrate the scientific method.
- PLO 3: Demonstrate connections among population biology, ecology and evolution, molecular and cellular biology and organismal biology, and among biology, chemistry and physics.
- PLO 4: Make qualitative and quantitative assessments of their own data as well that in scientific literature.
- PLO 5: Create and explain illustrations of biological phenomena.

Exercise and Sports Science (M.S.)

- PLO 1: Design and institute exercise and wellness assessment and maintenance programs which maximize compliance, motivation, technology, and prevents injury and illness.
- PLO 2: Use qualitative and quantitative reasoning and evidence, synthesizing information from a variety of origins to methodically and systematically solve problems and develop intervention in the human movement domain.
- PLO 3: Apply analytical and critical thinking to advance exercise and wellness initiatives for individuals, families, businesses, communities, and other health care professionals in the delivery of care.
- PLO 4: Apply fundamental movement principles and demonstrate an applied understanding of the form and function of the human body.
- PLO 5: Communicate effectively in ways that are congruent with situational needs, orally and in writing with lay and professional audiences.

Public Health (M.P.H.)

- Identify causes of social and behavioral factors that affect the health of individuals and populations based on theories, concepts, and models from a range of social and behavioral disciplines that are used in public health research and practice.
- Assess individual, organizational and community concerns, assets, resources, and deficits for social and behavioral science interventions.
- Identify critical stakeholders for the planning, implementation, and evaluation of public health programs, policies, and interventions.
- Demonstrate steps and procedures for the planning, implementation, and evaluation of public health programs, policies, and interventions.
- Apply evidence-based, ethically grounded approaches in the development and evaluation of social and behavioral science interventions.

Programs

- Biomedical Science (Podiatric Medicine) B.S. (p. 81)
- Exercise and Movement Science, B.S. (p. 82)
- Exercise and Sports Science, MS (https://catalog.sfc.edu/catalogue/programs/health-science-leadership/exercise-and-sports-science-ms/)
- Health Care Management, B.S. (p. 83)
- Health Promotion and Science Minor (p. 85)
- Health Promotion and Science, B.S. (p. 83)
- Health Science, A.S. (https://catalog.sfc.edu/catalogue/programs/health-science-leadership/health-science-as/)
- Personal Training Minor (https://catalog.sfc.edu/catalogue/programs/health-science-leadership/personal-training-minor/)
- Public Health Minor (p. 85)
- Public Health, BS (https://catalog.sfc.edu/catalogue/programs/health-science-leadership/public-health-bs/)
- Public Health, MPH (https://catalog.sfc.edu/catalogue/programs/health-science-leadership/public-health-mph/)
- Radiologic Sciences, B.S. (p. 84)

Faculty

Chairperson

Dr. Melissa James

Assistant Professors

Charles
Joseph
Mecklembourg

Associate Professors

Eaddy

Adjuncts

Baratta
Baron-Faust
Congo
Pederson
Sylvester
Underwood
Williams

Biomedical Science (Podiatric Medicine) B.S.

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.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures(HCE)		6
Science at Work (NPW)		6-10
CHE-1201	General Chemistry I	
CHE-1202	General Chemistry II	
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Biomedical Science Major		
BIO-1201	General Biology 1	3
BIO-1201L	General Biology 1 Laboratory	2
BIO-1202	General Biology 2	3
BIO-1202L	General Biology 2 Laboratory	2
BIO-2250	Introduction to Cell Biology	3
BIO-2250L	Introduction to Cell Biology Laboratory	1
BIO-3303	Genetics	3
BIO-3303L	Genetics Laboratory	1
BIO-3320	Molecular Biology	3
BIO-3320L	Molecular Biology Laboratory	1
CHE-2101	Organic Chemistry I	4
CHE-2101L	Organic Chemistry I Laboratory	1
CHE-2102	Organic Chemistry II	4
CHE-2102L	Organic Chemistry II Laboratory	1
CHE-3001	Biochemistry	3
CHE-3001L	Biochemistry Laboratory	1
MAT-2202	Calculus I	4
MAT-2301	Statistics	3
PHY-2001	General Physics I	3
PHY-2001L	General Physics I Laboratory	1
PHY-2002	General Physics II	3
PHY-2002L	General Physics II Laboratory	1
Cooperative Training Program through New York College of Podiatric Medicine		33
Total Hours		**132-138**

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Exercise and Movement Science, B.S.

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
BIO-1140	Anatomy and Physiology 1	
BIO-1140L	Anatomy and Physiology 1 Laboratory	
BIO-1141	Anatomy and Physiology 2	
BIO-1141L	Anatomy and Physiology 2 Laboratory	
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Exercise and Movement Science Major		
HC-1001	Introduction to American Health Service Delivery I	3
HS-1201	Community Health	3
HS-1207	Nutrition	3
HS-1305	Coping with Stress	3
HS-2151	Theory & Research in Health Promotion	3
HS-3250	Designing Health Promotional Programs	3
EXM-2208	Intro to Ex & Mvment Sci/Kinesiology	3
EXM-3200	Biomechanics	3
EXM-3322	Introduction to Legal Issues	3
EXM-3304	Organization and Administration of Physical Education	3
EXM-3305	Physiology of Exercise	3
EXM-3308	Motor Learning	3
EXM-4302	Special Topics in Exercise Science Special Needs Special Topics in Exercise Science	3
EXM-4616	Behavior Change Strategies	3
EXM-4995	Independent Study in Exercise Science	1-4
Liberal Arts electives [1]		13
General Electives		17
Total Hours		**121-130**

[1] 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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure

that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Health Care Management, B.S.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
BIO-1140	Anatomy and Physiology 1	
BIO-1140L	Anatomy and Physiology 1 Laboratory	
BIO-1141	Anatomy and Physiology 2	
BIO-1141L	Anatomy and Physiology 2 Laboratory	
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Health Care Management Major		
HC-1001	Introduction to American Health Service Delivery I	3
HC-2001	Organization and Management of Health Institutions	3
HC-2002	Legal Issues in Health Care	3
HC-2003	Decision-Making in Health Field	3
HC-3001	Personnel Management in the Health Field	3
HC-4990	Field Placement in the Health Field I	3
HC-4998	Seminar in Health Management Issues [1]	3
Select two Health-Care Management-electives or HS electives		6
ACC-1700	Accounting for Healthcare Organizations	3
HS-1201	Community Health	3
MAT-2301	Statistics	3
Liberal Arts (p. 15) [2]		21
General electives		21
Total Hours		**126-132**

[1] The successful completion of HC-4998 Seminar in Health Management Issues 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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Health Promotion and Science, B.S.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
BIO-1140	Anatomy and Physiology 1	
BIO-1141	Anatomy and Physiology 2	
Ethics, Reality and Logic (PEM)		6
PHI-2502	Medical Ethics	

Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Health Promotion and Science Major		
HS-1201	Community Health	3
HS-2150	Methods in Teaching Health	3
HS-2151	Theory & Research in Health Promotion	3
HS-2406	Epidemiology	3
HS-3250	Designing Health Promotional Programs	3
HS-3251	Implementation and Evaluation of Health Promotion Programs	3
HS-4350	Intro to Research and Bioethics in HP	3
HS-4990	Internship in Allied Health I	3
HS-4998	Seminar in Health Science	3
Select three health promotion electives		9
HS-1206	Safety and First Aid	
HS-1207	Nutrition	
HS-1305	Coping with Stress	
HS-1306	Healing and Wholeness	
HS-1403	Women's Health Issues	
HS-1419	Death, Loss, and Grief	
HS-1501	Introduction to Public Health	
HS-2240	Introduction to Environmental Public Health	
MAT-2301	Statistics	3
PSY-1100	General Psychology	3
General electives		33
Total Hours		**123-129**

The successful completion of HS-4998 Seminar in Health Science *satisfies the College's Comprehensive Examination/Thesis requirement.*

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Radiologic Sciences, B.S.

In partnership with Touro University, St. Francis College offers a Bachelor of Science degree in Radiologic Sciences with concentrations in radiation therapy.

Students complete two years of study at St. Francis College to first obtain an Associate of Science (A.S) in Health Science. Upon receiving their Associates, students must apply and be accepted into Touro University's Radiologic Sciences Program. In this program, students will complete the final two years of coursework and clinical rotations, served at locations throughout the New York metropolitan area. St. Francis College students must complete all program requirements at St. Francis College and Touro College for St. Francis College to award the B.S. in Radiological Sciences.

Underlying the focused, outcomes-driven curriculum in SFC's robust General Education Program, the cornerstone of SFC and affirms its mission to graduate educated, well-rounded individuals who enter the workforce and work to change and culturally diversify the world.

For further information on the Radiologic Science program at St. Francis College, please contact VP of Health Sciences, Allen Burdowski, 718-489-5324, aburdowski@sfc.edu or the Assistant Dean for Science Education, Noemi Rivera, 718-489-2017, nrivera622@sfc.edu.

For further information on the program at Touro you can contact Stephani Evans, stephanie.evans@touro.edu, 212-939-3477 or Stephaion Phillip, sphillip11@touro.edu, 646-565-6308.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3

IT-1001	Computer Tools	
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
BIO-1140	Anatomy and Physiology 1	
BIO-1141	Anatomy and Physiology 2	
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
PSY-1108	Life-Span Development	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
HS-1201	Community Health	
Religion and Culture (RS)		3
Radiological Science Major		
PHY-1001	Physics and the Modern World [1]	3
BUS-1001	Organization and Management	3
HC-1001	Introduction to American Health Service Delivery I	3
HS-1207	Nutrition	3
HS-2406	Epidemiology	3
MAT-2301	Statistics	3
Radiologic Science credits at Touro University		57-71
Total Hours		**123-143**

Must complete an AA_Liberal Arts prior to commencing clinical work.

[1] Students must achieve required grades in **Math** and **Science** courses; see department for specific information.

[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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Health Promotion and Science Minor

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.

Requirements

Code	Title	Hours
HS-2150	Methods in Teaching Health	3
HS-2151	Theory & Research in Health Promotion	3
HS-3250	Designing Health Promotional Programs	3
HS-3251	Implementation and Evaluation of Health Promotion Programs	3
Select two of the following courses:		6
HS-1201	Community Health	
HS-1206	Safety and First Aid	
HS-1207	Nutrition	
HS-1305	Coping with Stress	
HS-1306	Healing and Wholeness	
HS-1403	Women's Health Issues	
HS-1419	Death, Loss, and Grief	
HS-1501	Introduction to Public Health	
HS-2406	Epidemiology	
HS-2240	Introduction to Environmental Public Health	
Total Hours		**18**

Public Health Minor

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.

Requirements

Code	Title	Hours
Select two of the following courses:		7-8
BIO-1101	Introduction to Human Biology	
BIO-1107	Anatomy and Physiology I	
BIO-1108	Anatomy and Physiology II	
BIO-1201	General Biology 1	
BIO-1140	Anatomy and Physiology 1	
HS-1501	Introduction to Public Health	3
HS-2406	Epidemiology	3
Select two of the following courses:		6
BIO-1001	History of Science & 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 Health	
HS-2150	Methods in Teaching Health	
ECO-3310	Health Economics	
PHI-2502	Medical Ethics	
SOC-4008	Topic: Sociology of Health & Medicine	
Total Hours		**19-20**

Honors

honorsprogram@sfc.edu

Director

Dr. James Freeman

Program Mission

The Honors Program fosters a community of active, life-long learners who will become adept at functioning in a complex, increasingly interconnected world. This is accomplished through small, specialized, and interdisciplinary seminars that take the place of General Education courses across the Bodies of Knowledge and the completion of a senior capstone project. The Program strengthens its students intellectually by challenging them academically, encouraging their curiosity, and honing their research, writing, critical thinking and speaking skills. Honors students are also expected to demonstrate the key Franciscan values of care of creation, compassion, humility, and service to others by engaging in service and academic opportunities outside of the classroom. The Honors Program prepares students in all majors to be engaged, dynamic, and thoughtful citizens who will carry those values into their careers, continued education, and communities.

Goals and Objectives

Program Goals

The Honors Program aims to:

- Provide interdisciplinary General Education courses that are specialized, challenging, and innovative in their approach.
- Offer students academic experiences, hands-on learning, and service and scholarly opportunities both within and beyond the classroom and campus.
- Guide students in research methods and mentor them in capstone projects.
- Encourage students to present their work within and beyond St. Francis College.
- Foster a lifelong passion for learning, service, and commitment to community.

Program Objectives

Students who complete the Honors Program will be able to:

- Write and speak authoritatively about scholarly issues in a range of disciplines.
- Design and execute an independent yearlong project that results in a scholarly thesis, creative project, or service initiative.
- Identify and pursue opportunities for service in and outside the college.
- Organize and participate in learning opportunities outside of the classroom and college.
- Demonstrate the value of wide-ranging liberal arts knowledge in their chosen career fields and graduate programs.

The Honors Program provides students the opportunity to fulfil their General Education Bodies of Knowledge requirements through small, interdisciplinary, discussion-based seminars that address a range of specialized topics.. The Program requires the student to complete nine three-credit Honors courses, beginning with a year-long freshman seminar and ending in a year-long senior capstone. The freshman seminars are focused around a timely theme chosen by the Honors Council and meet the First Year College writing and speaking proficiencies. In their sophomore and junior years, students take five Honors seminars that each map to two Bodies of Knowledge. Through their distribution of Honors seminars, students are expected to take two classes that count in each Body of Knowledge. These five seminars take the place of the ten Bodies of Knowledge courses required of non-Honors students, allowing Honors students the flexibility to take more advanced liberal arts courses, double major, or minor.

Independent research and self-motivated study are combined in sophomore- and junior-year 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, as well as experiential and service learning, are encouraged components of Honors courses.

The Honors Program culminates with an Honors capstone project. Students select a topic and identify a faculty mentor who will guide them in conducting scholarly research and writing, creative work and reflection, or designing and implementing a service initiative. The topic and type of capstone project is chosen by the individual Honors student and requires the student to engage in in-depth research and writing, with the length of the final product dependent upon the type of project undertaken. Students present their projects at an annual Honors Symposium and are encouraged to submit to external Honors conferences and publications as well. Each thesis is carefully monitored by the mentor and is critically examined by a second faculty reader as well as a designated member of the Honors Council. Students must earn a B or better in their first semester to advance to the second semester of the capstone. Students who earn an A or A- on their final capstone project will graduate with High Honors, and students who earn a B or B+ on their capstone project will graduate with Honors. Any student who passes with below a B on their thesis project will earn credit but will not graduate with Honors.

Honors students are also expected to attend and/or participate in cultural and social activities at the College. These activities can include guest lectures, club membership, and other events. As an essential facet of the Franciscan mission of both the program and the college, Honors students are also required to complete a minimum of ten hours of community service per academic year. Students identify their own service opportunities and report their hours to the Honors Director.

Honors students have priority registration and are eligible to register for courses on the first day of registration. In addition, Honors students benefit from exclusive academic and social events, unique opportunities to travel and attend conferences, publish their work, and work closely with individual faculty on research projects.

Membership in the Honors program is limited. Qualified prospective freshmen are invited to apply to the program on the basis of their high school grade point averages, and are admitted on the basis of writing samples and interviews. Transfer students and rising sophomores who demonstrate academic talent and interest in the Honors Program may also be invited to apply by a process similar to that used for incoming freshmen. 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. Students who do not maintain those standards risk removal from the program and must work with the Honors Director to maintain their place in Honors. Honors students entering as freshman must complete 27 Honors credits; Honors students beginning as sophomores must complete 21 Honors credits.

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

Program Requirements

Code	Title	Hours
HON-5101	Honors Freshman Seminar	3
HON-5102	Honors Freshman Seminar	3
Select FIVE Honors courses [1]		15
HON-5997	Honors Thesis	3
HON-5998	Honors Thesis II	3
Total Hours		**27**

[1] Honors 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.

Faculty
Department Director

Dr. James Freeman

Liberal Arts

Phone: 718.489.5476

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.

Program Student Learning Outcomes:

- PLO 1: Provide students with an introduction to a variety of liberal arts disciplines.
- PLO 2: Help students to broaden their understanding of their aspirations and to clarify their goals.
- PLO 3: Prepare students for more advanced study by creating a solid foundation with the basic skills of critical thinking, reading, writing, and quantitative analysis.
- PLO 4: Utilize their AA degree towards employment or pursuit of a Bachelor's degree.

Programs

- Liberal Arts, AA (p. 89)

Liberal Arts, AA

Requirements

Code	Title	Hours
General Education Program (see page 15)		32
Liberal Arts (p. 15)		18
Free Electives		12
Total Hours		**62**

At least 3/4 of degree credits must be courses from the Liberal Arts category. For specific academic subjects, see here *(*p. 15*).*

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Literature, Writing and Publishing

Phone: 718.489.5284

Literature, Writing and Publishing Department Mission

The Literature, Writing, and Publishing (LWP) department uses literature from around the globe and digital tools to teach students how to hone critical reasoning skills, build compelling positions, and employ a range of technologies to share those ideas. Coursework combines readings from western and non-western traditions with intensive examinations of strategies for writing, presenting, and publishing in print and on digital platforms. Majors also participate in internships that provide students with real-world experience in literary and digital spaces where critical thinking and the clear expression of ideas are paramount.

LWP has been designed to help students acquire the skills that can directly benefit them professionally, with graduates pursuing careers in law, communications, marketing, technology, digital media, education, social work, and entertainment, as well as advanced degrees. All members of the Literature, Writing, and Publishing department are active scholars, writers, and creative artists deeply committed to teaching.

Program Student Learning Outcomes:

Literature, Writing and Publishing

PLO 1: Organize thoughts into sentences and paragraphs with clear structure using forceful and energetic prose

PLO 2: Examine multiple identities and communities in personal and global contexts through the study of diverse literature and experiences.

PLO 3: Demonstrate competence in multimodal forms of written expression.

PLO 4: Employ a set of skills in publishing, analytical, research-driven, and creative writing.

Masters of Fine Arts in Creating Writing (MFA) Mission

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.

Program Student Learning Outcomes:

PLOs shared by all tracks:

PLO 1: Revise and edit creative writing

PLO 2: Demonstrate their personal aesthetic

PLO 3: Generate a body of work worth performance or publication

Creative Writing: Fiction Track

PLO 4: Develop an understanding of structure as it relates to the short story, novella and novel.

PLO 5: Experiment with a variety of techniques and styles in the art of short and/or long form fiction writing.

Creative Writing: Graphic Writing Track

PLO 4: Students will diagram the formatting standards of writing graphic novels via direct instructions and selected textbooks.

PLO 5: Students will prepare for the rigorous practices of entering professional creative fields.

Creative Writing: Nonfiction Track

PLO 4: Diagram structure as it relates to the essay, memoir, article, op-ed, narrative podcase script, nonfiction video segment script, and all other forms of writing that involve reported fact.

PLO 5: Practice techniques of reporting and research.

Creative Writing: Poetry Track

PLO 4: Enhance their understanding of poetry as a dialogue, a conversation that takes place within a theoretical, historical and literary context, and occurs both between author and reader and between poets both past and present.

PLO 5: Learn the art and science of poetic practices. These practices include working within both received form and free verse, mastering the use of meter and rhyme, developing writing strategies, and workshopping.

Creative Writing: Screenwriting Track

PLO 4: Develop through writing exercises, script-in-hand readings and classroom critiques, the art of dramatic writing incorporating theater, film and other modes of writing for performance.

PLO 5: Gain a thorough understanding of the concepts of action, character, voice; and mood, atmosphere and setting, and their function in advancing dramatic narrative.

MFA Requirements

All applicants to the program must have a baccalaureate degree from an accredited institution. Applicants will submit a creative writing sample consisting of 25 pages for dramatic writing or 20-25 pages of fiction. Poets will submit up to 20 pages of poetry. The application must also include a statement of purpose.

Programs

- Creative Writing (Fiction), MFA (p. 93)
- Creative Writing (Graphic Writing), MFA (https://catalog.sfc.edu/catalogue/programs/literature-writing-publishing/creative-writing-graphic-writing-mfa/)
- Creative Writing (Nonfiction), MFA (https://catalog.sfc.edu/catalogue/programs/literature-writing-publishing/creative-writing-nonfiction-mfa/)

- Creative Writing (Poetry), MFA (p. 93)
- Creative Writing (Screenwriting and Playwrighting), MFA (p. 93)
- Drama Minor (p. 92)
- Literature, Writing and Publishing Minor (p. 92)
- Literature, Writing and Publishing, BA (p. 91)
- Writing Minor (p. 93)

Faculty

Chair

Dr. Athena Devlin

Professor

Maloney

Associate Professors

Devlin
Franklin

Assistant Professor

Gangi
Hagood
Poetic

Senior Lecturers

Dubow

Lecturers

Levenberg

Adjuncts

Ait-Zaine
Akst
Albrecht
Gonzalez
Harris-Trovato
Linden
Mayers
Norway
Olerich
Penner
Simmons
Williams

Literature, Writing and Publishing, BA

The requirements for the Literature, Writing and Publishing major are designed to provide students with a solid understanding of historical, cultural, and aesthetic contexts of literature and the tools to communicate effectively in multiple modes of expression and on traditional and digital platforms. Below are the required courses for majors:

First Year LWP Courses

- WRI 1100: Writing and Research
- LWP 1000: Introduction to Digital Humanities
- LWP 1101: Literature Across Cultures

2000-Level Literature Courses (Freshman and Sophomore years)

As an introduction to analytical thinking, inquiry, and collaboration, LWP majors take the following two thousand level literature courses, which are writing intensive and concentrate on cultural materials along with literary readings in all genres.

- LWP 2105: American Literature Gateway
- LWP 2106: British Literature Gateway
- LWP 2107: World Literature Gateway
- LWP 2108: Latinx Literature
- LWP 2109: The African Diaspora in Caribbean and U.S. Literature.

Publishing Courses (students pick TWO of the following)

- LWP 2001: Introduction to Digital Publishing
- LWP 2100: Writing and Publishing
- LWP 2104: Story in the Digital Age

Prospective majors are advised to complete the 2000-level requirements before moving to the 3000-level courses.

Upper Level Department Courses (Junior and Senior years)

Upper level literature and writing courses (LWP 3010: Critical Writing and Analysis) provide students with a selection of literary genres and critical writing assignments. Additionally, the courses offer an understanding of the aesthetic and cultural background of the time period or focus of the course. Most 3000-level courses are offered on a two-year rotation. Three and 4000-level courses offer a more specific focus and smaller, discussion-based classes where students produce independent research papers or multimodal projects and analyze texts at a high level of sophistication. Students wishing to focus on a specific idea may design an independent study with a member of the department. **Majors take four 3000-level literature courses, two 4000-level LWP seminars and one internship (LWP 4990).**

Senior Thesis: LWP 4996 and LWP 4997

Literature, Writing, and Publishing majors finish their BA with a two-semester capstone project. Students work with a mentor of their choosing to produce a proposal and annotated bibliography (LWP 4996) and then, in the following semester, a 30-page piece of writing (LWP 4997). Students choose what they want to focus on. The thesis can be a work of literary analysis or a work of their own creative writing.

The Department of Literature, Writing, and Publishing strongly recommends that LWP majors use some of their elective and General Education credits to pursue a complementary minor.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3

LWP-1000	Introduction to Digital Humanities	
Creative Voices across Cultures (HCE)		6
At least one course in Fine Arts (FA)		
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
At least one course in Philosophy (PHI)		
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
At least one course in History (HIS)		
Fitness Wellness (FH)		2-3
Religion and Culture (RS)		3
English Major		
LWP-1101	Literature Across Cultures	3
LWP-2105	Exploring American Literature	3
LWP-2106	Exploring British Literature	3
LWP-2107	Exploring World Literature	3
LWP-2108	Latinx Literature	3
LWP-2109	African Diaspora in Caribbean/US Lit	3
Choose two of the Following		6
LWP-2001	Introduction to Digital Publishing	
LWP-2100	Writing and Publishing	
LWP-2104	Story in the Digital Age	
LWP-3010	Critical Writing and Analysis	
Select four LWP courses 3000 or higher		12
Select two LWP courses 4000		6
LWP Electives [2]		9
LWP-4990	Internship in English	3
LWP-4996	Thesis Preparation and Proposal	3
LWP-4997	Senior Thesis	3
General electives [2]		12
Total Hours		**120-126**

[1] The successful completion of LWP-4997 Senior Thesis satisfies the College's Comprehensive Examination/Thesis Requirement.

[2] Majors are encouraged to take at least 6 credits in a foreign language Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Drama Minor

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.

Requirements

Code	Title	Hours
LWP-2700	Drama Survey I	3
LWP-2730	Drama Survey II	3
Select four of the following:		12
LWP-2141	Greek Drama	
LWP 2300 Dramatic-Screenwriting		
LWP-2620	Shakespeare	
LWP-3504	American Drama	
LWP 3601-3699 Special Topics in Drama		
LWP-3750	Women Playwrights	
COM-2100	Acting I: Voice and Movement	
Total Hours		**18**

Literature, Writing and Publishing Minor

A minor in Literature, Writing, and Publishing enables students with other majors to gain the insights and understanding that a systematic exposure to literature provides. The writing, digital media, and critical-thinking skills developed in LWP classes can be profitably applied in

any professional area, especially the social sciences, communications, education, and medicine.

Requirements

Code	Title	Hours
Select either Group A or Group B below:		6
Group A - Select both of the following:		
LWP 2110	AML: Colonial to Renaissance	
LWP 2120	Realism to Modernism Literature & Culture	
Group B - Select both of the following:		
LWP 2102	Romanticism to Modernism	
LWP 2120	Realism to Modernism Literature & Culture	
Select three LWP courses 3000 or higher		9
Any LWP course 4000-4399		3
Total Hours		**18**

Writing Minor

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 in both fiction and nonfiction. The minor prepares students for careers in which written communication skills are essential for advancement.

Requirements

Code	Title	Hours
WRI-1100	Writing and Research	3
LWP-2100	Writing and Publishing	3
Select four of the following courses:		12
LWP-2200	Writing Poetry	
LWP 2300	Dramatic-Screenwriting	
LWP-2410	Advanced Fiction Writing	
LWP-2400	Writing Fiction	
LWP 2600-2699	Special Topics	
LWP-3010	Critical Writing and Analysis	
Total Hours		**18**

Creative Writing (Fiction), MFA

Requirements

Code	Title	Hours
WRI-7010	Introductory Residency	4
WRI-7210	Intro MFA Fiction Workshop & Practicum	4
WRI-7020	Intermediate Residency 2	4
WRI-7220	Interm MFA Fiction Workshop & Practicum	4
WRI-7030	Intermediate Residency 3	4
WRI-7230	Advanced MFA Fiction Wksp & Practicum	4
WRI-7040	Master Residency	4
WRI-7240	Thesis: MFA Fiction Wksp & Practicum	4
WRI-7900	MFA Thesis Residency	4
Total Hours		**36**

Creative Writing (Poetry), MFA

Requirements

Code	Title	Hours
WRI-7010	Introductory Residency	4
WRI-7310	Intro MFA Poetry Workshop & Practicum	4
WRI-7020	Intermediate Residency 2	4
WRI-7320	Intermediate MFA Poetry Wksp & Prac	4
WRI-7030	Intermediate Residency 3	4
WRI-7330	Advanced MFA Poetry Wksp & Practicum	4
WRI-7040	Master Residency	4
WRI-7340	Thesis: MFA Poetry Wksp & Practicum	4
WRI-7900	MFA Thesis Residency	4
Total Hours		**36**

Creative Writing (Screenwriting and Playwrighting), MFA

Requirements

Code	Title	Hours
WRI-7010	Introductory Residency	4
WRI-7410	Intro MFA Playwriting Workshop & Pract	4
WRI-7020	Intermediate Residency 2	4
WRI-7420	Interm: MFA Playwriting Wksp & Prac	4
WRI-7030	Intermediate Residency 3	4
WRI-7430	Advanced MFA Playwriting Wksp & Prac	4
WRI-7040	Master Residency	4
WRI-7440	Thesis MFA Playwriting Wksp & Prac	4
WRI-7900	MFA Thesis Residency	4
Total Hours		**36**

Management and Information Technology

Phone: 718.489.5459 and 718.489.5347

Mission of the Management and Information Technology Department

The Management and Information Technology Department offers three undergraduate majors – Entrepreneurship and Organizational Innovation, Management, and Information Technology -- and a graduate degree in Management with five concentrations. 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 students to discover the synergies that can be derived from each major's curriculum.

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 Entrepreneurship and Organizational Innovation, a Bachelor of Science (B.S.) degree in Management, a Bachelor of Science (B.S.) degree in

Information Technology, and a Master of Science (M.S.) in Management. Management majors are encouraged to select a concentration in one of the following areas: Business Analytics, International Business, or Marketing. Minors in Business, Business Analytics, Fashion Retail Management, Human Resource Management, International Business, Digital Marketing, Sports Management, Information Technology, Interactive Multimedia, and Entrepreneurship are also available.

Program Student Learning Outcomes:

Business Administration (A.A.S.)

- PLO 1: Apply the appropriate business processes, concepts, and methodologies to the relevant functional areas of business.
- PLO 2: Organize data and apply analytical methodologies to solve qualitative and quantitative problems in business.
- PLO 3: Demonstrate effective communication skills that result in the successful completion of team projects and tasks.
- PLO 4: Examine professional ethics considering legal, organizational, and societal responsibilities.

Computer Science (B.S.)

- PLO 1: Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.
- PLO 2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
- PLO 3: Apply computer science theory and software development fundamentals to produce computing-based solutions.
- PLO 4: Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
- PLO 5: Communicate effectively as a computer scientist in a variety of professional contexts.

Computer Science (M.S.)

- PLO 1: Analyze, design, and implement algorithmic solutions for computing problems using appropriate data structures.
- PLO 2: Design, implement, test, and evaluate software solutions using development tools to meet specified requirements, demonstrating analytical proficiency in programing languages and adhering to software engineering principles throughout the software development lifecycle.
- PLO 3: Demonstrate an understanding of computer organization, architecture, and the interaction between software and hardware components, and operating systems concepts.
- PLO 4: Evaluate the ethical, legal, security, and societal challenges in computing; formulate strategies grounded in professional codes of conduct; advocate for responsible computing practices.
- PLO 5: An ability to effectively communicate technical concepts in written and oral form with diverse audiences.

Entrepreneurship and Organizational Innovation (B.S.)

- PLO 1: Apply innovation to human resource policy, reward systems, business processes, marketing, and strategic decision making through the lens of social responsibility and diversity, equity, and inclusion practices.
- PLO 2: Analyze business and financial launch, growth, & exit strategies.
- PLO 3: Develop personal and interpersonal skills (entrepreneurial mindset) needed to be a successful 'entrepreneur' and 'intrapreneur'(corporate entrepreneur) across any context.
- PLO 4: Individually and/or collaboratively, argue persuasively for buy-in of innovative ideas or solutions with all-types of stakeholders.

Finance (B.S.)

- PLO 1: Explain the difference and connections between finance, accounting, and economics.
- PLO 2: Develop financial strategies to improve an institution's performance upon its evaluation.
- PLO 3: Describe the different functions of financial markets, instruments, institutions, and regulatory agencies.
- PLO 4: Demonstrate quantitative and analytical skills in finance.
- PLO 5: Demonstrate the ability for teamwork, effective communication, and leadership needed to succeed in finance and related industries.
- PLO 6: Explain the value of diversity, equity, inclusion, and environmental sustainability in finance.

Information Technology (B.S.)

- PLO 1: Apply the appropriate information technology processes, concepts, and methodologies in functional areas of business.
- PLO 2: Organize data to apply analytical methodologies to solve qualitative and quantitative problems related to information technology.
- PLO 3: Communicate effectively to work collaboratively to complete projects or tasks.
- PLO 4: Examine professional ethics considering legal, organizational, and social responsibilities.

Information Technology (M.S.)

- PLO 1: Analyze a problem to identify and define the computing requirements appropriate to its solution.
- PLO 2: Apply standard, professionally recognized design, implementation, and evaluation techniques to assess a computer-based system, process, component, or program's potential to meet desired needs.
- PLO 3: Examine professional, ethical, legal, and societal responsibilities.
- PLO 4: Communicate effectively with a range of audiences.
- PLO 5: Analyze the local and global impact of computing on individuals, organizations, and society.

Management (B.S.)

Shared by all concentrations:

- PLO 1: Apply the appropriate business processes, concepts, and methodologies.
- PLO 2: Organize data to apply analytical methodologies to solve qualitative and quantitative problems in business.
- PLO 3: Communicate effectively in teams to complete projects and tasks.
- PLO 4: Examine professional ethics in light of legal, organizational, and societal responsibilities.

Business Analytics Concentration:

- PLO 5: Select relevant data to accelerate growth and increase business efficiency and productivity.

International Business Concentration:

- PLO 5: Apply evidence-based solutions to international business problems or opportunities.

Marketing Concentration:

- PLO 5: Outline Marketing Best Practices to Achieve Organizational Goals.

Management (M.S.)

The Master of Science (MS) in Management is a 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 operates in the fall, spring, and summer semesters, using 7-week terms.

The MS in Management program offers a 21-credit core and seven 12-credit concentrations:

- Business Analytics
- Business Management
- Digital Marketing
- Health Care Management
- Information Technology
- Project Management
- Social Innovation and Entrepreneurship

Program Learning Student Outcomes:

- PLO 1: Demonstrate an understanding of, and evaluate the appropriate use of management processes, concepts, and methodologies.
- PLO 2: Examine professional ethics in light of legal, organizational, and societal responsibilities. Integrate ethical thinking into all aspects of decision making.
- PLO 3: Discuss the significant influences of management in personal, organizational, and societal contexts while articulating the challenges and benefits of managing business activities in a global and diverse world.
- PLO 4: Communicate effectively in written and oral form with a range of audiences to present ideas, decisions, and recommendations on business issues.

Business Analytics Concentration:

- PLO 5: Employ advanced knowledge including methods, technology, skills, and values in their fields to critically interpret and utilize information.

Business Management Concentration:

- PLO 5: Apply core management terms, concepts, and processes. Explain how management integrates functional areas of business organizationally and creates values for customers while adding competitive advantage for organizations.

Digital Marketing Concentration:

- PLO 5: Apply core marketing terms, concepts, and processes. Explain how digital marketing creates value for customers while adding competitive advantage for organizations.

Health Care Concentration:

- PLO 5: Apply core health care management terms, concepts, and processes. Explain how management integrates functional areas of health care organizationally and creates value for customers while adding competitive advantage for organizations.

Information Technology Concentration:

- PLO 5: Apply core information technology terms, concepts, and processes. Explain how information technology integrates cross-functional teams organizationally and creates value for customers while adding competitive advantage for organizations.

Project Management Concentration:

- PLO 5: Apply core project management terms, concepts, and processes. Explain how project management integrates cross-functional teams organizationally and creates value for customers while adding competitive advantage for organizations.

Social Innovation & Entrepreneurship Concentration:

- PLO 5: Apply core entrepreneurship terms, concepts, and processes. Explain how management integrates functional areas of social impact business organizationally and creates value for customers and society while adding competitive advantage for organizations.

Programs

- Business Administration, AAS (p. 97)
- Business Analytics Minor (https://catalog.sfc.edu/catalogue/programs/management-information-technology/business-analytics-minor/)
- Business Minor (p. 103)
- Computer Science, BS (https://catalog.sfc.edu/catalogue/programs/management-information-technology/computer-science-bs/)
- Computer Science, MS (https://catalog.sfc.edu/catalogue/programs/management-information-technology/computer-science-ms/)
- Digital Marketing Minor (https://catalog.sfc.edu/catalogue/programs/management-information-technology/digital-marketing-minor/)
- Entrepreneurship, BS (https://catalog.sfc.edu/catalogue/programs/management-information-technology/entrepreneurship-bs/)
- Finance, BS (https://catalog.sfc.edu/catalogue/programs/management-information-technology/finance-ba/)
- Human Resources Minor (https://catalog.sfc.edu/catalogue/programs/management-information-technology/human-resources-minor/)
- Information Technology Minor (p. 103)
- Information Technology, BS (p. 98)
- Information Technology, MS (https://catalog.sfc.edu/catalogue/programs/management-information-technology/information-technology-ms/)
- Interactive Multimedia Minor (p. 103)
- International Business Minor (https://catalog.sfc.edu/catalogue/programs/management-information-technology/international-business-minor/)

- Management (Business Analytics), MS (https://catalog.sfc.edu/catalogue/programs/management-information-technology/management-businss-analytics-ms/)
- Management (Business Management), MS (p. 101)
- Management (Digital Marketing), MS (p. 102)
- Management (Health Care Management), MS (p. 102)
- Management (Information Technology), MS (https://catalog.sfc.edu/catalogue/programs/management-information-technology/management-information-technology-ms/)
- Management (Project Management), MS (p. 103)
- Management (Social Innovation & Entrepreneurship), MS (p. 103)
- Management, B.S. — Concentration in Business Analytics (https://catalog.sfc.edu/catalogue/programs/management-information-technology/management-bs-concentration-business-analytics/)
- Management, B.S. — Concentration in International Business (https://catalog.sfc.edu/catalogue/programs/management-information-technology/management-bs-concentration-international-business/)
- Management, B.S. — Concentration in Marketing (https://catalog.sfc.edu/catalogue/programs/management-information-technology/management-bs-concentration-marketing/)
- Management, BS (p. 99)
- Project Management Minor (p. 104)
- Sports Management Minor (p. 104)

Faculty

Chairperson

Keith Hoell

Professors

Anderson
Klein

Associate Professors

Pashkevich
Segares

Assistant Professors

Hoell
Jordan
Lichoro
Okumakpeyi
Schroeder
Vazzana
Xia

Professor Emeritus

Dilyard
Gomori

Adjuncts

Ahmed
Amachki
Bergen
Blount
Brown
Cellini
Charandabi
Coleman
D'Esposito
Diodato
Edington
Giardino
Izadpanahjahromi
Jean-Toussaint
Jordan
Khan
MacIntyre
Makabali
McCabe
Miller-Greaves
Nurse
Obando
Oliva
Ouellette
Paguaga
Phillips-Almeida
Robertson
Rousseau
Tamparo
Tully
Versland
Weisman
Westcott

Business Administration, AAS

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.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 and OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
IT-1001	Computer Tools	
Creative Voices across Cultures (HCE)		3
Science at Work (NPW)		3-5
Ethics, Reality and Logic (PEM)		3
Individual and Societies (SEH)		3
ECO-1201	Principles of Macroeconomics	
Our World, Past and Present (WHG)		3
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Business Administration Major		
ACC-1001	Introduction to Accounting	3
BL-2101	Business Law I	3
BUS-1001	Organization and Management	3
ECO-2202	Principles of Microeconomics	3
ENT-1001	Introduction to Entrepreneurship	3
FIN-2001	E-Finance	3
FIN-3316	Personal Finance	3
HR-2204	Human Resources Management	3
MKT-2201	Introduction to Marketing	3
Any BAN, BUS, ENT, or HR 2000 level or higher course		3
Total Hours		**63-67**

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Information Technology, BS

The Information Technology major prepares future managers and analysts to use information technology to help people and organizations perform more efficiently and effectively. As information technology spreads throughout an organization's structure, information managers interact with all the components of an organization. The IT major prepares students with the skills needed to analyze a range of organizational problems and provides them with knowledge of applications of computer and information technology. In consultation with their advisors, students are encouraged to use their elective courses to select an application track in a discipline that relies heavily on information technology. These tracks include business and management, biology, health care management, education, and nursing. IT majors are encouraged to select a concentration in one of the following areas: Business, Financial Management, International Business or Marketing. Minors in Business, Entrepreneurship, Interactive Multimedia, Project Management or Sports Management or Project Management or Entrepreneurship are also available.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WR1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra	
Information Literarcy, Media and Research (ITML)		3
IT-1001	Computer Tools	
Creative Voices Across Cultures (HCE)		6
ENT-1777	Design Thinking and Innovation	
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
BUS-2004	Corporate Social Responsibility in Film Career	
Individuals and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ENT-1001	Introduction to Entrepreneurship	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
HS-1001	Health Issues	
Religion and Culture (RS)		3
Information Technology Major		
BUS-1001	Organization and Management	3
IT-1102	Multimedia Design	3
IT-1103	Computer-Based Information Systems	3
IT-1104	Programming I	3
IT-2201	Telecommunications and Networking	3
IT-2410	Web Design	3
IT-2510	Database Management Systems	3
IT-3101	Information Technology Law and Ethics	3
IT-3301	Project Management	3
IT-3310	Systems Analysis and Design	3
IT-3410	E-Commerce Integration	3
Select SIX IT or PM courses		18
IT-4998	Capstone Project	4
Liberal Arts (p. 15) [2]		18
Total Hours		**121-127**

[1] Must pass IT-4998 Capstone Project with a B or better.

[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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Management, BS

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, project management 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 BUS-4998 Capstone Business Policies with a 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.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
MAT-1105	College Algebra	
Information Literacy, Media, and Research (ITML)		3
IT-1001	Computer Tools	
Creative Voices Across Cultures (HCE)		6
ENT-1777	Design Thinking and Innovation	
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
ECO-1201	Principles of Macroeconomics	
ENT-1001	Introduction to Entrepreneurship	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
HS-1001	Health Issues	
Religion and Culture (RS)		3
Management Major		
ACC-1101	Elementary Accounting I	4
BAN-2301	Spreadsheet Analytics	3
BAN-3301	Descriptive Analytics and Visualization	3
BL-2101	Business Law I	3
BUS-1001	Organization and Management	3
BUS-2001	Global Business	3
BUS-4998	Capstone Business Policies	3
ECO-2202	Principles of Microeconomics	3
ECO-2306	Money and Banking	3
FIN-3301	Principles of Finance	3
HR-2204	Human Resources Management	3
IT-1103	Computer-Based Information Systems	3
IT-3301	Project Management	3
MKT-2201	Introduction to Marketing	3
PSC-2502	Government and Business	3
MGT Electives		
Complete three 2000 level courses from BUS, BAN, ENT, FIN, HR, MKT or any ACC course		9
Liberal Arts Electives		9
General Electives		9
Total Hours		**121-127**

Must pass BUS-4998 Capstone Business Policies *with B or better.*

[1] Except ECO-3331 Principles of Finance/FIN-3301 Principles of Finance.
[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 here (p. 15).
[3] The Department strongly recommends courses in BAN, BUS, ENT, IT, HR, MKT, PM or SPM.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and

empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Management (Business Management), MS

Requirements

Code	Title	Hours
ACC-6650	Financial Accounting for Managers	3
BAN-6001	Business Analysis for Managers	3
FIN-6001	Corporate Finance	3
IT-6001	Information Systems for Managers	3
MGT-6001	Organization and Strategy	3
MGT-6002	Special Topics in Organizational Mgmt	3
MGT-6003	Org'l Development and Change Mgmt	3
MGT-6998	Capstone Project	3
MKT-6001	Marketing for Managers	3
PM-6000	Fundamentals of Project Management	3
PM-6030	Optimizing Project Management Teams	3
Total Hours		**33**

Management (Digital Marketing), MS

Code	Title	Hours
ACC-6650	Financial Accounting for Managers	3
BAN-6001	Business Analysis for Managers	3
FIN-6001	Corporate Finance	3
IT-6001	Information Systems for Managers	3
MGT-6001	Organization and Strategy	3
MGT-6998	Capstone Project	3
MKT-6001	Marketing for Managers	3
MKT-6002	Digital Marketing	3
MKT-6003	Digital Brand Management	3
One 6000 level	Special Topics in Digital Marketing course	3
MKT-6317	Consumer Behavior	3
Total Hours		**33**

Management (Health Care Management), MS

Requirements

Code	Title	Hours
ACC-6650	Financial Accounting for Managers	3
BAN-6001	Business Analysis for Managers	3
FIN-6001	Corporate Finance	3
HC-6001	U.S. Health Care Delivery and Markets	3
HC-6002	Leadership and Innovation in Health Care	3
HC-6003	Health Care Finance and Reimbursement	3
HC-6004	Special Topics in Health Care Management	3
IT-6001	Information Systems for Managers	3
MGT-6001	Organization and Strategy	3
MGT-6998	Capstone Project	3
MKT-6001	Marketing for Managers	3
Total Hours		**33**

Management (Project Management), MS

Code	Title	Hours
ACC-6650	Financial Accounting for Managers	3
BAN-6001	Business Analysis for Managers	3
FIN-6001	Corporate Finance	3
IT-6001	Information Systems for Managers	3
MGT-6001	Organization and Strategy	3
MGT-6998	Capstone Project	3
MKT-6001	Marketing for Managers	3
PM-6000	Fundamentals of Project Management	3
PM-6010	Project Risk Management	3
PM-6020	Finance for Project Mgrs	3
PM-6030	Optimizing Project Management Teams	3
Total Hours		**33**

Management (Social Innovation & Entrepreneurship), MS

Code	Title	Hours
ACC-6650	Financial Accounting for Managers	3
BAN-6001	Business Analysis for Managers	3
ENT-6770	Foundation of Social Innovation & Entrep	3
ENT-6771	Social Change Thru Impact	3
ENT-6772	Soc Change: Impact & Mission Drive Bus	3
One 6000 level Special Topics in Social Innovation & Entrepreneurship course		3
FIN-6001	Corporate Finance	3
IT-6001	Information Systems for Managers	3
MGT-6001	Organization and Strategy	3
MGT-6998	Capstone Project	3
MKT-6001	Marketing for Managers	3
Total Hours		**33**

Business Minor

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.***

Requirements

Code	Title	Hours
Select ONE of the following courses:		3
BUS-1001	Organization and Management	
ENT-1001	Introduction to Entrepreneurship	
ECO-1201	Principles of Macroeconomics	3
FIN-2001	E-Finance	3
HR-2204	Human Resources Management	3
MKT-2201	Introduction to Marketing	3
Total Hours		**15**

Fashion and Retail Management Minor

Code	Title	Hours
BUS-1771	Intro to Fashion and Retail Management	3
MKT-3316	Fashion and Retail Merchandising	3
Select any three courses		9
BAN-3310	Production and Operations Management	
BUS-2001	Global Business	
BUS-2772	Fashion Product Development and Sourcing	
BUS-4001	Special Topics in Business (Fashion or Retail courses only)	
BUS-4990	Internship in Business	
IT-3410	E-Commerce Integration	
MKT-3777	Intro to Brand Management	
Total Hours		**15**

Information Technology Minor

The minor in Information Technology provides students with skills necessary to function productively in today's connected workplace environments. The focus is on the role of information technology in the contemporary organization and their applications to real-world problems. ***At least three of the courses in a minor must be taken as elective requirements outside of the major requirements.***

Requirements

Code	Title	Hours
IT-1001	Computer Tools	3
IT-1103	Computer-Based Information Systems	3
IT-1104	Programming I	3
Select two IT courses 2000 or higher		6
Total Hours		**15**

Interactive Multimedia Minor

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 2028.

The courses proposed for the Interactive Multimedia minor have a significant hands-on component to learning and emphasize concepts 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.***

Requirements

Code	Title	Hours
IT-1102	Multimedia Design	3
IT-2410	Web Design	3
Select three of the following courses:		9
IT-1002	App Design & Development in the Humanities	
IT-1106	Introduction to App Development for Mobile Devices	
IT-2440	Scripting Languages	
IT-2445	Digital Video	
IT-2450	Digital Imaging	
IT-3400	HTML & CSS for Web Design	
Total Hours		**15**

Project Management Minor

Businesses of all sizes rely on the expertise of project teams to accomplish their goals. Entrepreneurial enterprises as well as complex global businesses 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 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.***

Requirements

Code	Title	Hours
IT-1001	Computer Tools	3
IT-3301	Project Management	3
PM-4010	Project Risk Management	3
PM-4020	Finance for Project Managers	3
PM-4030	Optimizing Project Management Teams	3
Total Hours		**15**

Sports Management Minor

Today's sports organizations 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 sports-related opportunities in television, newspapers and radio. Students will learn skills 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.***

Requirements

Code	Title	Hours
BUS-1001	Organization and Management	3
SPM-1001	Introduction to Sports Management	3
Select two of the following courses		6
MKT-2201	Introduction to Marketing	
SPM-2050	Facility and Event Management	
SPM-2070	Organization Theory in Sport Management	
SPM-2080	Sports and the Law	
SPM Elective		
Or any TWO courses from subjects BAN, BUS, ENT, FIN, HR, MKT or PM 2000 level or higher		6
Total Hours		**18**

Mathematics

Phone: 718.489.5397

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 strives to promote academic excellence in mathematics and in related fields. It 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.

Program Student Learning Outcomes:

- PLO 1: Demonstrate proficiency with the techniques and applications of single and multivariate calculus. In particular, students will be able to find limits, derivatives, and integrals of various functions.
- PLO 2: Solve first order differential equations and higher order linear differential equations.
- PLO 3: Understand and write mathematical proofs, producing arguments that are logically and mathematically correct.
- PLO 4: Use probability and statistics to find the likelihood of events and to find the mean and standards deviation of various probability distributions.
- PLO 5: Use matrices to solve systems of linear equations and to study vector spaces and linear transformations.
- PLO 6: Understand, identify, and prove facts about algebraic structures, such as groups, rings, and fields.

Programs

- Mathematics Minor (p. 107)
- Mathematics, BS (p. 106)

Faculty

Chairperson

Dr. Erez Shochat

Professor

Paliogiannis

Associate Professor

Shochat

Assistant Professor

Ciungu
Kyriakou

Lecturer

Bam
Malijan

Professor Emeritus

Andres

Adjuncts

Cadet
Kaganovskiy
Norasteh
Ramos
Seaton
Zheng

Mathematics, BS

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 Algebra and Trigonometry for Science Majors and MAT-2202 Calculus I.

Requirements

Code	Title	Hours
General Education Program		
Understanding College FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices Across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individuals and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Mathematics Major		
Select either Group A or Group B [1]		6
Group A - Select two foreign language courses in sequence		
Group B - Select two IT courses in sequence		
MAT-2202	Calculus I	4
MAT-2203	Calculus II	4
MAT-3304	Calculus III	4
MAT-3312	Linear Algebra	4
MAT-3401	Differential Equations I	3
MAT-4403	Advanced Calculus I	4
MAT-4404	Advanced Calculus II	4
MAT-4409	Modern Algebra	3
MAT-4415	Probability Theory	3
Select two MAT 2000-4000 level MAT courses		6
MAT-4418	Senior Seminar [2]	3
PHY-2001	General Physics I	3
PHY-2001L	General Physics I Laboratory	1
General electives		24
Total Hours		**124-130**

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

[2] The successful presentation and completion of a set of comprehensive problems during the senior mathematics seminar (MAT-4418 Senior Seminar) 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.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Mathematics Minor

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

Requirements

Code	Title	Hours
MAT-2202	Calculus I	4
MAT-2203	Calculus II	4
MAT-3304	Calculus III	4
MAT-3312	Linear Algebra	4
Select two of the following courses:		6
MAT-2309	College Geometry	
MAT-3401	Differential Equations I	
MAT-3406	Theory of Numbers	
MAT-4403	Advanced Calculus I	
MAT-4409	Modern Algebra	
MAT-4413	Advanced Linear Algebra	
MAT-4415	Probability Theory	
Total Hours		**22**

Nursing

Phone: 718.489.5497

Department Mission

The St. Francis College (SFC) Department of Nursing educates leaders who are prepared to practice safely within the technologically advanced and dynamic health care environment of the 21st century. SFC nursing graduates, in keeping with the Franciscan values, are educated to be globally minded, service-driven professionals, delivering the highest quality of evidence-based nursing care with respect to the diversity within our communities of interest. The St. Francis College undergraduate nursing program fosters students' abilities in therapeutic communication, critical thinking, clinical judgment, interprofessional collaboration, leadership, and cultural competency.

Accreditation Statement

The baccalaureate degree program in nursing at St. Francis College is accredited by the Commission on Collegiate Nursing Education, 655 K Street NW, Suite 750, Washington, DC 20001, 202-887-6791.

Nursing Program Learning Outcomes (PLOs)

In accordance with the mission of the Department of Nursing and the undergraduate program goals and the nine essentials from the Executive Summary of AACN Essentials of Baccalaureate Education for Professional Nursing Practice *(2008)*, the baccalaureate curriculum for both the pre-licensure students and registered nurse students provides educational opportunities that enable the graduate to successfully complete the program and:

PLO 1: Apply knowledge from the arts and sciences to the care of individuals and families throughout the health-illness continuum.

PLO 2: Apply knowledge and skills in leadership, quality improvement, and patient safety to provide quality health care.

PLO 3: Translate current evidence into clinical decision making and professional nursing care.

PLO 4: Utilize technology and informatics appropriately in professional nursing settings.

PLO 5: Apply knowledge of health care policy, finance, and regulatory environments both directly and indirectly to influence the function of the health care system.

PLO 6: Collaborate and communicate effectively among health professionals to promote quality and safe patient care in a variety of health care settings.

PLO 7: Apply health promotion and disease prevention at the individual and population level to improve health.

PLO 8: Demonstrate autonomy, integrity, self-assessment, and social justice as part of developing the professional nursing role.

PLO 9: Provide culturally competent nursing care to individuals, families, groups, communities, and populations across the lifespan across a variety of health care environments.

Programs

Major in Nursing

The department of Nursing offers two tracks to a baccalaureate degree:

- A four-year, full-time pre-licensure track that prepares students to sit for the National Council Licensure Examination (NCLEX-RN® exam).
- A flexible RN to BS track created specifically for practicing Registered Nurses. This track is open only to qualified transfer students with a valid New York State RN license.

Estimated Completion Time

The pre-licensure track is a full-time day track with a 4-year estimated completion time. The RN to BS track may be taken either full-time or part-time. Length of completion time for either track varies from student to student.

- Pre-Licensure Track (p. 110)
- RN to BS Track (p. 112)

Faculty

Chairperson

Dr. Mary Kate Kasler

Assistant Professors

Balkon
Birthwright
Kasler

Clinical Assistant Professors

D'Antuono
Sweeny

Clinical Lecturer

Day
Remy

Full-Time Administrators

Boyd, Director of Nursing Academic Success
Maresca, Clinical Placement Coordinator
McMahon, Simulation Education Manager

Full-Time Staff

Byrd

Adjunct Professors

Akinduyi
Alexis
Bramble
Britanico
Canjura
De La O-Legeros
Harmon
Heraldo Merchan
Heyward
Manning
Memminger

Noicely
Rucker
Serrano
Straker
Wilkins

Pre-Licensure Track

Overview

The Department of Nursing offers a traditional four-year baccalaureate pre-licensure track designed to equip students with a comprehensive nursing education. This track emphasizes the application of nursing theory, health promotion and management of physiological adaptation. The integration of theoretical and empirical knowledge from both nursing and the liberal arts and sciences builds a solid foundation for professional nursing practice. The traditional four-year baccalaureate pre-licensure track fosters critical thinking and decision-making skills, and the development of leadership abilities suitable for entry-level professional practice.

The focus of this traditional four-year baccalaureate pre-licensure track is to provide students with a professional nursing education that inspires a spirit of inquiry and a commitment to lifelong learning and reflective practice.

Pre-licensure Track Admission Requirements

Freshmen (Fall Entry)

To be considered for direct entry into the pre-licensure track, students must meet the following criteria:

- SAT: 1050 or higher (super score) or ACT: 21 or higher
- Cumulative high school GPA of 85 (3.0) or higher

Freshmen Transfer Students (Spring Entry)

The Department of Nursing will consider students who have completed their first semester of college and would like to transfer in the spring semester. To become a candidate for direct entry into the Nursing Program for spring entry, students must meet the following criteria:

- SAT: 1050 or higher (super score) or ACT: 21 or higher
- Cumulative college GPA of 3.0 or higher
- Must earn a grade of "C" or higher in BIO-1140, BIO-1141 and MAT-1105 prior to the fall semester

Transfer Students (Fall Entry)

To become a candidate for entry into the Nursing Program for the Fall semester, transfer students must meet the following minimum criteria:

- SAT: 1050 or higher (super score) or ACT: 21 or higher*
- Cumulative college GPA of 3.0 or higher
- Grade of C or higher in all required math and science classes:

o BIO-1140 (Anatomy & Physiology I)
o BIO-1141 (Anatomy & Physiology II)
o MAT-1105 (College Algebra)

- At least 29 credits toward General Education Program requirements
- Students will also be required to pass the following courses with a grade of C or higher upon entry in the Fall semester, if they have not already successfully completed these courses:

  o MAT-2301 (Statistics)
  o CHE-1105 (Chemistry for the Health Sciences)
  o BIO-3300 (Microbiology)

Transfer Students (Spring Entry)

To become a candidate for entry into the Nursing Program for the Spring semester, students must meet the following criteria:

- SAT: 1050 or higher (super score) or ACT: 21 or higher*
- Cumulative college GPA of 3.0 or higher
- Grade of C or higher in all required math and science classes:
  - BIO-1140 (Anatomy & Physiology I)
  - BIO-1141 (Anatomy & Physiology II)
  - MAT-1105 (College Algebra)
  - MAT-2301 (Statistics)
  - CHE-1105 (Chemistry for the Health Sciences)
  - BIO-3300 (Microbiology)
- At least 35 credits toward General Education Program requirements

***Exception:** The Department of Nursing will consider transfer students who do not meet the standardized test score requirement but have a transfer GPA of 3.5 or higher and meet all other requirements.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		4
MAT-1105	College Algebra	
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		8
BIO-1140	Anatomy and Physiology 1	
BIO-1140L	Anatomy and Physiology 1 Laboratory	
BIO-1141	Anatomy and Physiology 2	
BIO-1141L	Anatomy and Physiology 2 Laboratory	
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
SOC-1000	Principles of Sociology	
PSY-1108	Life-Span Development	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
REL-1101	Survey of the World's Religions	
Nursing Major		
NUR-2221	Introduction to Nursing Therapeutic Skills	3
NUR-3001	Nursing Informatics	3
NUR-3311	Introduction to Geriatric Nursing	3
NUR-3323	Physical Assessment	4
NUR-3334	Nursing Care of the Adult-Lecture	5
NUR-3335	Nursing Care of the Adult-Clinical	3
NUR-3336	Nursing Pathophysiology	3
NUR-3423	Leadership and Management	3
NUR-3450	Nursing Pharmacology	3
NUR-3501	Nursing Seminar I	1
NUR-4423	Community Health Nursing (clinical)	4
NUR-4424	Community Health Nursing (lecture)	3
NUR-4440	Critical Care Medical Surgical Nursing Lecture	4

NUR-4444	End of Life Care	3
NUR-4446	Psychiatric Nursing	3
NUR-4446C	Clinical: Psychiatric Nursing	2
NUR-4447	Nursing Care of Child & Family Clinical	3
NUR-4448	Nursing Care of Child & Family Lecture	4
NUR-4449	Critical Care Medical Surgical Nursing Clinical	4
NUR-4502	Nursing Seminar II	1
NUR-4600	Nursing Research	3
MAT-2301	Statistics	3
BIO-3300	Microbiology	3
BIO-3300L	Microbiology Laboratory	1
CHE-1105	Chemistry for Health Sciences	3
CHE-1105L	Chemistry for Health Science Laboratory	1
Total Hours		**127-128**

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

RN to BS Track

This track offers a Bachelor of Science degree with a major in nursing to registered nurse candidates who complete the requirements listed. This track 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 RN to BS track is designed for nurses who wish to remain employed while continuing their education. Therefore, courses will be offered during the day and evening whenever possible. Students who wish to attend during the day may do so. Students interested in completing the Nursing program on a part-time basis are advised that they must complete a minimum of 12 credits per year, which may include credits taking during the summer sessions. The program must be completed within a five-year period.

RN to BS Track Admissions Requirements

The RN to B.S. Track is offered to licensed registered nursing candidates with a valid New York State registered nurse (RN) license. Registered nurse candidates must show evidence of current employment as a registered nurse. Once a student is accepted into the RN to BS Track, their transcript 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 (CGFCNS) will be awarded 25 credits in nursing upon submission of the CGFNS certificate.

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

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information, Technology & Media Literacy (ITML)		3
IT-1001	Computer Tools	
Creative Voices across Cultures (HCE)		3
Science at Work (NPW)		4
CHE-1105	Chemistry for Health Sciences	
CHE-1105L	Chemistry for Health Science Laboratory	
Ethics, Reality and Logic (PEM)		3
Individual and Societies (SEH)		3
PSY-1100	General Psychology	
Our World, Past and Present (WHG)		3
Personal Wellness (FH)		2-3
HS-1001	Health Issues	
Religion and Culture (RS)		3
Nursing Major		
Nursing credits transferred		25
NUR-3001	Nursing Informatics	3
NUR-3311	Introduction to Geriatric Nursing	3
NUR-3321	Physical Assessment	4
NUR-3336	Nursing Pathophysiology	3
NUR-3423	Leadership and Management	3
NUR-3501	Nursing Seminar I [1]	1
NUR-4323	Professional Nursing Bridge (Clinical)	4
NUR-4324	Professional Nursing Bridge (Lecture)	3
NUR-4421	Community/Public Health (Clinical)	4
NUR-4422	Community/Public Health (Lecture)	3
NUR-4444	End of Life Care	3
NUR-4502	Nursing Seminar II	1
NUR-4600	Nursing Research	3
BIO-1140	Anatomy and Physiology 1	3
BIO-1140L	Anatomy and Physiology 1 Laboratory	1
BIO-1141	Anatomy and Physiology 2	3
BIO-1141L	Anatomy and Physiology 2 Laboratory	1
BIO-3300	Microbiology	3
BIO-3300L	Microbiology Laboratory	1
BIO-4450	Pharmacology	3
MAT-2301	Statistics	3
WRI-1500	Advanced Composition	3
Liberal Arts (p. 15) [2]		12
Total Hours		**130-132**

[1] The successful completion of NUR-3501 Nursing Seminar I and NUR-4502 Nursing Seminar II 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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the

liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we “educate the whole person for a full, relational life.” This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Philosophy and Religious Studies

Phone: 718.489.5229

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.

Program Student Learning Outcomes

PLO 1: Formulate an understanding of the nature, purpose and importance of the philosophical enterprise in writing and thereby engage personally in the activity of philosophizing.

PLO 2: Demonstrate respect both for reason as a defining feature of living as well as for truth and its pursuit.

PLO 3: Demonstrate critical thinking when considering issues in depth, when relating parts and wholes, when examining and assessing influential positions, when understanding the world of others, and when formulating principles for responsible actions.

PLO 4: Discuss major philosophical questions, which are none other than the fundamental questions confronting human beings as such, through the study of the views of philosophers belonging to many traditions.

PLO 5: Formulate understanding of primary texts from the history of philosophy, and the derived nourishment from them for one's own being.

Mission of the Religious Studies Major

Religious Studies trains students to examine critically the data of religious beliefs and practices 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 as well as constructive inquiry into religious ideas and their meaning through the study of religious thought and of ethics with an emphasis on contemporary issues.

Program Student Learning Outcomes

PLO 1: Demonstrate a substantive knowledge of religious traditions and a critical understanding of the enterprise of the study of religion.

PLO 2: Compare the basic themes of religion and look at issues in the light of evidence and reasonable reflection.

PLO 3: Achieve competence in his or her area of concentration in an overall program of study designed in consultation with the faculty.

PLO 4: Develop a spirit of positive engagement with religions other than their own through class work, research and site visits.

Programs

- Philosophy Minor (p. 117)
- Philosophy, BA (p. 115)
- Religious Studies Minor (p. 117)
- Religious Studies, BA (p. 116)

Faculty Chairperson

Dr. Clayton Shoppa

Professor

Edwards

Associate Professors

Falkenstern
Labendz
Shoppa

Lecturers

Freeman
Garrera-Tobert

Professors Emeriti

Berman
Galgan
Pedersen
Udoff

Adjuncts

Delescu
Jove
Keskin-Saglam
LaForge
Mixon
Warden

Philosophy, BA

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 its 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, Women's and Gender Studies, American Studies or Communication Arts.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Take a 1000 Level PHI course [1]		
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culutre (RS)		3
Philosophy Major		
Select two foreign language courses in sequence		6
Select two History [HIS] courses		6
PHI-2431	Ancient Greek Philosophy	3
PHI-2441	Early Modern Philosophy	3
PHI-3318	19th-Century Philosophy	3
Select one of the following courses:		3
PHI-2211	Existentialism	
PHI-3442	Twentieth-Century Philosophy	
Select one of the following courses:		3
PHI-2341	Authority and Law	
PHI-2403	The Good Life	
PHI-2404	Political Philosophy	
Select one of the following courses:		3
PHI-2237	Theory of Being	
PHI-3333	Philosophical Theology	
PHI-3432	Medieval Philosophy	
Select four 2000 or higher level PHI courses		12
Liberal Arts (p. 15) [2]		6
General electives		24
Total Hours		**120-126**

[1] It is strongly recommended that PHI courses be taken in sequence: 1000-level, then 2000-level, then 3000-level or 4000-level. Thus, students are encouraged to take a 2000-level PHI course before taking a 3000 or 4000-level PHI course. PHI 4995, however, requires on 2000-level PHI course and Chairperson's approval.

[2] Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see here (p. 15).

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 particular areas, courses, or philosophers that the student 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 or lecturer who wishes, will take part in administering this examination.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Religious Studies, BA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		3
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
REL-1101	Survey of the World's Religions	
Religious Studies Major		
Select two foreign language courses in sequence [1]		6
Select one of the following courses:		3
REL-1301	Introduction to Hebrew Bible	
REL-1302	Introduction to the New Testament	
Select two of the following courses:		6
REL-1201	The Christian Tradition	
REL-1202	Judaism	
REL-1203	Islam	
REL-1206	Buddhism	
REL-3701	Approaches to the Study of Religion	3
REL-4991	Thesis Direction	3
Select six REL courses		18
Select six HIS, ICS, PSC, PSY, or SOC courses, any combination relevant to student's concentration		18
General electives		18
Total Hours		**120-126**

[1] Student must elect 6 credits or demonstrate the equivalent ability in one language.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Philosophy Minor

The minor consists of any 15 PHI credits, allowing students to tailor their own program by selecting 5 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 as read historical and contemporary texts addressing these issues. Analytical writing and critical thinking skills gained through philosophy will serve them well in any career or area of graduate study, including health care, law, the sciences, business, psychology, English, education, and communications.

Requirements

Code	Title	Hours
Select five of the following courses:		15
PHI-1101	Basic Problems in Philosophy	
PHI-1114	Logic and Argumentation	
PHI-2201	Human Nature	
PHI-2203	Theories of Knowledge	
PHI-2204	Utilitarianism	
PHI-2205	Happiness and Pleasure	
PHI-2210	Descartes	
PHI-2211	Existentialism	
PHI-2212	Latin American Philosophy	
PHI-2237	Theory of Being	
PHI-2310	American Philosophy	
PHI-2316	Art and Aesthetics	
PHI-2341	Authority and Law	
PHI-2342	Business Ethics	
PHI-2343	Philosophy of Sport	
PHI-2344	Philosophy and the Nature World Ethical Perspectives	
PHI-2403	The Good Life	
PHI-2404	Political Philosophy	
PHI-2431	Ancient Greek Philosophy	
PHI-2441	Early Modern Philosophy	
PHI-2502	Medical Ethics	
PHI-3312	Gender and Philosophy	
PHI-3315	Meaning of History	
PHI-3317	Renaissance Philosophy	
PHI-3318	19th-Century Philosophy	
PHI-3319	Philosophy and Literature	
PHI-3326	Philosophy of Science	
PHI-3333	Philosophical Theology	
PHI-3432	Medieval Philosophy	
PHI-3442	Twentieth-Century Philosophy	
PHI-4000	Special Topics in Philosophy (Special Topics in Philosophy)	
PHI-4995	Independent Study in Philosophy	
Total Hours		**15**

Religious Studies Minor

The minor consists of two required courses and three elective Religious Studies courses for a total of 15 credits.

Requirements

Code	Title	Hours
REL-1101	Survey of the World's Religions	3
Select one of the following courses		3
REL-1301	Introduction to Hebrew Bible	
or REL-1302	Introduction to the New Testament	
Select three REL courses		9
Total Hours		**15**

Pre-Health Professions Pathways

Phone: 718.489.5495

The pre-health professions pathways 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:

- Pre-Podiatry (p. 81)
- Radiologic Sciences (p. 84)

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:

Code	Title	Hours
Any ENG course 2100 or higher		
BIO-1201	General Biology 1	3
BIO-1201L	General Biology 1 Laboratory	2
BIO-1202	General Biology 2	3
BIO-1202L	General Biology 2 Laboratory	2
CHE-1201	General Chemistry I	4
CHE-1201L	General Chemistry I Lab	1
CHE-1202	General Chemistry II	4
CHE-1202L	General Chemistry II Lab	1
CHE-2101	Organic Chemistry I	4
CHE-2101L	Organic Chemistry I Laboratory	1
CHE-2102	Organic Chemistry II	4
CHE-2102L	Organic Chemistry II Laboratory	1
CHE-3001	Biochemistry	3
CHE-3001L	Biochemistry Laboratory	1
MAT-2202	Calculus I	4
MAT-2301	Statistics	3
PHY-2001	General Physics I	3
PHY-2001L	General Physics I Laboratory	1
PHY-2002	General Physics II	3
PHY-2002L	General Physics II Laboratory	1
WRI-1100	Writing and Research	3
Total Hours		**52**

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

Code	Title	Hours
BIO-2206	Histology	4
BIO-2250	Introduction to Cell Biology	3
BIO-2250L	Introduction to Cell Biology Laboratory	1
BIO-3300	Microbiology	3
BIO-3300L	Microbiology Laboratory	1
BIO-3303	Genetics	3
BIO-3303L	Genetics Laboratory	1
BIO-3320	Molecular Biology	3
BIO-3320L	Molecular Biology Laboratory	1
BIO-3350	Physiology	4
Total Hours		**24**

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, SOC-1000 Principles of Sociology 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 Vice President of Health Sciences 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 of the Vice President of Health Sciences, and from affiliated institutions.

Professional Studies

Phone: 718.489.3470

Department Mission

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 select a Minor offered by another department and complete the requirements as per the 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 in 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.

Program Student Learning Outcomes:

- PLO 1:Think critically and creatively in organizational problem-solving.
- PLO 2: Demonstrate effective presentational skills to enhance personal and organization communications.
- PLO 3: Understand, articulate, and develop the key functions and competencies to be effective in today's workforce.
- PLO 4: Utilize effective writing skills to enhance personal and organizational communications.
- PLO 5: View the diversity of world cultures and peoples through multiple perspectives.
- PLO 6: Optimize position in the work force.

Programs

- Professional Studies, BS (p. 120)

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.

Faculty

Director

Dr. Michelle Steven

Professional Studies, BS

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
IT-1001	Computer Tools	
Bodies of Knowledge [1,2]		
Creative Voices across Cultures (HCE)		3
Science at Work (NPW)		3-5
Ethics, Reality and Logic (PEM)		3
Individual and Societies (SEH)		3
Our World, Past and Present (WHG)		3
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Liberal Arts (p. 15) [3,4]		33
General electives [4]		54
Total Hours		**120-124**

1. Choices made in consultation with Prof Studies Dept. Academic Advisor
2. Note: a maximum of 21 credits may be taken in one subject.
3. Note: a minimum of 60 credits must be in the liberal arts
4. 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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Psychology

Phone: 718.489.5415

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.

Program Student Learning Outcomes Psychology (B.A.)

- PLO 1: Describe content domains and applications of the science of psychology.
- PLO 2: Use scientific reasoning, information literacy, and awareness of sociocultural factors during the research process.
- PLO 3: Evaluate psychological science and practice through the lens of ethical standards, which will inform their own relationships and values.
- PLO 4: Demonstrate effective communication of psychological content and applications through writing, presentation, and interaction skills.
- PLO 5: Apply psychological content and applications to the development of their career goals and professional pursuits.

Applied Behavioral Psychology (B.A./M.A.) and General Psychology (M.A.)

- PLO 1: Discuss psychological processes, assessment, counseling, and diagnostic and cultural diversity with an advanced understanding.
- PLO 2: Apply responsible and ethical conduct in the context of clinical and applied research settings.
- PLO 3: Integrate their conceptual and applied training through research or practicum experience in their chosen area of interest.

CAP Lab: Cognition, Affect, and Psychophysiology Lab

The Cognition, Affect, and Psychophysiology (CAP) Lab examines the way emotions impact our thoughts and behaviors. Research is conducted using psychophysiological measures of peripheral (heart rate, skin conductance) and neural (electroencephalography or EEG) responses to emotional information.

The CAP Lab is dedicated to the involvement of student researchers across all areas of the research process. Students may be involved in data collection, data processing, presenting research findings, or the design of a new research study (for thesis students).

For more information about the lab, please visit https://www.sfc.edu/academics/institutes-centers/cap (https://www.sfc.edu/academics/institutes-centers/cap/)

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 https://www.sfc.edu/academics/institutes-centers/cspec (https://www.sfc.edu/academics/institutes-centers/cspec/)

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 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/iiccp (http://www.sfc.edu/iiccp/)

Social Psychology Research Lab

This lab is devoted to work in social psychology especially in the areas of stigma and prejudice, interpersonal relationships, social perception and health behavior. Research in the lab utilizes a variety of methods including experimental, correlational, and qualitative approaches. Students are encouraged to volunteer as research assistants. For more information contact Dr. Jamie Macdonald (jmacdonald@sfc.edu) or Dr. Karen Wilson (kwilson702@sfc.edu).

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-2100 Introduction to Psychological Research, PSY-3300 Statistical Methods in Psychology, PSY-4998 Experimental Psychology I and PSY-4999 Experimental Psychology II. 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-2100 Introduction to Psychological Research, PSY-3300 Statistical Methods in Psychology, PSY-4998 Experimental Psychology I and PSY-4999 Experimental Psychology II). 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-2100 Introduction to Psychological Research, PSY-3300 Statistical Methods in Psychology, PSY-4998 Experimental Psychology I and PSY-4999 Experimental Psychology II. 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.

Programs

- Applied Behavioral Psychology, BA/MA (p. 125)
- Cross-Cultural and Multicultural Psychology Minor (p. 128)
- General Psychology MA (p. 127)
- Psychology Minor (p. 128)
- Psychology, BA (p. 123)

Faculty

Chairperson

Dr. Karen Wilson

Professors

Biolsi
Lancaster

Associate Professors

Egan

Kim

Wilson

Assistant Professors

Koven
MacDonald

Lecturers

Adams

Professor Emeritus

Gielen

Adjuncts

Agola
DeSilva
Murillo
Robles
Stephens
Sulicki

Psychology, BA

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.

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 and OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
PSY-1000	Foundation in Information Literacy & Research Recommended but any ITLM course will satisfy the requireme nt	
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		7-8
Select ONE Biology Course and PSY course		
BIO-1101	Introduction to Human Biology	
BIO-1140	Anatomy and Physiology 1	
BIO-1140L	Anatomy and Physiology 1 Laboratory Taken with BIO 1140	
BIO-1201	General Biology 1	
BIO-1201L	General Biology 1 Laboratory Taken with BIO 1201	
PSY-2100	Introduction to Psychological Research	
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
PSY-1100	General Psychology	
SOC-1000	Principles of Sociology	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Psychology Major		
Select two foreign language courses in sequence		6
PSY-1200	Professional Development in Psychology	1
Research Sequence (must be completed in sequence)		12
PSY-3300	Statistical Methods in Psychology [1]	
PSY-4998	Experimental Psychology I [1]	
PSY-4999	Experimental Psychology II [1]	
Lower Core Courses		6
PSY-3380	Cross-Cultural Psychology/Communication	
PSY-3411	History and Systems of Psychology	
Upper Core Courses		6
PSY-4000	Seminar in Psychology	
PSY-4420	Applied Psychology	
Select One Elective Group: Development		3
PSY-2201	Developmental Psychology I	
PSY-2202	Developmental Psychology II: Adulthood And Aging	
Select One Elective Group: Basic Processes		3
PSY-3305	Learning & Memory	
PSY-3320	Cognitive Psychology	
Select One Elective Group: Personality/Social/Abnormal		3
PSY-3307	Theories of Personality	
PSY-3312	Social Psychology	
PSY-3409	Abnormal Psychology	
Select One Elective Group: Biological		3
PSY-4360	Psychobiology	
PSY-4461	Sensation and Perception	
PSY Elective: Select One from the list below or one of the option not chosen above		3
PSY-1114	Human Sexuality	
PSY-2130	Addictions I	
PSY-2131	Addictions II	
PSY-2209	Introduction to Positive Psychology	
PSY-2229	Psychology of Women	
PSY-2230	Educational Psychology	
PSY-2233	The Psychology of the Exceptional Child	
PSY-3301	Qualitative Research in Psychology	
PSY-3381	Children and Adolescents in a Cross-Cultural Perspective	
PSY-3401	Forensic Psychology	
PSY-3402	Health Psychology	
PSY-3403	Industrial/Organizational Psychology	
PSY-4990	Field Experience in Psychology I	
PSY-4995	Independent Research in Psychology I	
General electives		27
Total Hours		**122-125**

The successful completion of PSY-4998 Experimental Psychology I and PSY-4999 Experimental Psychology II satisfies the College's Comprehensive Examination/Thesis requirement.

[1] Transfer credit will not be accepted for these courses.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Applied Behavioral Psychology, BA/MA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 and OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
PSY-1000	Foundation in Information Literacy & Research Recommended but any ITLM course will satisfy the requirement	
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		7-8
Select ONE Biology Course and PSY course		
BIO-1101	Introduction to Human Biology	
or BIO-1140	Anatomy and Physiology 1	
PSY-2100	Introduction to Psychological Research	
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
PSY-1100	General Psychology	
SOC-1000	Principles of Sociology	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		3
Religion and Culture (RS)		3
Psychology Major		
Select two foreign language courses in sequence		6
PSY-1200	Professional Development in Psychology	1
Research Sequence (must be completed in sequence)		12
PSY-3300	Statistical Methods in Psychology [1]	
PSY-4998	Experimental Psychology I [1]	
PSY-4999	Experimental Psychology II [1]	
Lower Core Course		3
PSY-3411	History and Systems of Psychology	
Upper Core Courses		6
PSY-4000	Seminar in Psychology	
PSY-4420	Applied Psychology	
Select One Elective Course: Development		3
PSY-2201	Developmental Psychology I	
PSY-2202	Developmental Psychology II: Adulthood And Aging	
Elective Group: Basic Processes		3
PSY-3320	Cognitive Psychology	
Select One Elective Group: Personality/Social/Abnormal		3
PSY-3307	Theories of Personality	
PSY-3312	Social Psychology	
PSY-3409	Abnormal Psychology	
Elective Group: Biological		3
PSY-4360	Psychobiology	
General electives		24
Required Graduate Courses		
PSY-6205	Behavioral Perspectives in Learning and Motivation	3
PSY-6207	Psychological Assessment and Diagnosis	3
PSY-6213	Group Theory and Counseling	3
PSY-6233	Psychological Aspects of Disabilities	3
PSY-6360	Cognitive Neuroscience	3
PSY-6380	Psychology of Diversity Motivation	3
PSY-6401	Foundations of Counseling Theory and Clinical Assessment	3
PSY-7012	Behavioral Assessment and Intervention	3
PSY-7101	Professional Issues and Ethics	1
PSY-7330	Adv. Experimental Methods & Statistics	3
PSY-7400	Graduate Seminar	2
Select One Course		3
PSY-7990	Supervised Practicum I	
PSY-7998	Supervised Thesis I	
Select One Course		3
PSY-7991	Supervised Practicum II	
PSY-7999	Supervised Thesis II	
Total Hours		**150-152**

[1] Transfer credit will not be accepted for these courses.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we “educate the whole person for a full, relational life.” This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

General Psychology MA

Requirements

Code	Title	Hours
PSY-6205	Behavioral Perspectives in Learning and Motivation	3
PSY-6207	Psychological Assessment and Diagnosis	3
PSY-6213	Group Theory and Counseling	3
PSY-6233	Psychological Aspects of Disabilities	3
PSY-6360	Cognitive Neuroscience	3
PSY-6380	Psychology of Diversity Motivation	3
PSY-6401	Foundations of Counseling Theory and Clinical Assessment	3
PSY-7012	Behavioral Assessment and Intervention	3
PSY-7101	Professional Issues and Ethics	1
PSY-7330	Adv. Experimental Methods & Statistics	3
PSY-7400	Graduate Seminar	2
PSY-7998	Supervised Thesis I	3
PSY-7999	Supervised Thesis II	3
Total Hours		**36**

Cross-Cultural and Multicultural Psychology Minor

Requirements

Code	Title	Hours
PSY-1100	General Psychology	3
PSY-3380	Cross-Cultural Psychology/Communication	3
Select one of the following courses:		3
GLS-1240	Peoples/Cultures of Contemp Asia/Africa World I	
GLS-1241	Peoples and Cultures of the Contemporary World II	
SOC-1070	Sociology of Minority Groups	
Select one of the following courses:		3
PSY-4024	Human Morality in Cultural Perspective	
PSY-3381/5470	Children and Adolescents in a Cross-Cultural Perspective	
SOC-2040	Social Anthropology	
Any other 3000/4000 level GLS/PSY/SOC course		
Select one of the following courses:		3
PSY-3301	Qualitative Research in Psychology	
PSY-4990	Field Experience in Psychology I [1]	
PSY-4995	Independent Research in Psychology I [1]	
Total Hours		**15**

[1] Should be focused on topics of cross-cultural psychology or international organization

Psychology Minor

Requirements

Code	Title	Hours
PSY-1100	General Psychology	3
PSY-2100	Introduction to Psychological Research	4
Select One: Elective Group: Development		3
PSY-2201	Developmental Psychology I	
PSY-2202	Developmental Psychology II: Adulthood And Aging	
Select One: Elective Group: Basic Porcesses		3
PSY-3305	Learning & Memory	
PSY-3320	Cognitive Psychology	
Select One: Elective Group: Personality/Social/Abnormal		3
PSY-3307	Theories of Personality	
PSY-3312	Social Psychology	
PSY-3409	Abnormal Psychology	
Total Hours		**16**

Sociology and Criminal Justice

Phone: 718.489.5446

Department Mission

The Sociology and Criminal Justice Department offers an academic program that provides the foundation for students to pursue careers in law, social work, law enforcement, parole, probation, and non-profit organizational service and management. Those who graduate from our program are also well-prepared for graduate work in sociology, social work, criminal justice, and criminology. Our goal is to prepare students to solve social problems—to help eliminate homelessness, assist crime victims, reduce inequity, and create meaningful public policy. Our program offers majors in criminal justice and sociology. We offer the following minors and concentrations for students majoring in other areas: criminal justice, sociology, social work, and international migration studies. 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 (http://www.sfc.edu/popculture/). The centers offer students the opportunity to hear lectures by academic experts and practitioners. We also house the Justice Initiative (https://www.sfc.edu/academics/institutes-centers/justice-initiative/), which offers mentorship and support to students directly-impacted by the criminal justice system. Additionally, we house the Forum on Migration (https://www.sfc.edu/academics/institutes-centers/forum-on-migration/), which hosts a series of annual conferences, guest lectures, and public events centered on current immigration policies and focuses on global migration trends, current policies of criminalization and radicalization of undocumented immigrants, and the adjustment of newly arrived immigrants in their receiving countries.

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.

Program Student Learning Outcomes

Criminal Justice Majors

- PLO 1: Identify the function and interrelationships between the major components of the American criminal justice system.
- PLO 2: Critically analyze key criminological theories.
- PLO 3: Understand the relationship between theory and criminal justice policy.
- PLO 4: Explain the impact of race, ethnicity, sexual orientation, gender, and class on criminal justice outcomes.

Sociology Majors

- PLO 1: Describe and recognize key sociological concepts, theories, and methods.
- PLO 2: Apply and utilize qualitative and quantitative sociological research methods in the pursuit of social research.
- PLO 3: Apply sociological theory and sociological concepts to the study of social problems.
- PLO 4: Analyze and assess how personal identity (e.g. race, ethnicity, sex, sexuality, gender, & religion) relates to life chances and structural realities in contemporary society.

Programs

- Criminal Justice Minor (p. 134)
- Criminal Justice, AAS (p. 130)
- Criminal Justice, BS (p. 131)
- Forensic Science Minor (p. 134)
- International Migration Studies Minor (https://catalog.sfc.edu/catalogue/programs/sociology-criminal-justice/international-migration-studies-minor/)
- Sociology (Social Work), BA (p. 133)
- Sociology Minor (p. 134)
- Sociology, BA (p. 132)

Faculty

Chairperson

Emily Horowitz

Professor

Horowitz

Phillips

Assistant Professor

Lemekh

Maratea

Murolo

Lecturer

Powell

Adjuncts

Cedeno

Collins

DiPrenda

Fox

Gjelaj

Mullins

Owusu

Criminal Justice, AAS

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literarcy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		3
Science at Work (NPW)		3-5
Ethics, Reality and Logic (PEM)		3
Individual and Societies (SEH)		3
Our World, Past and Present (WHG)		3
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Criminal Justice Major		
CJ-1020	Introduction to Criminal Justice	3
CJ-2010	Criminology	3
CJ-2030	Policing in American Society	3
CJ-2050	Correctional Systems	3
CJ-3000	American Criminal Courts	3
Criminal Justice Electives		6
Liberal Electives		6
Total Hours		**60-64**

Criminal Justice, BS

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
SOC-1000	Principles of Sociology	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Criminal Justice Major		
CJ-1020	Introduction to Criminal Justice	3
CJ-2010	Criminology	3
CJ-2030	Policing in American Society	3
CJ-2050	Correctional Systems	3
CJ-3000	American Criminal Courts	3
CJ-4990	Internship in Criminal Justice	3
CJ-4998	Criminal Justice Senior Thesis [1]	3
Select seven CJ elective courses		21
SOC-4210	Social Research Methods	3
Select five CJ or SOC elective courses		15
Liberal Arts (p. 15) [2]		15
Total Hours		**123-129**

[1] The successful completion of CJ-4998 Criminal Justice Senior Thesis 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 here (p. 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 Internship in Criminal Justice for three additional credits and will be awarded three credits to satisfy the 12 elective credits requirements with approval from the Department Chairperson.

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Sociology, BA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies (SEH)		6
SOC-1000	Principles of Sociology	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Sociology Major		
SOC-2000	Social Problems	3
SOC-2030	Introduction to Social Work	3
SOC-3010	Sociology of the Family	3
SOC-3020	Theory and History of Sociology	3
SOC-3060	Law and Society	3
SOC-4210	Social Research Methods	3
SOC-4990	Internship in Sociology	3
SOC-4998	Senior Seminar in Sociology [1]	3
Select 7 SOC elective courses		21
PSY-1100	General Psychology	3
Liberal Arts (p. 15) [2]		6
General electives		21
Total Hours		**123-129**

[1] The successful completion of SOC-4998 Senior Seminar in Sociology satisfies the College's Comprehensive Examination/Thesis requirement.

[2] Students pursuing a Bachelor of Arts degree must complete 3/4 of their degree credits (i.e. minimum 90 credits) from courses in the Liberal Arts category. For specific academic subjects, see here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Sociology (Social Work), BA

Requirements

Code	Title	Hours
General Education Program		
Understanding College (FS)		1
Writing and Presentation (WRI1 & OC1)		6
Mathematics (QR1)		3-4
Information Literacy, Media, and Research (ITML)		3
Creative Voices across Cultures (HCE)		6
Science at Work (NPW)		6-10
Ethics, Reality and Logic (PEM)		6
Individual and Societies ((SEH)		6
SOC-1000	Principles of Sociology	
Our World, Past and Present (WHG)		6
Personal Wellness (FH)		2-3
Religion and Culture (RS)		3
Sociology Major		
SOC-2000	Social Problems	3
SOC-2030	Introduction to Social Work	3
SOC-3010	Sociology of the Family	3
SOC-3020	Theory and History of Sociology	3
SOC-3060	Law and Society	3
SOC-4210	Social Research Methods	3
SOC-4991	Social Work Practicum I	3
SOC-4992	Social Work Practicum II	3
SOC-4998	Senior Seminar in Sociology [1]	3
CJ-3015	Prisons and Prisoners in the U.S.	3
CJ-3070/ PSY-2130	Addictions I	3
CJ-3075/ PSY-2131	Addictions II	3
Select four SOC or CJ Elective courses		12
PSY-1100	General Psychology	3
Liberal Arts (p. 15) [2]		15
General electives		9
Total Hours		**123-129**

[1] The successful completion of SOC-4998 Senior Seminar in Sociology 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 here (p. 15).

In keeping with our mission at St. Francis College, the courses you take courses across the liberal arts ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and building a foundation for future success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepares you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Institutional Learning Outcomes:

1. Demonstrate sensitivity to creative expression
2. Communicate ideas and information through written, oral, visual and digital media
3. Employ critical and analytical skills
4. Value diverse perspectives of the human experience
5. Implement information, technology and media literacy
6. Demonstrate quantitative literacy

Foundation Courses- First Year College (13-14 credits)

St. Francis College's mission, emphasizing Franciscan education, highlights access and opportunities for all students. In your first year at SFC, you will combine key skill development with courses in the liberal arts and in your areas of interest. Each of these courses and categories is essential to your success in college and beyond. Our First Year Foundations program ensures that all students will be equitably prepared to excel and achieve their goals.

Bodies of Knowledge (35 credits)

At St. Francis College, our Franciscan mission states that we "educate the whole person for a full, relational life." This means that we strive, by making certain you take courses across the liberal arts, to ensure that you are well-rounded, able to engage in meaningful thought and conversation both within and outside of your area of expertise, and create success by deepening and broadening your knowledge. Building on First Year Foundations and augmenting your major field of study, the combination of courses in the Bodies of Knowledge prepare you to meet the challenges the world presents to you with intelligence, clarity, and empathy. They will equip you to solve complex problems, contribute to your community, and improve the world you inhabit.

Criminal Justice Minor

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.).

Requirements

Code	Title	Hours
CJ-1020	Introduction to Criminal Justice	3
CJ-2010	Criminology	3
Select one of the following courses:		3
CJ-2030	Policing in American Society	
CJ-2050	Correctional Systems	
CJ-3000	American Criminal Courts	
Select two CJ elective courses chosen with advisor's consent		6
Total Hours		**15**

Forensic Science Minor

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.

Requirements

Code	Title	Hours
BIO-1150	Forensic Biology	3
CHE-1101	Chemistry and Life I	4
CJ-1020	Introduction to Criminal Justice	3
Select two of the following courses:		6
CJ-3010	Forensic Science	
CJ-3012	Criminal Investigations	
CJ-4000	Special Topics in Criminal Justice [1]	
IT-2270	Computer Forensics	
Total Hours		**16**

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

Sociology Minor

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.

Requirements

Code	Title	Hours
SOC-1000	Principles of Sociology	3
SOC-1070	Sociology of Minority Groups	3
SOC-2000	Social Problems	3
SOC-3020	Theory and History of Sociology	3
SOC-4210	Social Research Methods	3
Total Hours		**15**

Women's and Gender Studies

Dr. Labendz 718.489.3486

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 and LGBTQIA+ 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 and LGBTQIA+ 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

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.*

Programs

- Women's and Gender Studies Minor (p. 136)

Faculty

Director

Dr. Jenny Labendz

Women's and Gender Studies Minor

Requirements

Code	Title	Hours
WGS-2001	Introduction to Gender Studies	3
Select four of the following courses from at least two departments:		12
CJ-3016	Sex Crimes and American Justice	
COM-3009	Topics: Women in Film and Video Catholic Cinema	
ECO-3340	Gender and the Economy	
HIS-3308	History of Sexuality	
HIS-3315	Women in the Twentieth Century World	
HS-1403	Women's Health Issues	
LWP-2150	Constructing Gender in American Literature & Culture	
LWP-5405	Perspectives of Gender/Health	
LWP-5655	Women Primatologists Literature	
MKT-2204	Gender and Sexuality in Marketing	
PHI-3312	Gender and Philosophy	
PSC-2501	Women and Politics	
PSY-1114	Human Sexuality	
PSY-2229	Psychology of Women	
SOC-3010	Sociology of the Family	
SOC-3370	Gender Roles in Cross-Cultural Perspectives	
Total Hours		**15**

Center for Women's and Gender Studies

Dr. Labendz 718.489.3486

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.

Faculty

Director

Dr. Jenny Labendz

Suspended Programs

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

Program	HEGIS Code	NYS Inventory	CIP code
Accounting Business and Practice Teacher Training	0838.00	09513	13.1303
Airway Science	0599.00	90157	49.0101
Aviation Administration	0599.00	82279	49.0104
Aviation Business Studies	0599.00	82280	49.0104
Corporate Accounting	5002.00	84281	52.0302
Electronic Data Processing	5101.00	80133	11.0301
Electronic Data Processing	5101.00	84282	11.0301
English	1501.00	09520	23.0101
Finance	5003.00	84283	52.0803
French	1102.00	09514	16.0901
French Teacher Training	1102.01	09515	13.1325
General Business	5001.00	84284	52.0101
Health Services Administration	1202.00	09518	51.0701
Human Resources	5004.00	84285	52.0201
International Cultural Studies (International Business)	4903.00	90084	05.0299
International Cultural Studies (Latin American and Caribbean Studies)	4903.00	90084	05.0299
International Cultural Studies (Western European Studies)	4903.00	90084	05.0299
Marketing	5004.00	84286	52.0201
Nursing—Lower Division	5208.20	76031	51.1601
Nursing—Lower Division	5208.00	21644	51.1601
Paralegal Studies	5099.00	88276	22.0302
Project Management	0506.00	520211	34.383
Spanish Teacher Training	1105.01	09516	13.1330

COURSES OF INSTRUCTION

A

- Accounting (ACC) (p. 138)
- Adolescence Education (AED) (p. 141)
- American Studies (AMS) (p. 141)
- Arthur Miller Jrnl Internship (AMJ) (p. 141)

B

- Biology (BIO) (p. 142)
- Business (BUS) (p. 147)
- Business Analytics (BAN) (https://catalog.sfc.edu/catalogue/courses-instruction/ban/)
- Business Law (BL) (p. 150)

C

- Career Planning Seminar (CPS) (p. 151)
- Chemistry (CHE) (p. 151)
- Childhood Education (CED) (p. 154)
- Communications (COM) (p. 154)
- Computer Science (CS) (https://catalog.sfc.edu/catalogue/courses-instruction/cs/)
- Criminal Justice (CJ) (p. 162)

D

- Diagnostic Medical Sonography (DMS) (p. 166)

E

- Early Childhood Education (EC) (p. 168)
- Economics (ECO) (p. 168)
- Education (ED) (p. 171)
- Entrepreneurship (ENT) (p. 172)
- Exercise Movement Science (EXM) (p. 174)

F

- Finance (FIN) (p. 177)
- Fine Arts (FA) (p. 178)
- Fitness and Health (FIT) (p. 181)
- French (FRE) (p. 182)
- Freshman Orientation (SFC) (p. 183)

G

- Global Studies (GLS) (https://catalog.sfc.edu/catalogue/courses-instruction/gls/)
- Greek (GRK) (p. 183)

H

- Health Care (HC) (p. 183)
- Health Science (HS) (p. 185)
- History (HIS) (p. 187)
- Honors (HON) (p. 191)
- Human Resources (HR) (p. 192)

I

- Information Technology (IT) (p. 193)
- Interdisciplinary Studies (IDS) (p. 199)
- Italian (ITA) (p. 199)

L

- Literature, Writing & Publishing (LWP) (p. 200)

M

- Management (MGT) (p. 210)
- Marketing (MKT) (p. 211)
- Mathematics (MAT) (p. 213)

N

- Nursing (NUR) (p. 216)

P

- Philosophy (PHI) (p. 219)
- Physical Education (PE) (p. 224)
- Physics (PHY) (p. 226)
- Political Science (PSC) (p. 226)
- Project Management (PM) (p. 229)
- Psychology (PSY) (p. 230)
- Public Health (PH) (https://catalog.sfc.edu/catalogue/courses-instruction/ph/)

R

- Radiation Therapy (RTT) (p. 238)
- Radiography Courses (RTR) (p. 240)
- Religious Studies (REL) (p. 243)

S

- Science (SCI) (p. 246)
- Sociology (SOC) (p. 246)
- Spanish (SPA) (p. 251)
- Special Education (SED) (p. 252)
- Sports Management (SPM) (p. 254)

W

- Women's and Gender Studies (WGS) (p. 255)
- Writing (WRI) (p. 255)

Accounting (ACC)

ACC-1001 Introduction to Accounting (3 Credits)
Requisite(s): MAT-1101 or higher
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.
Typically offered: Fall and Spring

ACC-1101 Elementary Accounting I (4 Credits)
Requisite(s): MAT-1101 or higher,BUS-1001
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. Inclusive textbook fee added for Spring 2021.
Typically offered: All Sessions

ACC-1102 Elementary Accounting II (4 Credits)
Requisite(s): ACC-1101
A continuation of the basic accounting principles learned in ACC 1101. Specific topics include accounting for partnerships, corporate owners' equity, long-term liabilities, statement of cash flows, financial statement analysis, and aspects of managerial accounting.
Typically offered: All Sessions

ACC-1700 Accounting for Healthcare Organizations (3 Credits)
Requisite(s): MAT-1101 or higher
This course introduces students to the fundamental accounting conceptual framework and generally accepted accounting principles. That platform of knowledge is used to explore the specific issues relating to financial management in the healthcare sector. This course is not for Accounting or Business Management majors.
Typically offered: Fall Only

ACC-2101 Intermediate Accounting I (4 Credits)
Requisite(s): ACC-1102,Take IT-1001
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.
Typically offered: Fall Only

ACC-2102 Intermediate Accounting II (4 Credits)
Requisite(s): ACC-2101
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.
Typically offered: Spring Only

ACC-2201 Accounting Information Systems (3 Credits)
Requisite(s): ACC-1101,IT-1001
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.
Typically offered: Fall and Spring

ACC-3301 Cost Accounting (3 Credits)
Requisite(s): ACC-1001 or ACC-1102,IT-1001
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.
Typically offered: Fall Only

ACC-4101 Advanced Accounting Problems (3 Credits)
Requisite(s): ACC-2102
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.
Typically offered: Fall Only

ACC-4401 Auditing Principles (3 Credits)
Requisite(s): ACC-2101
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.
Typically offered: Spring Only

ACC-4402 Advanced Auditing (3 Credits)
Requisite(s): ACC-2101,ACC-2102,ACC-2201,ACC-4401
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, will be a major focus. The integration of integrity and ethics to both financial and internal audits through professional and legislative rules will be stressed throughout the course.
Typically offered: Fall Only

ACC-4501 Taxation for Individuals (3 Credits)
Requisite(s): ACC-1001 or ACC-1102
A study of the basic principles of federal income taxation as applied to individuals.
Typically offered: Fall Only

ACC-4502 Taxation for Business Organizations (3 Credits)
Requisite(s): ACC-4501
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.
Typically offered: Spring Only

ACC-4990 Accounting Internship (1-3 Credits)
Supervised work experience in various fields of accounting--including submission of a written report. This course may be taken for a maximum of two semesters. Requires approval of the departmental chairperson.
Typically offered: Fall and Spring

ACC-4995 Independent Study in Accounting (1-3 Credits)
Individual research and study--including submission of a written report. Maximum two semesters. Requires chairperson approval.
Typically offered: As Needed

ACC-4998 Senior Seminar in Accounting (3 Credits)
Requisite(s): ACC-4101
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.
Typically offered: Spring Only

ACC-6101 Accounting Theory and Reporting I (4 Credits)
Graduate students only. 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. Open to MS_ACC students only.
Typically offered: Fall Only

ACC-6102 Accounting Theory and Reporting II (5 Credits)
Requisite(s): ACC-6101
Graduate students only. 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.
Typically offered: Spring Only

ACC-6201 Acc Information Technology & Design (3 Credits)
Graduate students only. 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. Open to MS_ACC students only. Lab fee.
Typically offered: Fall and Spring

ACC-6202 Advanced Accounting Information Systems (3 Credits)
Requisite(s): ACC-6201 or ACC-2201
Graduate students only. This course is designed to provide a detailed study of integrated components within an accounting information system. A thorough investigation of current issues that pertain to information technology is conducted. Students utilize the database approach to design and develop a complex system of storing and retrieving data. The REA model is used to analyze the relationship between an organization's essential resources, events and agents. Students use Microsoft Access to query data to write analysis reports for various case assignments. Open to MS_ACC students only. Lab. fee.

ACC-6301 Managerial Accounting (3 Credits)
Graduate students only. 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. Open to MS_ACC students only.
Typically offered: Fall Only

ACC-6401 Auditing and Assurance Services (3 Credits)
Requisite(s): ACC-6101
Graduate students only. 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. Open to MS_ACC students only.
Typically offered: Spring Only

ACC-6402 Advanced Auditing (4 Credits)
Requisite(s): ACC-2201,ACC-4401
Graduate students only. 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 into both financial and internal audits through professional and legislative rules is stressed throughout the course. Open to MS_ACC students only.
Typically offered: Fall Only

ACC-6501 Individual Taxation (3 Credits)
Graduate students only. 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.

ACC-6502 Taxation for Business Organizations (4 Credits)
Requisite(s): ACC-4501 or ACC-6501
Graduate students only 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.

ACC-6650 Financial Accounting for Managers (3 Credits)
Graduate students only. This three-credit course examines the use of accounting data in facilitating management decisions. Students will be introduced to the fundamental principles of financial accounting with an overview of financial reporting and how to read and interpret the four basic financial statements. Using a measurement, communication, and decision-making framework, this course provides a solid foundation for student learning - focusing on the elements of the accounting cycle. While available in an alternative format, the rules of debits and credits and detailed transactional reporting required by accounting majors are removed without disruption. The course concludes with a detailed section on Financial Statement Analysis in the form of ratios and other vital measurement tools and criteria. Major topics include a comprehensive look at various elements of the income statement and balance sheet. The course concludes with an in-depth financial statement analysis using ratios and other metrics used to assess performance.
Typically offered: All Sessions

ACC-6990 Accounting Internship (1-3 Credits)
Graduate students only. Supervised work experience in various fields of accounting--including submission of a written report. Requires approval of the departmental chairperson.

ACC-6995 Independent Study in Accounting (1-4 Credits)
Graduate students only. 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.
Typically offered: On Demand

ACC-7101 Special Topics in Accounting (3 Credits)
Requisite(s): ACC-6102
Graduate students only. 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. Open to MS_ACC students only.
Typically offered: Fall Only

ACC-7998 Graduate Seminar in Accounting (4 Credits)
Requisite(s): ACC-4101 or ACC-6101
Graduate students only. A study of current literature, accounting topics and recent professional pronouncements through active participation, oral presentations, and a research paper.

Adolescence Education (AED)

AED-2200 Methods of Instruction in Secondary Education (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher.,Complete ED-2020 with a B grade or higher
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.

AED-3320 Lit in the Content Area (grades 7-12) Instruction (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher.,Minimum overall GPA of 3.0 required.
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.
Typically offered: Fall Only

AED-3340 Meth of Instruction in Secondary English (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school English.

AED-3400 Methods of Instruction: Secondary Mathematics (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
The teaching of mathematics in grades 7 through 12; procedures, techniques and materials; opportunities for student presentations; and discussion of diagnostic instruction. Use of instructional technology. Addresses commencement standards. Offered in conjunction with the Mathematics department. Planning, supervision, and guidance are provided jointly by the Mathematics and Education departments. Includes 15 hours of field experience.
Typically offered: Fall and Spring

AED-3500 Meth of Instruct: Secondary Social Stud Studies (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school social studies

AED-3600 Meth of Instruction in Secondary Biology (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school biology.

AED-3650 Meth of Instruction: Secondary Chemistry (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching secondary school chemistry.
Typically offered: Spring Only

AED-4990 Supervised Student Teaching (6 Credits)
Two full-time placements in an elementary school, middle school, or high school (as appropriate to the student's teaching level) in the student's senior year. Includes a bi-weekly seminar at the College. Restrictions apply regarding the number of other courses that may be taken during this semester. Course fee.
Typically offered: All Sessions

AED-4995 Independent Study (1-3 Credits)
Independent work in an area of special interest. Special project, report, or term paper.
Typically offered: On Demand

American Studies (AMS)

AMS-1001 American Culture and Conflict (3 Credits)
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 American 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.
Fulfills General Education Requirement: HCE, SEH
Typically offered: Fall Only

Arthur Miller Jrnl Internship (AMJ)

AMJ-1001 Arthur Miller Journal Internship (1-3 Credits)
Requisite(s): WRI-1100 and COM-1000
Supervised experience in the production of the Arthur Miller Journal, including editing, subscription management, and production management. Minimum of 135 hours, in addition to scheduled meetings with the instructor.
Typically offered: All Sessions

AMJ-1002 Arthur Miller Journal Internship (1-3 Credits)
Requisite(s): WRI-1100, COM-1000 and AMJ-1001
Supervised experience in the production of the Arthur Miller Journal, including editing, subscription management, and production management. Minimum of 135 hours, in addition to scheduled meetings with the instructor.
Typically offered: All Sessions

Biology (BIO)

BIO-1000 Ecology and the Environment (3 Credits)
An introduction to basic concepts in ecology and population dynamics, their relationships to resources, and pollution. This course is designed for non-science majors. Three lecture hours per week.
Fulfills General Education Requirement: NPW
Typically offered: All Sessions

BIO-1001 History of Science & Medicine In America (3 Credits)
Requisite(s): WRI-1100,AMS-1001 for students pursuing American Studies minor
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.
Typically offered: All Sessions

BIO-1101 Introduction to Human Biology (3 Credits)
Introduces the student to the organization and function of the human body from cells to systems. Included are selected topics in the contemporary study of the human organism. This course is designed for non-science majors and fulfills one of the science prerequisites in the Childhood Education curriculum. Three lecture hours per week.
Fulfills General Education Requirement: NPW
Typically offered: All Sessions

BIO-1102 Special Topics in Biology and Psychology Marine Biology in Belize (3 Credits)
Requisite(s): BIO-2250,CHE-2102
Cross-listed with: BIO-4000, BIO-5401 and PSY-4014. 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.[New Course]

BIO-1103 Biotechnology and Bioethics (3 Credits)
Requisite(s): WRI-1100
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. Lab fee.
Typically offered: All Sessions

BIO-1107 Anatomy and Physiology I (4 Credits)
Requisite(s): BIO-1107L
Fundamental life processes as exemplified in the functioning of the human organism. Integration of structure and function in the light of homeostasis is emphasized. A systems approach is utilized with the focus on normal physiology and an introduction to pathology. Systems addressed in the first semester include cells, tissues, integument, skeletal, muscle, and nervous systems. Laboratory experiments and dissections are designed to achieve this objective. This course is designed to fulfill program requirements for non-majors, health promotion and the physical education major. Three lectures and three lab hours per week. Lab fee.
Fulfills General Education Requirement: NPW
Typically offered: Fall Only

BIO-1108 Anatomy and Physiology II (4 Credits)
Requisite(s): BIO-1107,BIO-1108L
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.
Fulfills General Education Requirement: NPW
Typically offered: Spring Only

BIO-1120 Contemporary Topics in Biology (3 Credits)
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.

BIO-1140 Anatomy and Physiology 1 (3 Credits)
Requisite(s): BIO-1140L
This course is for Nursing, Occupational Therapy, Physical Therapy, and physician assistant majors. Lecture topics include animal cell structure and function, tissues, and a survey of human physiological systems. Course emphasizes cells, tissues, genetics, integument, and the musculo-skeletal and nervous systems.
Fulfills General Education Requirement: NPW
Typically offered: Fall Only

BIO-1140L Anatomy and Physiology 1 Laboratory (1 Credit)
Requisite(s): BIO-1140
This course is a corequisite laboratory experience to BIO-1140. Students will conduct experiments and examine samples to learn fundamental principles of Human Anatomy and Physiology. Topics include animal cell structure and function, tissues, and a survey of human physiological systems. Course emphasizes cells, tissues, genetics, integument, and the musculoskeletal and nervous systems. This a 3-hour lab.
Fulfills General Education Requirement: NPW
Typically offered: Fall Only

BIO-1141 Anatomy and Physiology 2 (3 Credits)
Requisite(s): BIO-1140,BIO-1140L,BIO-1141L
Continuation of BIO 1140. Intended for Nursing, Occupational Therapy, Physical Therapy, and physician assistant majors. Topics include: cardiovascular physiology, respiratory system, lymphatic system, respiratory physiology, and the digestive, urinary, endocrine, and reproductive systems.
Fulfills General Education Requirement: NPW
Typically offered: Spring Only

BIO-1141L Anatomy and Physiology 2 Laboratory (1 Credit)
Requisite(s): BIO-1140,BIO-1140L,BIO-1141
This course is a corequisite laboratory experience to BIO-1141. Students will conduct experiments and examine samples to learn fundamental principles of Human Anatomy and Physiology. Topics include: cardiovascular physiology, respiratory system, lymphatic system, respiratory physiology, and the digestive, urinary, endocrine, and reproductive systems. This is a 3-hour lab.
Fulfills General Education Requirement: NPW
Typically offered: Spring Only

BIO-1150 Forensic Biology (3 Credits)
This lecture/laboratory is open to all students, but especially geared to criminal justice majors. This course will focus 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.
Fulfills General Education Requirement: NPW
Typically offered: Fall and Spring

BIO-1201 General Biology 1 (3 Credits)
Requisite(s): BIO-1201L,MAT-1105 recommended co-requisite,CHE-1201 recommended Co-Req
An introduction to biological principles, emphasizing the chemical, biological, and evolutionary underpinnings of life. Topics introduced may include macromolecules, cell structure and function, mitosis and meiosis, the chromosomal basis of inheritance, natural selection, and evolution. There is a co-requisite laboratory (BIO-1201L) which reinforces these lecture concepts via interpretation of experimental results. CHE-1201 and MAT-1105 are recommended prerequisites.
Fulfills General Education Requirement: NPW
Typically offered: All Sessions

BIO-1201L General Biology 1 Laboratory (2 Credits)
Requisite(s): BIO-1201
This laboratory course will emphasize and reinforce concepts discussed in the co-requisite lecture (BIO-1201). Concepts covered will emphasize the scientific method, interpretation of data from experimental outcomes, teamwork and communication, and written and oral communication skills. This laboratory will develop skills and biological knowledge needed for future biology classes at St. Francis College. This is a 4-hour lab.
Fulfills General Education Requirement: NPW
Typically offered: Fall Only

BIO-1202 General Biology 2 (3 Credits)
Requisite(s): BIO-1201,BIO-1201L,BIO-1202L,CHE-1202 recommended co-req
This course overviews the biodiversity of life, from protists to people. Topics covered may include a march through the biodiversity of life on Earth, an introduction to the fundamentals of how bodies work, and basic tenants of ecology. A co-requisite laboratory (BIO-1202L) emphasizes these class concepts in several ways, including via a series of dissections.
Fulfills General Education Requirement: NPW
Typically offered: All Sessions

BIO-1202L General Biology 2 Laboratory (2 Credits)
Requisite(s): BIO-1201,BIO-1201L,BIO-1202
This laboratory course will emphasize and reinforce concepts discussed in the co-requisite lecture (BIO-1202). Phylogenetic patterns of organismal anatomy and basics of body systems will be emphasized in a series of dissections. Teamwork, and written and oral communication skills are emphasized. This laboratory will develop skills and biological knowledge needed for future biology classes at St. Francis College. This is a 4-hour lab.
Fulfills General Education Requirement: NPW
Typically offered: Spring Only

BIO-2200 Art & Ecology (3 Credits)
Requisite(s): Take WRI-1000
This course will focus on integrating visual art practice and scientific methods as a means of observing, understanding, interpreting and creatively responding to human driven disturbances and the restoration of nature, focusing on the urban environment and ecologies of New York City. Students will study modern and contemporary works of art responding to ecologies of undisturbed and urban environments. Readings, discussion and lab work will complement visiting speakers, and field trips. We will also consider artistic and scientific mapping of alternate ecologies such as institutional power structures. Students will be visualize their scientific observations and creative responses through drawing, graphing, 2D mixed media, mapping modelling and sculpture. Previous art experience not required.
Fulfills General Education Requirement: NPW, HCE
Typically offered: As Needed

BIO-2202 Comparative Anatomy (4 Credits)
Requisite(s): BIO-1202,BIO-2202L
A comparative lecture and laboratory study of the macroscopic anatomy of typical representatives of the classes of vertebrates. Three lectures and three lab hours per week.

BIO-2203 Invertebrate Zoology (4 Credits)
Requisite(s): BIO-1202,BIO-2203L
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. Three lectures and three lab hours per week.
Typically offered: As Needed

BIO-2204 Ecology (3 Credits)
Requisite(s): BIO-1202,BIO-1202L,BIO-2204L
An introduction to how organisms, communities and populations interact with each other and the non-living world around them. Topics covered may include adaptations to life in different environments, population dynamics, behavioral ecology, organismal interactions, flow of material and energy through ecosystems, and conservation. There is a co-requisite Ecology laboratory (BIO-2204L) which relates to lecture concepts while emphasizing statistical and writing skills.
Typically offered: As Needed

BIO-2204L Ecology Laboratory (1 Credit)
Requisite(s): BIO-1202,BIO-1202L,BIO-2204
Each laboratory activity will consist of an exercise designed to develop important concepts and skills related to being a practicing ecologist, and more generally, a biologist. These activities may involve multi-week investigations of various ecological problems, for which you will have input into the design of experiments and studies. Statistical and writing skills will be emphasized. This is a co-requisite to Ecology lecture (BIO-2204). This is a 3-hour lab.
Typically offered: As Needed

BIO-2206 Histology (4 Credits)
Requisite(s): BIO-1202,BIO-2206L
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. Three lectures and three lab hours per week.
Typically offered: As Needed

BIO-2210 Developmental Biology (4 Credits)
Requisite(s): BIO-1202,BIO-2210L
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. Three lectures and three lab hours per week.
Typically offered: As Needed

BIO-2250 Introduction to Cell Biology (3 Credits)
Requisite(s): BIO-1202,BIO-1202L,BIO-2250L,CHE-2101 recommended Co-Req
To introduce the basic structure and function of the cell and its organelles and how components of the cell integrate to perform complex functions such as cell communication and growth.
Typically offered: Fall Only

BIO-2250L Introduction to Cell Biology Laboratory (1 Credit)
Requisite(s): BIO-1202,BIO-1202L,BIO-2250
This is the lab component of BIO-2250 Cell Biology. The course will allow students to develop techniques such as protein assays, chromatography, and electrophoresis. This is a 3-hour lab.
Typically offered: Fall Only

BIO-2280 Evolution (3 Credits)
Requisite(s): BIO-1202,BIO-1202L,BIO-2280L
Why can't whales breath underwater? Well, they evolved from land mammals, which (unlike fish) must get their oxygen from air. The fact that whale bodies look a bit like a fish has to do with natural selection for the same environmental conditions. This course will serve as an introduction to the principles of evolution, whether through natural selection or other mechanisms that relate to random chance, such as genetic drift. We will examine the basic variation needed for evolution and how it is generated through mutations. Then we will use real-world examples to examine the complexities of this topic.
Typically offered: As Needed

BIO-2280L Evolution Laboratory (1 Credit)
Requisite(s): bio-1202,BIO-1202L,BIO-2280
This course is a corequisite laboratory experience to BIO-2280. Students will conduct research and/or experiments that investigate evolutionary principals using real data. This is a 3-hour lab.
Typically offered: As Needed

BIO-3300 Microbiology (3 Credits)
Requisite(s): BIO-1141 or BIO-1202,BIO-1141L or BIO-1202L,BIO-3300L
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 and intensive study of bacterial, rickettsial, chlamydial, algae, fungal, viral, and protozoan organisms of significance in the propagation of diseases.
Typically offered: Fall and Spring

BIO-3300L Microbiology Laboratory (1 Credit)
Requisite(s): BIO-1141 or BIO-1202,BIO-1141L or BIO-1202L,BIO-3300
This course is a corequisite laboratory experience to BIO-3300. The course provides students with practical knowledge of the fundamental principles and applications of microbiology. Students will conduct experiments that investigate the structure and function of the principal groups of microorganisms (bacteria, fungi, algae, protozoa, viruses, and rickettsiae). This is a 3-hour lab.
Typically offered: Fall and Spring

BIO-3302 Botany (4 Credits)
Requisite(s): BIO-1202,BIO-3302L
A survey of the principal groups of plants from the standpoint of their structure and development with intensive studies on the morphology and physiology of the angiospermae. Three lectures and three lab hours per week.

BIO-3303 Genetics (3 Credits)
Requisite(s): BIO-1202,BIO-1202L,BIO-3303L
This course introduces fundamental concepts in classical and modern genetics. Topics covered in this course provide a broad overview of the field, and includes such topics as Mendelian Inheritance, viral and bacterial genetics, gene structures, gene regulation including epigenetics, cancer genetics, and introductory population and quantitative genetics.
Typically offered: Spring Only

BIO-3303L Genetics Laboratory (1 Credit)
Requisite(s): BIO-1202,BIO-1202L,BIO-3303
This is the lab component of BIO-3303 Genetics. The course will supplement some of the important concepts learned through the lecture portion: Classic genetics established by Mendel and Morgan, probability calculations, gene expression, biotechnological techniques and bioinformatics. The course's practical activities aims to deepen your conceptual understanding in Genetics. This is a 3-hour lab.
Typically offered: Spring Only

BIO-3310 Advanced Cell Biology (4 Credits)
Requisite(s): BIO-2250,BIO-3310L,CHE-2102
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. Three lectures and three lab hours per week.
Typically offered: Fall Only

BIO-3310L Advanced Cell Biology Lab (1 Credit)
Requisite(s): BIO-2250,BIO-2250L,BIO-3310,CHE-2102,CHE-2102L
This is the lab component to accompany BIO-3310 Advanced Cell Biology. The course will provide practical application of the important concepts in Advanced Cell Biology. This is a 3-hour lab.
Typically offered: Fall Only

BIO-3320 Molecular Biology (3 Credits)
Requisite(s): BIO-1202,BIO-1202L,BIO-3320L,CHE-2102,CHE-2102L
Since the discovery of DNA structure, the field of Molecular Biology has grown rapidly. Molecular Biology and related technologies have had a tremendous impact on the progress of other areas in biology in the past half century. In this course, we will learn the basic principles behind the central dogma; DNA to RNA to protein. We will also learn about the tools and technologies used in molecular biological approaches. The course is build on the board exam material to learn the clinical significance of each chapter. This course also aims to develop critical thinking skills through student-led discussions about real-life issues related to Molecular Biology.
Typically offered: Spring Only

BIO-3320L Molecular Biology Laboratory (1 Credit)
Requisite(s): BIO-1202,BIO-1202L,BIO-3320,CHE-2102,CHE-2102L
This is the lab portion of BIO-3320 Molecular Biology. The lab component of this course consists of several hands-on activities that require sophisticated molecular and genetic approaches. Students will conduct experiments ranging from DNA-to-protein synthesis to gene knockdown. This is a 3-hour lab.
Typically offered: Spring Only

BIO-3350 Physiology (4 Credits)
Requisite(s): BIO-1202,BIO-3350L,CHE-2102
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. Three lectures and three lab hours per week.
Typically offered: Spring Only

BIO-3360 Human Pathophysiology (4 Credits)
Requisite(s): BIO-3310 Cell Biology
Pathophysiology is the study of the human body's reaction to adverse conditions. This course will elucidate the basic changes that occur in disease states such as cellular injury, inflammation and hemodynamic changes as well as the underlying mechanisms of genetic disease, environmental disease and cancer. Disease symptoms, treatment and diagnosis will also be introduced. Students will develop critical thinking skills through engagement in problem-based learning through the use of case studies.
Typically offered: Fall Only

BIO-4000 Special Topics in Biology: Marine Biology in Belize (3 Credits)
Requisite(s): BIO-2250,CHE-2102
Cross-listed with: BIO-1102, BIO-5401 and PSY-4014. Discussion and analysis of problems in biology that are not covered in regular course work. The specific content of the course will remain flexible in response to student and departmental interest.

BIO-4001 Marine Biology in Honduras (3 Credits)
Requisite(s): Take BIO-2250 CHE-2102;
Marine Biology in Honduras. Course requires travel to Honduras.. Please contact Dr. Nolan, at KNolan@stfranciscollege.edu or (718) 489-5439 for additional information.

BIO-4002 Special Topics in Biology: Biotechnology (3 Credits)
Requisite(s): Take BIO-2250 CHE-2102;
Course will include topics such as Genomics, Proteomics, and Systems Biology.
Typically offered: As Needed

BIO-4003 Special Topics in Biology: Honoring the Parks (3 Credits)
Requisite(s): Take BIO-2250 CHE-2102;
This 3 credit 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. We will also go on a Oyster Schooner in LI. There is a fee of $550 that will cover camping in Fire Island, ferries, LIRR, and admissions to such locales as the Tenement Museum and the Oyster Schooner. It will also cover food and dorm (including camping on June 5) from June 3-10. You will read and write a book report about diseases in early NYC immigrants and keep a journal. You must register for this course by filling out a sheet signed by Dr. Nolan. Please e-mail her if interested: knolan@sfc.edu
Typically offered: As Needed

BIO-4004 Seminar: Marine Mammal Cognition (3 Credits)
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.

BIO-4005 Topic: Parasitology (4 Credits)
Requisite(s): BIO-4005L,BIO-2250 and CHE-2102
Parasitology is the study of how organisms can take over and harm another organism. Sometimes it can be lethal. We will study examples of protozoa, worms, and insects that parasitize both plants and animals. Lecture will focus on the mechanisms of how parasites infect hosts, and life cycles of these parasites. If there are treatments or drugs available we will learn how these work. Lab will focus on parasites of plants and animals, especially live parasites of dead fish. We will also study preserved slides and dissect whole preserved specimens, as well as conduct local field trips to a vet's office and research labs.

BIO-4403 Endocrinology (3 Credits)
Requisite(s): BIO-2250
A survey of the cells and organs of internal secretion and their products. The endocrine secretions and their interactions will be considered as will mechanism of target signaling. Three lecture hours per week.

BIO-4405 Immunology (3 Credits)
Requisite(s): BIO-2250,BIO-2250L,BIO-4405L
This course is a study of the cell biology, biochemistry, molecular biology, and histology of the human and mouse immune systems.
Typically offered: Fall Only

BIO-4405L Immunology Laboratory (1 Credit)
Requisite(s): BIO-2250,BIO-2250L,BIO-4405
This course is a corequisite laboratory experience to BIO-4405. Students will conduct experiments that explore a variety of immunoassays. This is a 3-hour lab.
Typically offered: As Needed

BIO-4409 Neurobiology (4 Credits)
Requisite(s): BIO-2250,BIO-4409L
A study of nervous system organization, function, and development. Major concepts in neurobiology including impulse conduction, synaptic transmissions, sensory processing, motor function, and memory. Three lectures and three lab hours per week.

BIO-4420 Virology (3 Credits)
Requisite(s): BIO-2250,BIO-2250L,BIO-4420L,CHE-2102,CHE-2102L
This course provides an introduction to bacterial, animal and plant virology. Students will learn general methodologies in virus research. Topics include virus structure, the biochemistry of viral replication, and general features of virus-host cell interaction.
Typically offered: As Needed

BIO-4420L Virology Laboratory (1 Credit)
Requisite(s): BIO-2250,BIO-2250L,BIO-4420,CHE-2102,CHE-2102L
This course is a corequisite laboratory experience to BIO-4420. Students will conduct experiments that explore the detection and analysis of various viruses. This is a 3-hour lab.
Typically offered: As Needed

BIO-4450 Pharmacology (3 Credits)
Requisite(s): BIO-1202 or BIO-1141
A study of drugs and drug actions, including pharmacokinetics and pharmacodynamics. This course reviews the mechanism of action of various classes of drugs. Three lectures per week.

BIO-4480 Bioinformatics (4 Credits)
Requisite(s): BIO-2250,BIO-4480L,CHE-2102
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, analysis of gene expression. Three lectures and three lab hours per week.

BIO-4990 Internship in Biology (1-4 Credits)
Internship in Biological sciences based on student/mentor agreement. Internships must be approved by the department Chairperson.
Typically offered: As Needed

BIO-4995 Independent Study in Biology (1-5 Credits)
Independent study under the direction of a faculty member. For Biology majors only.
Typically offered: All Sessions

BIO-4998 Biology Seminar (1 Credit)
Requisite(s): Senior standing
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. For Biology majors with senior standing only.
Typically offered: All Sessions

BIO-5101 History of Medicine in America (3 Credits)
This course surveys the major challenges and advancements in biology and medicine in America from the early 17th century to present day and the impact 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.
Typically offered: All Sessions

BIO-5310 Honors Seminar: Ethical, Legal & Social Implications of the Human Genome Project (3 Credits)
Cross-listed with: SOC-5402. 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.
Fulfills General Education Requirement: NPW, SEH

BIO-5401 Special Topics in Biology: Marine Biology in Belize (3 Credits)
Cross-listed with: BIO-1102, BIO-4000 and PSY-4014. Discussion and analysis of problems in biology that are not covered in regular course work. The specific content of the course will remain flexible in response to student and departmental interest. Course requires travel. Contact Dr. Nolan, Chairperson-BIO at knolan@sfc.edu
Typically offered: As Needed

BIO-5402 Marine Biology in Honduras (3 Credits)
Requisite(s): Take BIO-2250 CHE-2102;
Marine Biology in Honduras. Course requires travel to Honduras.. Please contact Dr. Nolan, at KNolan@stfranciscollege.edu or (718) 489-5439 for additional information.
Typically offered: As Needed

BIO-5403 Special Topics in Biology: Honoring the Parks (3 Credits)
This course will focus on the ecology, sustainability, and history of national and local parks in the NYC area. Parks are at the core of what makes our area unique and exciting, providing natural oases as well as critical reflections on our past. This course will be hands-on and exploratory: We will visit parks and experience them for ourselves, while also digging into their deeper role in shaping our city and culture. The parks we visit and learn about may include Jamaica Bay Wildlife Refuge, Ellis Island, the American Museum of Natural History, the Tenement Museum, and Brooklyn Bridge Park, among others.
Fulfills General Education Requirement: NPW, SEH
Typically offered: As Needed

BIO-5404 Special Topics in Biology: Hunger- Biotechnology, Conservation (3 Credits)
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.
Typically offered: As Needed

BIO-5405 Special Topics in Biodesign Biotechnology, Conservation (3 Credits)
Everyday objects are designed for human use, yet many contribute to chemical and plastic pollution, carry a high carbon footprint, and may live in landfills for centuries after their use is completed. What if we could grow a house, or replace toxic processes with harmless ones? In considering how to minimize our impact on the planet, and what a grown future might look like, we will speculate, learn, and critique through the interdisciplinary practices of Biodesign. In this seminar, participants will take part in the Biodesign Challenge, which links students with a team of expert consultants, access to extensive resources, and participation in the biodesign community through webinars and other events throughout the semester. Through speculative and creative thinking, research and innovation, teams of students will envision, develop, and prototype a biodesign project addressing a real problem with an achievable design Together the honors class will analyze each team's proposal select one to represent SFC at the Biodesign Challenge summit in June 2022.
Typically offered: As Needed

BIO-5406 Food Diversity and Traditions of NYC Biotechnology, Conservation (3 Credits)
New York City is an eater's paradise. Food lovers travel far and wide for a birria taco truck in Queens, dim sum treats and dumplings in Manhattan, or the many delights of Brooklyn's Smorgasbord. This robust food culture arises largely from the outstanding diversity of human culture that underpins NYC's identity, and the large diversity of plants, animals, and other organisms that people import from around the world. In this course we will take both a cultural and scientific approach to explore the connection between our diets, our city, and the biodiversity that makes it possible. We will explore how foods have shifted over the city's history, and how this reflects global changes, human migration, local ecological shifts, outside influences, and sustainability. This course will involve eating a variety of foods and a lot of travel throughout NYC. Accordingly, students must be up for trying new foods and be able to walk for two or more miles.
Typically offered: Fall Only

Business (BUS)

BUS-1001 Organization and Management (3 Credits)
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.
Typically offered: All Sessions

BUS-1028 Franciscan Career Transformation: Optimizing Human Capital (3 Credits)
Requisite(s): Take 14 credits;,Upper Freshman Standing;
Using a Franciscan, holistic approach coupled with human resource practices, students will learn about the values, missions, and cultures of organizations in various industries to better align each student's personal values and purpose with those of potential future employers. Through a transformative process of reflection, assessments, career exploration, planning and follow-through with preliminary employment strategies, students will take responsibility for their professional satisfaction by establishing a development plan to take them from their remaining time at St. Francis College to their life after the College. Students will increase their self-awareness to learn how to effectively manage their careers and maximize their contribution, as well as create a career development portfolio to proactively use as a tool when pursuing desired professional opportunities.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

BUS-1204 Business and Society (3 Credits)
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.
Typically offered: Fall Only

BUS-1771 Intro to Fashion and Retail Management (3 Credits)
Requisite(s): Take 14 credits;,Upper Freshman Standing;
This course offers an introduction to the fashion and retail industries. Students will learn fashion and retail terminologies and will have the opportunity to learn about career pathways within both industries. Students will examine all segments of fashion, retail and related businesses and learn how both continue to evolve in the consumer and technology-driven marketplace.
Typically offered: All Sessions

BUS-2001 Global Business (3 Credits)
Requisite(s): BUS-1001
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.
Typically offered: As Needed

BUS-2003 Changes in Corporate Culture & Your Career (3 Credits)
Requisite(s): AMS-1001 for students pursuing American Studies minor
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.
Typically offered: Spring Only

BUS-2004 Corporate Social Responsibility in Film Career (3 Credits)
Requisite(s): BUS-1001 or ENT-1001
This course will examine a wide range of corporate social responsibility dilemmas, principles, and moral reasoning that impact contemporary businesses through examination of documentaries and popular films combined with real-world case studies. Students will explore how characters in films and business executives in cases confront issues, make choices, and face the consequences of corporate behavior. Through participation in discussions and group projects, students will clarify the importance of ethical and legal behavior in corporate management and explore the role of the company as a member of society.
Fulfills General Education Requirement: PEM
Typically offered: As Needed

BUS-2005 Sustainable Devt: the Business Case Career (3 Credits)
Requisite(s): BUS-1001 or ENT-1001
An increasing number of businesses have discovered that being 'green', 'socially responsible', or 'sustainable' does not mean that they have to forego making money or doing well. In addition, many businesses, especially multinationals, have decided that it is in their, as well as society's, best interests to work toward the United Nations' Sustainable Development Goals (SDGs), even though doing so brings new challenges to how business is done. This course has three purposes. First, it introduces students to the SDGs and what they mean. Second, it builds the business case for engaging in sustainable practices. And third, it provides tools to help students determine and analyze when and how conflicts between the first two can emerge. 3 credits. Offered as needed.

BUS-2205 Management of a Small Business (3 Credits)
Requisite(s): BUS-1001
Emphasis is placed on the individual responsibilities involved in operating a family business or in starting up a business such as a retail store, a distribution warehouse, a sales organization, a contracting firm, or any other type of small business. Students study the legal aspects, financial processes, marketing methods, managerial techniques, and general operating procedures that will increase their abilities to achieve and maintain a profitable business entity.
Typically offered: As Needed

BUS-2260 Business Writing: Jumpstart Your Career (3 Credits)
Requisite(s): WRI-1100 or HON-5101
This course will provide instruction and practice in business writing and professionalism.
Typically offered: As Needed

BUS-2772 Fashion Product Development and Sourcing (3 Credits)
Requisite(s): Take 14 credits;,Upper Freshman Standing;
This course focuses on the product development, and sourcing processes of fashion brands, from idea generation, screening, concept development, prototyping, testing and commercialization of new products through launch. Cross-functional relationships among departments and managers responsible for the design, production, marketing, and sales are examined. Special emphasis on sustainability issues.
Typically offered: Spring Only

BUS-3342 Business Ethics (3 Credits)
Requisite(s): One 2000-level PHI course
Designed to illustrate that responsible behavior can be compatible with a healthy bottom line even in todays highly competitive business world. Basic philosophical and business doctrines are studied and applied to real-life situations. Issues examined include the merits of affirmative action, privacy rights of employees, environmentalism, whether cost savings justify outsourcing production to countries with little protection for workers and whether whistle blowers are protecting the public or betraying fellow employees. This course can be taken either as a business elective or as one of the three philosophy courses required of all students. Prerequisite: PHI 2201 or PHI 2203. 3 credits. Offered as needed.
Typically offered: As Needed

BUS-4000 Business Research- Marketing (3 Credits)
Requisite(s): Junior or Senior standing
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 will be guided by the student's interests in collaboration with the instructor.
Typically offered: As Needed

BUS-4001 Special Topics in Business (3 Credits)
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.
Typically offered: As Needed

BUS-4004 Sports Entrepreneurship and Innovation (3 Credits)
This course examines the current trends of innovative and entrepreneurial movements in sports. The multi billion-dollar sports industry offers several entrepreneurial opportunities in the areas sports franchise, sports agency, and small sports business management professions and programs. Case studies of sport business ventures in professional and collegiate sports, and the sports apparel industry will be the emphasis the material covered. This course will provide methods and practices of business plans and the financial aspects associated with entrepreneurial and small business ventures.
Typically offered: As Needed

BUS-4007 Special Topic: Franchising (3 Credits)
Requisite(s): Take MKT-2201;
In this course, students will learn about franchising and understand the legal requirements surrounding franchised businesses. Prereq. BUS1001 or ENT1001
Typically offered: As Needed

BUS-4009 Special Topic: Pricing Strategies (3 Credits)
Requisite(s): Take MKT-2201;
The role of the various pricing frameworks and tactics (e.g. value pricing, cost-plus, segmentation, bundling) in consumer behavior and implications for marketing strategies. Integration of behavioral economics frameworks and models of consumer behavior with particular attention given to understanding and analyzing the issues, problems, and opportunities characteristic of the theory and practice of setting prices. Pricing examples from various industries and legal aspects of pricing will also be discussed.
Typically offered: As Needed

BUS-4011 Special Topics: Business Sustainability And the Role of Information Technology Media Marketing (3 Credits)
Requisite(s): BUS-1001 or IT-1001
Sustainability has become main stream concept. Many Fortune 500 companies have incorporated sustainability as part of their overall strategy and set sustainability targets. This has elevated the role of information and communication technologies (ICT). ICT emerged as an enabler for executing and measuring an organization's sustainability strategy. It is also a facilitator of innovative business models that contribute to sustainable development. The course provides an elementary overview the concept of sustainability and how companies are integrating sustainability into their strategy. Students learn about the different sustainability rankings and ratings. Special attention will be given to how technology can contribute to sustainable development and environmental and social innovation. In the class students will discuss how businesses can successfully work with IT to advance the triple-bottom line based on the latest research insights and case studies. Students will be required to make a presentation about the sustainability strategy for a tech company at the end of the class.
Typically offered: As Needed

BUS-4017 Special Topics: Business Culture and & Industries in Turkey, Faculty-Led Study Abroad (3 Credits)
Requisite(s): BUS-1001
Introduces students to major areas of business in Istanbul and enables them to understand the focus of business concentrations(course requires travel to Turkey). Examines how Turkish 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 and visiting businesses in Istanbul. This course will present an overview of Turkish business operations. It will discuss various techniques used by businesses today, what works, what doesn't work and why. It will help you understand the forces that impact business operations, such as the economy, cultural and environmental issues, and political and social pressures. Class Meeting Time (attendance is mandatory): May 16 Introduction May 18-25 Trip to Istanbul May 26-30 Online May 31 Presentation
Typically offered: As Needed

BUS-4019 Special Topics: Marketing Innovation & New Product Development Study Abroad (3 Credits)
Requisite(s): BUS-4018
This course is designed for business and non-business students who want to use their creativity and knowledge to create and market novel products and services for consumers. Students pursuing for-profit or non-profit entrepreneurship ventures will be required to create a value proposition for their new innovation, strategies to protect their intellectual property, and a marketing plan to deliver their new product/service to customers. As a result of this course, students will be capable of conducting effective market analysis, industry analysis, competitive analysis, and risk analysis to successfully market an innovation for an entrepreneurship venture.
Typically offered: As Needed

BUS-4022 Special Events Planning and Management (3 Credits)
Requisite(s): BUS-1001
This course is designed for business and non-business students interested in learning the skills necessary to create, organize, budget, plan, promote and implement a wide-range of events. This range includes but is not limited to: fundraisers and auctions, special receptions, ceremonies and commemorative events, celebrations and reunions, weddings and galas, informative events, meetings and conferences. Through hands-on learning, case studies and guest lectures, students will develop skills necessary for creating their own entrepreneurial events or managing events for private or non-profit organization.
Typically offered: As Needed

BUS-4024 Fundraising and Community Relations (3 Credits)
Requisite(s): Take BUS-1001;
This course provides students with the fundamentals of fundraising and community relations with a special focus on nonprofit organizations, especially those challenges facing small to mid-sized community organizations; development of viable strategies for attracting diverse and sustained financial support for nonprofits; development of strategies for dealing with clients, area residents, members, trustees, legislators, the press, and other important constituents; practical, hands-on exploration of the skills and knowledge needed to equip managers of nonprofits to position their organizations effectively in the community.
Typically offered: As Needed

BUS-4025 Sustainability and Marketing (3 Credits)
Requisite(s): Take BUS-1001;
Many Fortune 500 companies have incorporated sustainability as part of their overall strategy. They have set targets for their triple-bottom line, which includes environmental, social and governance performance metrics. Being a responsible company is good business. The seminar provides an elementary overview the concept of sustainability, how companies are integrating sustainability into their strategy, and how sustainability can be communicated to company's stakeholder groups. They learn the spectrum of sustainability marketing - from sustainability reports to sustainability ratings. Students will discuss global sustainability trends, the rising consumer demand for green and socially responsible products, and potential traps, such as greenwashing.
Typically offered: As Needed

BUS-4026 Human Resources and Technology (3 Credits)
Requisite(s): Take HR-2201 or HR-2204
Technology has altered the Human Resources office as we've known it. The evolution of technology and software programs makes it possible to use systems and data techniques to streamline HR processes. We will explore recruitment, HRIS systems, performance management and social media strategies and their impact to the organization. Whether it's planning for the company's future or creating and implementing cost cutting plans, the tools are available and ready to be part of our everyday duties.
Typically offered: As Needed

BUS-4027 Topic: Nonprofit Management (3 Credits)
Requisite(s): BUS-1001
This course provides an overview of the principal theories, management practices and challenges of nonprofit and nongovernmental organizations. Through readings, case studies and first-hand accounts, students explore the role of non-profits in society, public affairs and facilitating social change. Particular attention is paid to helping students hone communication skills that will be needed throughout their time in the master's program, including self-expression (through class participation), group work (through analysis of a case study), academic writing (by completing two papers) and public speaking (case study presentation).
Typically offered: As Needed

BUS-4990 Internship in Business (1-3 Credits)
Supervised work experience in various fields of business. Requires the submission of a written report. May be taken twice for credit.
Typically offered: On Demand

BUS-4995 Independent Study in Business (1-3 Credits)
Individual research and study with the approval of the Management department.
Typically offered: On Demand

BUS-4998 Capstone Business Policies (3 Credits)
Requisite(s): FIN-3301 or ECO-3331,MKT-2201,MAT-2301 or ORM-3301,Senior Standing - 90 credits, ,HR-2204
The focus of this capstone course is a dynamic, competitive business simulation in which students run a company, filling the roles of managers in such areas as strategic planning, production, operations, marketing, and finance. Students learn about planning, time management, and team building in a business environment.
Typically offered: All Sessions

BUS-5401 Contemporary Business Issues: Sustainable Development (3 Credits)
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.

BUS-5402 Business Leaders in Us History Sustainable Development (3 Credits)
This course examines the use of biographies as a way to explore and understand US Economic History. Beginning by evaluating the value of using Biographies as a means of exploring economic history, biographies of well known entrepreneurs and successful business figures such as Vanderbilt, Rockefeller, Morgan and Gates will be studied.
Typically offered: Fall Only

BUS-6995 Independent Study in Business (1-3 Credits)
Graduate students only. Independent research and study in a topic in Business including submission of a written report. Prerequisites: graduate standing and approval of the department chairperson.
Typically offered: As Needed

BUS-7999 Business Policies Capstone (3 Credits)
Graduate students only. The focus of this capstone course is a dynamic, competitive business simulation in which students run a company, filling the roles of managers in such areas as strategic planning, production, operations, marketing, and finance. Students first learn about the role of strategic planning through case analysis and then apply their skills in the simulation. As managers, students handle labor negotiations, address total quality managment issues, analyze and determine financing options, and address boards of directors.

Business Law (BL)

BL-2000 Law in U.S. Culture: From the Constitution to Law and Order (3 Credits)
Requisite(s): Take AMS-1001 and WRI-1100 or HON-5101
The course introduces students to law within the context of U.S. culture. Students start with an introduction to the U.S. legal system and then consider selected contemporary issues in the law, from birth, education, marriage and owning property, to end-of-life issues surrounding death. Students learn how law is portrayed in U.S. culture by examining the treatment of law on television, in films and in literature. The course is directed to students in the American Studies Certificate Program and is open to all students.
Typically offered: As Needed

BL-2101 Business Law I (3 Credits)
Requisite(s): BUS-1001,Sophmore standing
An introduction to the law and U.S. legal system; dispute resolution; business crimes; torts; contracts, and sales under Article 2 of the Uniform Commercial Code; consumer protection law of warranties and product liability.
Typically offered: All Sessions

BL-2102 Business Law II (3 Credits)
Requisite(s): BL-2101
Agency; business forms; sole proprietorships, franchising, partnerships, limited liability companies, corporations; securities regulation; liability of accountants; property: personal, real, intellectual; bankruptcy.
Typically offered: All Sessions

BL-2201 Women and the Law (3 Credits)
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 system; and sex equality under international law.
Typically offered: All Sessions

BL-2301 The Law of Death and Dying (3 Credits)
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 and medical marijuana; and estate planning instruments such as wills and trusts.
Typically offered: All Sessions

BL-2401 Sports and the Law (3 Credits)
Requisite(s): SPM-1001
Cross-listed with: SPM-2080. 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.
Typically offered: All Sessions

BL-2501 Law in U.S. Culture: From the Constitution to Law and Order (3 Credits)
Requisite(s): Take AMS-1001 and WRI-1100 or HON-5101
The course introduces students to law within the context of U.S. culture. Students start with an introduction to the U.S. legal system and then consider selected contemporary issues in the law, from birth, education, marriage and owning property, to end-of-life issues surrounding death. Students learn how law is portrayed in U.S. culture by examining the treatment of law on television, in films and in literature. The course is directed to students in the American Studies Certificate Program and is open to all students.
Typically offered: As Needed

BL-2601 BUS & DEI: the Human Rights Lens (3 Credits)
Requisite(s): HIS-1203/PSC-1203 or BUS 1001
This course will introduce students to the fundamentals of organizational and behavioral change through the lens of Human Rights and DEI (Diversity, Equity and Inclusion).
Typically offered: As Needed

BL-3001 Real Estate Law Constitution to Law and Order (3 Credits)
Requisite(s): Take BUS-1001 and BL-2101;
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.
Typically offered: As Needed

BL-3101 International Business Law (3 Credits)
Requisite(s): BL-2101
This course examines the origins of world legal system and sources of international law; legal risks of international business; resolution of international 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 is issues.
Typically offered: Fall Only

BL-4995 Independent Study in Bus Law (1-3 Credits)
Individual research and study--including submission of a written report. Maximum two semesters. Requires chairperson approval.
Typically offered: As Needed

BL-5301 The Law of Death and Dying (3 Credits)
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 and medical marijuana; and estate planning instruments such as wills and trusts.
Fulfills General Education Requirement: PEM, SEH
Typically offered: Fall Only

BL-5302 Law in US Culture: From the Constitution to Law and Order (3 Credits)
Requisite(s): AMS-1001 for students pursuing American Studies minor
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.

Career Planning Seminar (CPS)

CPS-2001 Managing Your Future: Career and Major Exploration (1 Credit)
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.
Typically offered: Spring Only

Chemistry (CHE)

CHE-1000 Chemistry in Society (3 Credits)
Designed for non-science majors. Chemical principles are developed and applied to a series of major societal/technological issues such as global warming, water quality, acid rain, food additives, alternate energy sources, etc. Three lecture hours per week. 3 credits. Every year; day and evening.
Typically offered: Fall Only

CHE-1101 Chemistry and Life I (4 Credits)
Requisite(s): MAT-1101 or higher,CHE-1101L,CHE-1101R
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. Lab fee.
Fulfills General Education Requirement: NPW

CHE-1102 Chemistry and Life II (4 Credits)
Requisite(s): CHE-1101 or CHE-1201,CHE-1102L,CHE-1102R
Continuation of CHE 1101. Lab fee.
Fulfills General Education Requirement: NPW

CHE-1105 Chemistry for Health Sciences (3 Credits)
Requisite(s): MAT 1105 or Higher (except MAT-2301),CHE-1105L
This course is intended to provide students with a descriptive background in general, organic and biochemistry so that subsequent courses taken such as, nutrition and pharmacology, can be appreciated on a molecular level. The first part of the course will focus on fundamentals of general chemistry dealing with the nature of atoms, atomic structure, bonding and role of nuclear chemistry in medicine. The second half of the course will focus on the structure and nomenclature or organic and biomolecules and their role in health-related systems.
Typically offered: Fall Only

CHE-1105L Chemistry for Health Science Laboratory (1 Credit)
Requisite(s): MAT-1105 or Higher (except MAT-2301),CHE-1105
This course is a corequisite laboratory experience to CHE-1105. Students will conduct experiments that investigate a broad spectrum of chemistry, from general to organic and biological chemistry. You will investigate applications of chemistry to biological materials. This is a 3-hour lab.

CHE-1201 General Chemistry I (4 Credits)
Requisite(s): MAT-1105 or Higher (Except MAT-2301),CHE-1201L
This course is intended for science majors with a strong emphasis on the quantitative aspects of chemistry. 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 aspects as stoichiometry and moles.
Typically offered: All Sessions

CHE-1201L General Chemistry I Lab (1 Credit)
Requisite(s): MAT-1105 or Higher (except MAT-2301),CHE-1201
This course is a corequisite laboratory experience to CHE-1201. Students will conduct experiments that investigate atomic structure, elemental and molecular properties, bonding and structure, and stoichiometry. Students will be evaluated on their practical and communication skills. This is a 3-hour lab.
Typically offered: Fall Only

CHE-1202 General Chemistry II (4 Credits)
Requisite(s): MAT-1107 or Higher (except MAT-2301),CHE-1201,CHE-1201L,CHE-1202L
This course is a continuation of CHE 1201. The principles learned in CHE-1201 will be applied in a more systematic way. Students will discover the reasons why chemical reactions occur (thermodynamics), how fast they occur (kinetics), and what happens when reactions and processes seem to stop (equilibrium). We then apply these systematic approaches to two basic reaction types: Acid/Base reactions and Electrochemical reactions. Couse materials will be covered using quantitative and qualitative approaches.
Typically offered: All Sessions

CHE-1202L General Chemistry II Lab (1 Credit)
Requisite(s): CHE-1201,CHE-1201L,CHE-1202,MAT-1107 or Higher (except MAT-2301)
This course is a corequisite laboratory experience to CHE-1202. Students will conduct experiments that focus on a systematic approach-using principles of thermodynamics, kinetics, and equilibrium -to chemical and physical processes. These systematic approaches will be applied to acid/base chemistry and electrochemical reactions. This is a 3-hour lab.
Typically offered: Spring Only

CHE-2050 Analytical Chemistry (3 Credits)
Requisite(s): CHE-1202,CHE-1202L,CHE-2050L
Students will build on material covered in CHE-1201/02. The emphasis is on the quantitative aspects of chemistry. Students will apply quantitative methods to gravimetric and volumetric analysis, solubility products, acid-base reactions, oxidation-reduction reactions, and complex formation. Quantitative results will be assessed for precision and statistical relevance.
Typically offered: As Needed

CHE-2050L Analytical Chemistry Laboratory (1 Credit)
Requisite(s): CHE-1202,CHE-1202L,CHE-2050
This course is a corequisite laboratory experience to CHE-2050. Students will conduct experiments that apply chemical principles to chemical reactions and quantitatively analyze the results. Students will also use statistical analysis to determine the accuracy and precision of their results. This is a 3-hour lab.
Typically offered: As Needed

CHE-2101 Organic Chemistry I (4 Credits)
Requisite(s): CHE-1202,CHE-1202L,CHE-2101L
This course will prepare students to understand the role that organic chemistry plays in advanced chemistry and biology. You will learn about the different organic functional groups and how to systematically name them. The orientation of chemical groups is important and you will apply theories of symmetry to the naming and reactivity of the various functional groups.
Typically offered: All Sessions

CHE-2101L Organic Chemistry I Laboratory (1 Credit)
Requisite(s): CHE-1202,CHE-1202L,CHE-2101
This course is a corequisite laboratory experience to CHE-2101. The course begins by demonstrating tools that allow students to differentiate between organic substances. Students will then apply their knowledge of stereochemistry to demonstrate an understanding of nomenclature. Most of the emphasis of the course involves developing skills that allow students to separate the compounds in a mixture, and some simple syntheses will be used to demonstrate understanding. This is a 4-hour lab.

CHE-2102 Organic Chemistry II (4 Credits)
Requisite(s): CHE-2101,CHE-2101L,CHE-2102L
This course is the second in the organic chemistry sequence and is the continuation of CHE-2101. The course builds on the knowledge acquired in CHE-2101 and allows you to develop a deeper understanding of the chemistry of the various organic functional groups. The emphasis is placed on learning the principles behind reaction mechanisms and reagents. Furthermore, you will learn how to use spectroscopic techniques to identify the different functional group and molecular structures.
Typically offered: All Sessions

CHE-2102L Organic Chemistry II Laboratory (1 Credit)
Requisite(s): CHE-2101,CHE-2101L,CHE-2102
This course is a corequisite laboratory experience to CHE-2102 that builds on the synthetic and separation techniques introduced in CHE-2101L. You will perform additional organic syntheses that broaden skills developed in CHE 2101L. You will strengthen you skills at separating mixtures and apply spectroscopic techniques to identify unknown products. This is a 4-hour lab.
Typically offered: Spring Only

CHE-2301 Inorganic Chemistry (3 Credits)
Requisite(s): CHE-1202,CHE-1202L,CHE-2301L
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 address 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.

CHE-2301L Inorganic Chemistry Laboratory (1 Credit)
Requisite(s): CHE-1202,CHE-1202L,CHE-2301
This course is a corequisite laboratory experience to CHE-2301. Students will conduct experiments that investigate thermodynamics, kinetics, equilibria, acid/base chemistry, and inorganic syntheses. This is a 3-hour lab.
Typically offered: Spring Only

CHE-3001 Biochemistry (3 Credits)
Requisite(s): CHE-2102,CHE-2102L,CHE-3001L
Biochemistry applies basic principles of chemistry - thermodynamics, kinetics, equilibrium, acids/bases to biological processes. The course will cover course deals with the properties of important biological molecules in cell biology, metabolism, and molecular genetics. An emphasis is placed on structure-function relationships and biosynthesis.
Typically offered: All Sessions

CHE-3001L Biochemistry Laboratory (1 Credit)
Requisite(s): CHE-2102,CHE-2102L,CHE-3001
Chemistry is the study of the nature of substances and their transformations. This course is designed to give you a glimpse of the general methods utilized in a biochemistry laboratory. You will perform techniques such as chromatography, SDS-PAGE gel electrophoresis, ion exchange chromatography, gel filtration, protein isolation, and enzyme kinetics. This is a 4-hour lab.
Typically offered: Spring Only

CHE-3002 Bio-Analytical Chemistry (4 Credits)
Requisite(s): CHE-2102,CHE-3002L,PHY-2002
For biology majors only. Theoretical and practical knowledge of modern analytical chemistry including statistics, volumetric and gravimetric analysis, chemical and electrochemical equilibrium, acid-base, and chemistry. Introduction to instrumental methods of analysis including spectrophotometry, FT-IR, and Chromatography (HPLC, GC-MS, GC). Two lecture and five lab hours per week. Lab fee.

CHE-4001 Physical Chemistry I (3 Credits)
Requisite(s):
CHE-2102,CHE-2102L,MAT-2203,CHE-4001L,PHY-2002,PHY-2002L
Atomic, molecular and crystal structure; thermodynamics; solution properties; chemical kinetics; and electrochemistry.
Typically offered: As Needed

CHE-4001L Physical Chemistry 1 Laboratory (1 Credit)
Requisite(s): CHE-2102,CHE-2102L,
MAT-2203,CHE-4001,PHY-2002,PHY-2002L
This course is a corequisite laboratory experience to CHE-4001. Experiments that investigate Thermodynamics; solution properties; chemical kinetics; and electrochemistry will be conducted. This is a 4-hour lab.
Typically offered: As Needed

CHE-4002 Physical Chemistry 2 (3 Credits)
Requisite(s): CHE-4001,CHE-4001L,CHE-4002L
An in-depth exploration of topics relevant to physical chemistry including: Quantum chemistry; Atomic and molecular structure; Molecular spectroscopy.
Typically offered: As Needed

CHE-4002L Physical Chemistry 2 Laboratory (1 Credit)
Requisite(s): CHE-4001,CHE-4001L,CHE-4002
This course is a corequisite laboratory experience to CHE-4002. Experiments that investigate Quantum chemistry, Atomic and molecular structure, Molecular spectroscopy will be conducted. This is a 4-hour lab.
Typically offered: As Needed

CHE-4050 Instrumental Methods of Analysis (3 Credits)
Requisite(s): CHE-2050,CHE-2050L,CHE-4001,CHE-4001L,CHE-4050L
Understanding what instruments to use - and what information that they provide - is vital in chemistry. Instruments allow us to identify chemicals and to follow the progress of chemical reactions. By the end of this course, you will have gained an understanding and appreciation for the theory, basic design and applications of three categories of chemical instrumentation: (1) spectroscopic, (2) electrochemical (potentiometric only) and (3) instruments and methods used for chemical separations. Most of the emphasis of the material will be spectroscopy.
Typically offered: As Needed

CHE-4050L Instrumental Methods of Analysis Laboratory (1 Credit)
Requisite(s): CHE-2050,CHE-2050L,CHE-4001,CHE-4001L,CHE-4050
This course is a corequisite laboratory experience to CHE-4050. You will apply theories of spectroscopy, chromatography, electroanalytical chemistry and mass spectrometry in the laboratory and gain experience in using modern chemical instrumentation. This is a 4-hour lab.
Typically offered: Fall Only

CHE-4990 Internship in Chemistry (1-2 Credits)
Students may intern during the summer at approved research and development companies. 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.
Typically offered: As Needed

CHE-4993 Chemical Research I (3 Credits)
Independent laboratory research under faculty guidance.
Typically offered: As Needed

CHE-4994 Chemical Research II (3 Credits)
Requisite(s): CHE-4993
Continuation of CHE 4993.
Typically offered: As Needed

CHE-4995 Independent Study in Chemistry (1-5 Credits)
Individual research in an approved area. Library research, conferences, report, or special project. Approval of the department Chairperson is required.
Typically offered: As Needed

CHE-4996 Independent Study in Chemistry (1-4 Credits)
Individual research in an approved area. Library research, conferences, report, or special project. Approval of the department Chairperson is required.
Typically offered: As Needed

CHE-4998 Senior Project (3 Credits)
Requisite(s): Open to seniors in Chemistry majors
Individual investigation in some special field of chemistry, may involve literature or laboratory research. Required of majors in senior year.
Typically offered: As Needed

CHE-5001 Honors Seminar: Understanding Our Environment (3 Credits)
At the heart of the Franciscan tradition is a quest to live a more moral and authentic life where our role is to serve as custodians of the earth. As custodians it is vital that we acknowledge the current state of our environment and to act in ways that improve that status. To this end it is necessary to be able to evaluate information pertaining to the environment and to place that information in its proper perspective. This course will lead us in an investigation of the history of environmentalism, the speciation and toxicology of chemicals, health and quality of life issues, regulatory controls, the economy, and politics. We will then examine in greater depth a number of current and historical environmental cases. By the end of this course you should be able to critically evaluate issues of environmental concern and to determine the best way that we as individuals, and as a group, can be agents of positive change and, thereby proceed as custodians of the earth.
Fulfills General Education Requirement: NPW, SEH
Typically offered: As Needed

CHE-5002 A Short History of Nearly Everything Environment (3 Credits)
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.
Typically offered: As Needed

Childhood Education (CED)

CED-2200 Methods of Effective Teaching in the Inclusive Classroom (1-6) (3 Credits)
Requisite(s): Complete ED-1201 with a grade of B or higher,Complete ED-2020 with a grade of B or higher
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.
Typically offered: All Sessions

CED-3000 Methods of Instruction in Science (grades 1-6) (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching science in the elementary classroom.
Typically offered: All Sessions

CED-3200 Methods of Instruction in Mathematics (grades 1-6) (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher.,Complete ED-2020 with a B grade or higher.,MAT-1103,MAT-1104
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching mathematics in the elementary classroom.
Typically offered: Spring Only

CED-3300 Methods of Instruction in Writing (grades 1-6) (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching writing in the elementary classroom.
Typically offered: Fall Only

CED-3700 Methods of Instruction in Social Studies And Geography (grades 1-6) (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,Completed 6 credits and cumulative 3.0 GPA or higher.
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching social studies and geography in the elementary school classroom.

CED-4300 Methods of Instruction in Beginning Reading (grades 1-6) (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Study of basic principles, instructional practices, curricular trends, and necessary competencies in effectively teaching beginning reading.

CED-4990 Supervised Student Teaching (6 Credits)
Two full-time placements in an elementary school, middle school, or high school (as appropriate to the student's teaching level) of the student's senior year. Includes a bi-weekly seminar at the College. Restrictions apply regarding the number of other courses that may be taken during this semester. Course fee.
Typically offered: All Sessions

CED-4995 Independent Study (1-3 Credits)
Independent work in an area of special interest. Special project, report, or term paper.
Typically offered: On Demand

Communications (COM)

COM-1000 Fundamentals of Public Speaking (3 Credits)
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. No prerequisites, offered every semester, required of all students at St. Francis College.
Fulfills General Education Requirement: OC1
Typically offered: All Sessions

COM-1001 Introduction to Media Production (3 Credits)
This course will introduce students to media creation across three forms of media, which may include audio, video, and web-based content. Students in the course will analyze diverse media texts and create their own audio, video and one other project.
Fulfills General Education Requirement: HCE
Typically offered: All Sessions

COM-2000 Mass Communication (3 Credits)
This course 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 eco-nomic and social functions, along with social media, global communication and current controversies.
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

COM-2001 Writing for Media (3 Credits)
Requisite(s): WRI-1000 or WRI-1100
This course introduces students to the fundamentals of writing across the media: advertising, public relations, dramatic scripts, gaming, and online/broadcast news. Students will complete a variety of creative projects, and apply basic theory, through readings and discussion.
Fulfills General Education Requirement: HCE
Typically offered: All Sessions

COM-2002 Introduction to Advertising (3 Credits)
Requisite(s): COM-2000
An introductory course, COM 2002 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 will be investigated, as well as advertising's impact on popular culture and thought.
Typically offered: All Sessions

COM-2011 Topics in Mass Com: Media Writing - From Copy Writing, to Blogs and Radio (3 Credits)
Requisite(s): Take COM-1000
An introductory course that teaches, the basics of copy writing for advertising through traditional and digital distribution outlets such as blogging, magazine layout, and other various social media channels. This course will consider topics such as ethics, theory, history, consumer culture, and writing for the digital world. Students are encouraged, but not limited to, analyzing and creating copy for multiple platforms in advertising.
Typically offered: All Sessions

COM-2015 Mass Media and Society (3 Credits)
Requisite(s): COM-1000
This course explores issues in the interaction Mass Media and Society of the course is to develop critical perspectives on mass media, considering the interplay between media institutions, media content, culture, audiences, and society as well as the media's shifting relationships to politics, commerce, and identity.
Fulfills General Education Requirement: SEH
Typically offered: As Needed

COM-2030 Women in Film and Video (3 Credits)
Requisite(s): Must take COM-1000
This course examines women's contribution to film and video from multiple perspectives, introducing students to women's importance in film history as well as analyzing the work of contemporary women directors. The course will also examine what role moving images play in the construction of gender roles. Media viewed will range from Hollywood films to avant-garde video and will include films from several distinct cultural contexts, drawing on film and video created in at least three of the following contexts: Asia, Africa, South America, Australia, New Zealand, and Europe. Students will read and critique feminist film and media theory and examine women's roles in moving image media from across a cultural perspective.
Typically offered: All Sessions

COM-2040 Interpersonal Communication (3 Credits)
Requisite(s): COM-1000
A 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.
Typically offered: All Sessions

COM-2100 Acting I: Voice and Movement (3 Credits)
Requisite(s): COM-1000
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.
Typically offered: All Sessions

COM-2110 Acting II: Scene Study (3 Credits)
Requisite(s): Take COM-2100
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.
Typically offered: Spring Only

COM-2111 Language of Film (3 Credits)
Requisite(s): WRI-1100
This course introduces students to film aesthetics through the analysis of film form and style. The course aims to provide students with a fluency in, and, an understanding of film's unique language as it evolves technologically, historically, and generically. Beyond teaching students how to recognize and describe formal choices and techniques, students will be asked to engage in close readings of films, attending to the greater aesthetic significance and stakes of formal choices and innovations evident within a particular film, directorial oeuvre, period or movement. Understanding form in relation to content, we will look at the conventions of narrative film, the employment of formal techniques like cinematography - including shot sizes (from close-up to long shot), composition of shots, and lighting; editing, mise-en-scene; and the use of sound as they function within particular filmic contexts and as they function within film's systemic languages (like that of continuity editing and genre).
Fulfills General Education Requirement: HCE
Typically offered: Spring Only

COM-2200 Introductory Topic: Audio Production Audio Production (3 Credits)
Requisite(s): Take COM-1000
This course introduces students to the various facets and industries of audio production through the practical applications and theories of sound in modern culture. Students will learn about audio production for film, music, and television and will produce professional quality audio projects using non-linear audio editing software and hardware.

COM-2201 Introductory Topic: Feature Writing Audio Production (3 Credits)
Requisite(s): COM-1000
An intermediate course in the essential aspects of feature writing for magazines, journals, blogs and emerging electronic forms; writing projects will explore narrative, voice, editing, and pitching ideas for feature proposals. Students will hone their research and reporting skills, and gain an appreciative understanding of self-censorship in situational context. Dialoguing, interrogation and hostile friendly interviewing will be scrutinized. Readings will include a variety of memorable feature articles such as, Joan Didion, John McPhee and other notables.

COM-2202 Intro Topic: Alternative Media Audio Production (3 Credits)
Requisite(s): COM-1000
This course is an introductory course to alternative media scholarship, including the literature, media production, methods of inquiry, bibliographic skills, fundamentals of production and topical issues. The development of alternative media around the world will be considered, such as media from North and South America and Africa. 3 credit
Typically offered: Spring Only

COM-2203 Intro Topic: Sports and the Media Audio Production (3 Credits)
Requisite(s): COM-1000
For just about the past century, sports has been a microcosm of American culture and society. Countries across the world have sought to motivate and build national esteem of the population through participation in intra- and international competition. The record and interpretation of these activities is constructed through the media. Over the past 10 years the ways, means and rules have undergone revolutionary changes because of the popularity of social media (i.e. Facebook, Twitter, My Space, Instagram, Snapchat, etc.) This course will discuss the history of and changes in the media in the interpretation of how the public views professional and amateur sports from first generation platforms through today's social media.

COM-2204 Intro Topic: Gender, Race & Topic: Gender, Race, & the Media (3 Credits)
Requisite(s): COM-1000
Introductory course. This course is designed to give students a practical, along with a theoretical perspective with issues of gender, race, class, and sexuality, as they manifest in popular culture. The course is taught from a cultural studies perspective, where students will gain skills in critical analysis and media literacy. Concepts of power, privilege, justice, representations, hegemony, consumption and resistance will be woven throughout course readings, films, assignments, and discussions.
Typically offered: Fall Only

COM-2205 Topic: Food and Media Topic: Gender, Race, & the Media (3 Credits)
Requisite(s): COM-1000
Food is a dominant feature across the mass media. Social media - especially Twitter and Instagram - are saturated with the curious trend of food portraits: people taking pictures of whatever is on their plates. The imagery of food has been etched in the collective minds of Western culture through art. Many films of cultural significance feature food or dining locations. On television, cooking shows have mushroomed worldwide. At the same time, America has made unique contributions to world food - many of which are, unfortunately, negatively disruptive. Through effective marketing, the fast food and junk food markets have been exported to the rest of the world, leaving a toxic trail of consumerism, pollution and disease. Food & Media explores the complex intersection where two powerful forces meet. In this course, we will examine the specialty professions in food media, food advertisements with game-changing mascots and messages, movies, and TV shows that feature important food moments, as well as examine contrasting food cultures around the world.
Typically offered: Spring Only

COM-2300 Media Research Methods (3 Credits)
Requisite(s): COM-1000
In this course, students will investigate research methods in media and communication to become more knowledgeable consumers and producers of research from popular and academic sources. Topics covered will include what research is and why it's important, the process of conducting research, methods of textual analysis, and quantitative, qualitative, and historical methods. Students will apply learning to topics through case study inquiry and in course projects.
Typically offered: All Sessions

COM-3000 Topics in Mass Communications (3 Credits)
Requisite(s): COM-2000
An advanced intermediate course, COM 3000 continues the examination of issues begun in COM 304, investigating selected problems and controversies in the contemporary mass media from the perspective of practitioners. Topics include censorship and legal issues, the artistic strategies of popular forms, and new technologies and opportunities in the electronic media.

COM-3001 Topics in Mass Communications Audio Production (3 Credits)
Requisite(s): COM-2000
This course introduces students to the various facets and industries of audio production through the practical applications and theories of sound in modern culture. Students will learn about audio production for film, music, and television and will produce professional quality audio projects using non-linear audio editing software and hardware.

COM-3002 Topics: Media and Com. Research Methods Audio Production (3 Credits)
Requisite(s): COM-2000
In this course, students will investigate research methods in media and communication in order to become more knowledgeable consumers and producers of research from popular and academic sources. Topics covered will include what research is and why it's important, the process of conducting research, methods of textual analysis, and quantitative and qualitative methods. Students will apply learning to topics through case study inquiry and in course projects.
Typically offered: Spring Only

COM-3003 Topics: Intro to Screen Writing Audio Production (3 Credits)
Requisite(s): COM-2000
In this course we'll examine the fundamentals of movie structure and its narrative components: story, character, action, dialogue, etc. We'll discuss film genres and watch clips of popular (and not so popular) feature films and shorts. We'll analyze scenes from the motion pictures and screenplays that are considered models of story architecture, and much more. But most of all, we'll do a lot of writing projects.

COM-3004 Topics in Mass Communications The Press Release (3 Credits)
Requisite(s): COM-2000
Students will learn how to research, prepare, organize, write, present, illustrate and distribute one of the main products of the Public Relations industry -- the Press Release. Organizations need to articulate their message to the outside world in general terms but also with specific announcements and those announcements are called Press Releases. It takes clear and concise writing to communicate that message. Students will debate the best ways to communicate with concrete and jargon-free writing then execute the plan. Students will learn to focus and get straight to the point in their PR and marketing materials and will learn how best to distribute that material. The course is all about having the correct message and reaching the correct audience using the appropriate methods of distribution, be they print, digital or social. All students will complete a portfolio of work.

COM-3006 Topics in Mass Communications Sports in the Media (3 Credits)
Requisite(s): COM-2000
Since the beginning of the recorded history of human kind, sports have played a major roll in society. With the help of the Mass Media, sport has influenced every part of our society. This course will discuss how affects everything, from economics, politics, conversations, and our views in life in general. This course will through the Mass Media (Film, Television, the Press) and also delve into the recent phenomenon of the Social Media and how it will and has changed the world of sports forever.

COM-3007 Topics in Mass Communications Catholic Cinema (3 Credits)
Requisite(s): COM-2000
An advanced/intermediate course, students will view and respond to the films of John Ford and Mel Gibson with special attention to their Roman Catholic aesthetic. Through collateral reading and class dialogue, students will scrutinize and argue the controversial Ford-Gibson archive. Topics for inquiry will incorporate (for example) the proverbial use of Native-American performers and mystical locations in the Ford/Gibson oeuvre.

COM-3008 Topics in Mass Communications Catholic Cinema (3 Credits)
Requisite(s): COM-2000
In this course, students are taught the fundamentals of reporting the news for today's newspapers and magazines with photographic stories. Students examine and practice the aspects of photojournalism by conceptualizing, planning, and executing their photographic projects through class discussion, field trips, personal assignments, and photo critiques. Topics include: defining a subject, research, gaining access, storytelling, photo editing, writing captions, post production and pitching the story to a news outlet. Camera fundamentals will also be covered.

COM-3009 Topics: Women in Film and Video Catholic Cinema (3 Credits)
Requisite(s): COM-2000
This course examines women's contribution to film and video from multiple perspectives, introducing students to women's importance in film history as well as analyzing the work of contemporary women directors. The course will also examine what role moving images play in the construction of gender roles. Media viewed will range from Hollywood films to avant-garde video and will include films from distinct cultural contexts, drawing on film and video created in a number of the following contexts: the Americas, Asia, Africa, Australia, New Zealand, and/or Europe. Students will read and critique feminist film and media theory and examine women's roles in moving image media from a cross-cultural perspective.
Typically offered: Fall Only

COM-3010 Gender, Race & Class in Media (3 Credits)
Requisite(s): COM-2000
This course will examine the attitudes and consequences of the stereotypes (positive & negative) that evolve from the media. Gender, Race and Class are consistently under the media microscope and the filtering of these societal constructs are reshaping regularly. Gender is redefined; racial identity is challenged from within circles and outside; class is barely mentioned but poverty and homelessness are ever-present. Various media will be analyzed to consider how the corporate power structure filters these constructs; not just here in the United States but worldwide.

COM-3011 Topics in Mass Com: Radio Writing (3 Credits)
Requisite(s): COM-2000
In this course, students learn to write nonfiction audio podcast/radio stories as well as explore episodes of This American Life, Moth Radio Hour, Radio Lab, Serial, StoryCorps and other programs. Students create stories of varying lengths and genres, such as personal experience, investigation, interview and humor. This is a writing course, not a production course, though we use free and simple audio software so that students can record and publish their work.
Typically offered: As Needed

COM-3012 Special Topic: History of TV II (3 Credits)
Requisite(s): COM-2000
An intermediate course connecting the late network and cable eras to the digital age; students will scrutinize various trends in program packaging, content and bleeding-edge edge technologies. Emphasis will be placed on viewing platforms and emerging genre such as reality TV, all-sports channels, premium v basic cable, and other significant viewing choices. Through program viewing, current readings and guided discussion students will gain historical perspective on the quantum changes in the television industry from the network era to the present. Prerequisite: COM 2000 Mass Communication.
Typically offered: As Needed

COM-3013 Gender, Race & Class in Media Pt. II (3 Credits)
Requisite(s): COM-2000
Part II of Gender, Race & Class in Media. This course will examine the attitudes and consequences of the stereotypes (positive & negative) which evolve from the media. Gender, Race and Class are consistently under the media microscope and the filtering of these societal constructs are reshaping regularly. Gender is redefined; racial identity is challenged from within circles and outside; class is barely mentioned but poverty and homelessness are ever-present. All four mediums will be skewed to analyze how the corporate power structure filters these constructs; not just here in the United States but worldwide. Gender Policies, race relations and classism divides will be skewed.
Typically offered: As Needed

COM-3014 Topics: Investigative Reporting (3 Credits)
Requisite(s): COM-2000
Investigative reporting is a vital and vast specialty: from Watergate and Spy games, to corruption and unsolved mysteries, investigative reporters are the watchdog of Democracy that protects the people and keeps the powerful held accountable. Students learn the skills and techniques that are essential for cutting edge investigative journalism, including mastering online research, managing obstacles and roadblocks and writing to capture a modern audience. The course is both theory and practice: students will examine classic examples of investigations as well as write their own investigative articles.
Typically offered: As Needed

COM-3015 The Women's Film Festival (3 Credits)
Requisite(s): COM-2000
The goal of this course is to produce and host the St. Francis College Women's Film Festival, which is open to the university and community. Students, led by Dr. Augusta Palmer, will have the opportunity to participate in all aspects of the festival's creation, from the evaluation of film entries to running the event. This is a substantive liberal arts course that will also provide students with concrete, resume-worthy skills. All students will gain knowledge of the history of women's role in media history as well as develop their abilities to critique moving image media orally and in writing, and each student will gain practical, real-world expertise in in at least two of the following areas: Social Media Promotion and Graphic Design, Public Relations, Public Speaking, and Events Management.
Typically offered: As Needed

COM-3016 Experimental and Avant-Garde Film (3 Credits)
Requisite(s): COM-2000 or Instructor's Consent
This course explores the history, politics and aesthetics of American and European experimental and avant-garde film. Examining the development, major trends and techniques of experimental and non-narrative filmmaking in relation to key art movements and theoretical debates of the 20th and into the 21st century, we will see how these film and filmmakers challenged the dominant commercial cinemas of Europe and the United States. Topics include formalism, surrealism, political modernism, the culture industry, pop art, and feminism.
Typically offered: As Needed

COM-3017 Special Topics: Sports Broadcasting (3 Credits)
Requisite(s): COM-2000 or Instructor's Consent
A comprehensive introduction to the world of sports broadcasting. Subject matter will include (but not be limited to) preparation for play-by-play and color commentary assignments, in-studio sportscasts, monologues, interviews, and voiceover highlights.

COM-3018 Special Topics: Advanced News Writing (3 Credits)
Requisite(s): COM-2000 or Instructor's Consent
Advanced News Writing builds on the basics of Intro to News Writing 3200. Students will work on the online student news publication, SFC Bridge, by applying their writing and editing skills and learning basic design layout techniques.

COM-3019 Special Topics: Sports Culture (3 Credits)
Requisite(s): COM-2000 or Instructor's Consent
This course explores the impact of pop culture on sports as well as the impact of sports on pop culture. Topics to be explored may included the symbiotic relationship between Hip Hop culture and sports culture and questions of gender parity in sports and sports media. Students in the course will be expected to conceive and complete a creative media project such as a podcast or video about an issue or topic in which sports and culture are influencing one another. The course will be taught by David Cummings, who began his media career writing for Hip Hop magazine The Source and now heads the Race and Culture Unit at CBS Sports.

COM-3100 History of Film (3 Credits)
Requisite(s): COM-2000;
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.

COM-3101 Gender, Race, & Class in Media (3 Credits)
Requisite(s): COM-2015
This course will allow students to study how concepts of gender, race, and class are formed and changed by media including firm, television, journalism, music, and advertising. Building on theories of the interaction between media and culture explored in Mass Media and Society, students will examine, discuss, and write about case studies of the ways media influences and shapes concepts and discourses relating to gender, race, and class.
Typically offered: Fall Only

COM-3102 Advertising and Society (3 Credits)
Requisite(s): COM-1000,COM-2000
This course examines the role of advertising as an economic force and a form of cultural representation and the social implications of the role of consumerism in contemporary American society. The course surveys the history of advertising in the United States and investigates the changing strategies that have been used by advertisers from the 19th to the 21st centuries. it approaches advertisements as texts that indicate cultural and norms of their time and that can be understood through textual analysis. This course examines the broader context of consumerism in which advertising is a key factor. It thus provides a cultural approach to advertising and its history, as a means to understand both advertising as a central component in capitalist economies and its role as an indicator of cultural attitudes and ideologies.
Typically offered: Spring Only

COM-3103 Digital Media Cultures (3 Credits)
Requisite(s): COM-1000,COM-2015
This course examines the socio-cultural implications of digital media technologies and new media innovation, and questions critically the impact, challenges, and opportunities of community and communication in the digital era. Throughout the course students will ask critical questions about their own online habits to better understand the ways in which digital media shapes, influences, and intersects with culture and identity in varying contexts.

COM-3104 History of Broadcasting and Audio Media (3 Credits)
Requisite(s): COM-2015
This course provides a comprehensive overview of the history of American broadcasting and digital sound media from early radio to television to the current age of digital media, the internet, and mobile devices. Students will examine questions related to technologies, culture, economy, and society.

COM-3105 Audio Production I (3 Credits)
Requisite(s): COM-1001,COM-2000
In this course, students will be introduced to the field of audio production for film, television, and digital media. They will learn to craft narratives, write scripts, conduct interviews, conduct research, and record, edit and mix sound through group projects. In addition, students will collaborate and create narrative podcasting projects that will be posted to the web and broadcast over the college's radio station.

COM-3106 Visual Design (3 Credits)
Requisite(s): COM-2000
This course introduces students to the principles and practices of visual design for advertising, news, print, and web-based media. The objective is to understand design essentials, from theory to practice, in order to develop basic design literacy as well as applied skills. You will first explore how visuals contribute to the filed of communication as well as create an understanding of our world. From hieroglphys to medieval lettering to photoshop, we will examine how visual communication can be artistic, practical and commercial in nature.

COM-3110 Studies in Film (3 Credits)
Requisite(s): COM-2000
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.

COM-3111 Language of Film (3 Credits)
Requisite(s): COM-2000
This course introduces students to film aesthetics through the analysis of film form and style. The course aims to provide students with a fluency in, and, an understanding of film's unique language as it evolves technologically, historically and generically. Beyond teaching students how to recognize and describe formal choices and techniques, students will be asked to engage in close readings of films, attending to the greater aesthetic significance and stakes of formal choices and innovations evident within a particular film, directorial oeuvre, period or movement. Understanding form in relation to content, we will look at the conventions of narrative film, the employment of formal techniques like cinematography - including shot sizes (from close-up to long shot), composition of shots, and lighting; editing, mise-en-scene; and the use of sound as they function within particular filmic contexts and as they function within film's systemic languages (like that of continuity editing and genre).
Typically offered: Fall Only

COM-3120 History of Television (3 Credits)
Requisite(s): Take COM-2000;
An advanced course that traces the development of broadcast television from inception to today's entertainment. A survey of television's favorite genres, creative highpoints, and most memorable celebrities. Intended for advertising- and broadcast-track students.
Typically offered: Fall Only

COM-3130 Digital Radio Industry (3 Credits)
Requisite(s): COM-2000
An advanced course that introduces the art and business of radio broadcasting for broadcast and advertising students. COM 3130 offers a hands-on approach to today's media with exploration of radio's audiences, sponsors, and societal impact.

COM-3150 Popular Music (3 Credits)
Requisite(s): COM-2000 ,AMS-1001 for students pursuing American Studies minor
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.

COM-3160 Media & Communication Research Methods Audio Production (3 Credits)
Requisite(s): Take COM-1000;,Take COM-2000;,Junior Standing - Take 60 Credits;
In this course, students will investigate research methods in media and communication to become more knowledgeable consumers and producers of research from popular and academic sources. Topics covered will include what research is and why it's important, the process of conducting research, methods of textual analysis, and quantitative, qualitative, and historical methods. Students will apply learning to topics through case study inquiry and in course projects.

COM-3200 News Writing (3 Credits)
Requisite(s): WRI-1100, HON-5101 or COM-2001,COM-3400
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.
Typically offered: Fall Only

COM-3210 Broadcast News Writing (3 Credits)
Requisite(s): WRI-1100,COM-2000,COM-3200
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. Considerable attention is paid to the actual practice of writing and editing stories for both television and radio. The course emphasizes analysis of structure and format, the issue of immediacy, targeting the audience, and research techniques, and includes consideration of professional ethics. PREREQUISITE ENG 103 and COM 302. 3 CREDITS. EVERY SPRING. DAY.
Typically offered: As Needed

COM-3220 Sports News Writing (3 Credits)
Requisite(s): WRI-1100,COM-2000,COM-3200
An intermediate course, COM-3220 introduces students to all aspects of a career in sports writing. Writing covers the basic rewrites to event stories to human interest stories to personal columns. Students learn how to cover press conferences dealing with breaking news as well as media days that deal with opening of a particular season or a post-season tournament. Editing copy and page layout are other topics covered.

COM-3230 Sports Broadcasting (3 Credits)
Requisite(s): COM-2000
A comprehensive introduction to the world of sports broadcasting. Subject matter will include (but not be limited to) preparation for play-by-play and color commentary assignments, in-studio sportscasts, monologues, interviews, and voiceover highlights.

COM-3300 Television Studio Production (3 Credits)
Requisite(s): COM-2000
An intermediate course, COM 3300 introduces students to the importance of radio and television directing and camera work, floor supervision, audio operation, and control room operation. Students produce several television segments such as news, commercials, and dramatic programs in this hands-on course open to limited numbers.
Typically offered: Fall and Spring

COM-3301 Digital Media Production I (3 Credits)
Requisite(s): COM-1001, COM-2000, or COM-2111 (formerly COM-3111)
An intermediate video production course, COM-3301 is an introduction to digital moviemaking. Students produce several individual projects, mastering skills of scriptwriting, storyboarding, cinematography, digital editing image and sound.
Typically offered: Fall and Spring

COM-3400 Persuasion (3 Credits)
Requisite(s): COM-1000
An intermediate keystone course, COM 3400 studies classic and current persuasive theory as applied to advertising, public relations, law, politics, and media campaigns. This course emphasizes analysis of messages and their rhetorical and psychological structure, while also teaching tactics and strategies through applied example. Uses and abuses of persuasive methods are considered, as well as the impact of media developments on modern communications and traditional thought processes.
Typically offered: All Sessions

COM-3410 Advertising (3 Credits)
Requisite(s): COM-2000 or COM-3400
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 is investi-gated, as is advertising's impact on popular thought and culture.
Typically offered: All Sessions

COM-3600 Communications and the Law (3 Credits)
Requisite(s): COM-2000
An advanced course that explores the relationship of communications issues to legal proceedings and theory. While First Amendment issues are addressed, attention is also given to the relationship of the press to the courts, television to the courts, and the impact of mass communication technology on matters of justice and due process.
Typically offered: Fall Only

COM-3601 Political Communication (3 Credits)
Requisite(s): COM-2000,COM-3400
This course is an introduction to the theory, trends and criticism of political communication. Emphasis will be placed on the roll 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 dynamic of their relationship, rhetorical and cultural analysis of news reporting, message construction and advertising in political campaigns and the forming of public opinion.
Typically offered: As Needed

COM-4100 Film Criticism (3 Credits)
Requisite(s): COM-2111, COM-3100, or COM-3111
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.
Typically offered: Fall Only

COM-4101 Audio Production II (3 Credits)
Requisite(s): COM-3105
As the second course in a two-part sequence, students will learn advanced techniques in digital sound recording, editing, mixing, and sound design. Advanced audio technologies used in sound editing film, T.V. and Digital Media will also be explored.
Typically offered: Fall Only

COM-4310 Advanced Television Studio Production (3 Credits)
Requisite(s): COM-3300
This course is designed to give students experience in production of advanced television programs. It provides students the chance to work in production teams to achieve their goals. In class, 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)
Typically offered: As Needed

COM-4320 Digital Media Production II (3 Credits)
Requisite(s): COM-3100 or COM-3110,COM-3301 (formerly COM-4300)
An advanced intermediate course, COM 4320 teaches digital moviemaking emphasizing the application of more complex production and post-production techniques in both dramatic and documentary projects.

COM-4340 Documentary Workshop (3 Credits)
Requisite(s): Take COM-1001 or COM-3301 or COM-4320
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.
Typically offered: Fall Only

COM-4350 Theater Production Workshop (3 Credits)
Requisite(s): Take COM-2100;
An advanced course. Open to all students, COM-4350 is a theater production course designed for students in the speech and theater concentration. Students produce, direct, and perform in a series of scenes and/or plays that evolve into complete productions. The entire production process is supervised by the course instructor, but students are responsible for the creative process. When available, professional actors, writers, and directors participate in the workshop. The course meets once weekly. The completed production is open to the public in the last session. Lab fee.
Typically offered: As Needed

COM-4410 Creative Advertising (3 Credits)
Requisite(s): COM-2000,COM-3400,COM-3410 or COM-2002
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 web site development methods. Students produce creative products to fit promotional specifications while learning how to integrate art and copy demands with marketing goals.
Typically offered: As Needed

COM-4420 Public Relations (3 Credits)
Requisite(s): COM-2001,COM-2002,COM-3400
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.
Typically offered: Fall and Spring

COM-4600 Globalization of Media, Communication & Technology (3 Credits)
Requisite(s): COM-2000,COM-3100 or COM-3110
While you hear the term globalization used in academic, popular, and business discourses, the aim of this course is to bring context and clarity to the concept through an in-depth investigation into its complex dimensions - technological, cultural, historical, economic, political, environmental, and ideological - and the role played by the mass media and technology industries. As a seminar course, students will delve into globalization through close reading on issues of human rights, equity, and ethics, and the driving force and framing of ideologies as communicated by the mass media and technology industries that have exacerbated inequalities throughout the world. Through service learning with a local community service organization, students will engage with people in their local communities in order to make real the importance of community and connection in an increasingly fragmented and polarized world.
Typically offered: Spring Only

COM-4610 Political Communication (3 Credits)
Requisite(s): COM-2000,COM-3400
This course is an introduction to the theory, trends and criticism of political communication. Emphasis will be placed on the roll 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 dynamic of their relationship, rhetorical and cultural analysis of news reporting, message construction and advertising in political campaigns and the forming of public opinion.
Typically offered: As Needed

COM-4611 Communications and the Law (3 Credits)
Requisite(s): COM-2111, or COM-3100, or COM-3100 or COM-3400
An advanced course that explores the relationship of communications issues to legal proceedings and theory. While First Amendment issues are addressed, attention is also given to the relationship of the press to the courts, television to the courts, and the impact of mass communication technology on matters of justice and due process.
Typically offered: Fall Only

COM-4990 Field Experience in Communication Arts (1-3 Credits)
Requisite(s): Open to COMMUNICATIONS majors with Junior or Senior status.,Department chair approval required.
An advanced course open to majors with junior 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 experiences must relate to the area of communication in which the student has specialized. During an internship, students must maintain a comprehensive daily log of personal work activities and attend a series of seminars during the field experience period. Students may take COM-4990 twice in different semesters.
Typically offered: As Needed

COM-4991 Field Experience in Communication Arts On Campus (1-3 Credits)
Requisite(s): Open to junior or senior communications majors with a 3.0,GPA. Department approval required.
An advanced course open to majors with an overall 3.0 index and/or significant accomplishments in the field of communications. Students are encouraged to engage in field experience. Assignments depend on the availability of suitable programs. The instructor agrees to guide and evaluate the quality of work and research undertaken. Field experiences must relate to the area of communication in which the student has specialized. During an internship, students must maintain a comprehensive daily log of personal work activities and attend a series of seminars during the field experience period.
Typically offered: As Needed

COM-4995 Independent Study in Communication (1-4 Credits)
Requisite(s): Junior or senior standing with a GPA of 3.0 or higher.
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.
Typically offered: On Demand

COM-4996 Capstone Practicum (3 Credits)
Requisite(s): Open only to Seniors. Department chair approval required.
Students will work together in production crews to create media content for a client, which could be an SFC department, campus initiative, and/or local business/nonprofit. Students will listen to client needs, create pitches, present them to the client, and receive feedback from client, professor, and fellow students in order to make revisions to the project.

COM-4997 Senior Comprehensive- Tutorial (3 Credits)
Requisite(s): Open only to Seniors. Department chair approval required. 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.
Typically offered: As Needed

COM-4998 Capstone Seminar (3 Credits)
Requisite(s): Senior standing. Department Chair approval required.
A capstone course required of all communication majors before graduation and take during the senior year, COM 4998 aims to evaluate the competence of the student in their area of concentration by guiding them through an independent project from conception to literature review standing, formal proposal, and completion. The student's individual creative or research project is supervised by a mentor with occasional outside evaluation. Research projects are generally 25-page research papers, creative projects have included documentary and fiction video projects, audio podcasts, advertising campaigns, theatrical performances, magazines, and/or online portfolios of creative work.
Typically offered: As Needed

COM-5010 Movie Vision: Fiction and Film in American Cinema (Honors) (3 Credits)
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 (3 Credits)
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.
Fulfills General Education Requirement: HCE, WHG
Typically offered: Spring Only

COM-5013 Studies in German Cinema (3 Credits)
This course provides an introduction to German cinema by surveying important German films in historical, cultural and technical contexts. Depending on the particular focus of the seminar, films from the Wilhelmine period through contemporary times could be discussed. Our readings and discussions will examine through a lens of critical and theoretical materials the contexts in which films were produced and how they were received. By the end of this course students should have an understanding of the unique qualities of German national cinema, a deeper appreciation for film aesthetics, and superior recognition of sound argumentation in critical film studies.
Fulfills General Education Requirement: HCE, WHG
Typically offered: As Needed

COM-5014 Collective Memory, Culture and Communication (3 Credits)
In this course we explore how groups, nations and societies remember the past. We think about how past events are imagined, constructed, communicated and contested through culture from the perspectives of different models of collective memory and via case studies. Throughout the semester we will seek to answer questions about how ethical, moral and political concerns shape memory: How do survivors of collective trauma articulate loss? What are appropriates ways to remember war and political violence? What and who is remembered, and how? What role do aesthetic representations play in shaping and articulation of memory? Who has the right, power, or authority to decide what happens at a particular site of public memory? Through discussions centered around the politics of collective memory we will interrogate the promise to never forget.
Fulfills General Education Requirement: PEM, HCE
Typically offered: As Needed

COM-5600 Global Communications (3 Credits)
An advanced course, designed as a seminar embracing an interdisciplinary approach to global communications and international relations. Particular attention is paid to issues surrounding human rights and the debates over the right to communicate. Specific topics covered in the seminar include interethnic communication, interpersonal skills in a multicultural environment, intercultural and ethnic minority media relations, theories of global communications, and communication in war and conflict. The underlying thrust of the seminar is the necessity for an understanding of cultural differences and a critical approach to the structure and relations of the media from a global perspective.
Typically offered: As Needed

Criminal Justice (CJ)

CJ-1020 Introduction to Criminal Justice (3 Credits)
This course introduces the student to the structure, operations and philosophy of the American system of criminal justice.
Typically offered: All Sessions

CJ-1200 Conditioning and Training (3 Credits)
Fitness, exercise, health and conditioning for everyone. This course will also help to prepare students for federal job standard fitness tests.
Typically offered: All Sessions

CJ-2010 Criminology (3 Credits)
Requisite(s): SOC-1000
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.
Typically offered: As Needed

CJ-2030 Policing in American Society (3 Credits)
Requisite(s): CJ-1020
This course provides the student with a comprehensive review of current police practices and procedures. Particular attention will be paid to the development of police ethics, control of corruption, and the administration of a large police agency.

CJ-2040 Probation and Parole (3 Credits)
Requisite(s): CJ-1020
The historical and legal foundations of the modern practices of probation and parole in America are studied. The course will emphasize the administration and organization of the probation and parole system.

CJ-2050 Correctional Systems (3 Credits)
Requisite(s): CJ-1020
This course will address many of the issues concerning correctional institutions, for example: the organization and function of the prison system, the role of the corrections officer in the rehabilitative process, modern thought concerning prison reform, the character of the modern prisoner, and prisoners' and officers' rights.

CJ-2061 Introduction to Homeland Security (3 Credits)
Requisite(s): CJ-1020
The course exists to introduce interested St. Francis College students to the operations of the United States Department of Homeland Security. The Department of Homeland Security was created following the terrorist attacks of September 11, 2001. DHS currently encompasses twenty-two federal agencies, including the Secret Service, US Coast Guard, TSA, FEMA, and US Customs and Border Protection. The course is a requirement for students who declare a concentration in Homeland Security. The course will fit well in the field's curriculum as a specialized topical course of instruction for students who seek employment with the federal government, particularly with agencies in the Department of Homeland Security.

CJ-2062 Terrorism and Counterterrorism (3 Credits)
Requisite(s): CJ-1020
The student will be exposed to explanatory 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.

CJ-2064 Aviation Security (3 Credits)
Requisite(s): CJ-1020
The course will analyze the security procedures, programs, systems and equipment in the aviation industry. Pertinent legislation concerning aviation security is reviewed from a historical and modern perspective.
Typically offered: As Needed

CJ-2080 Rights of the Accused and the Victim (3 Credits)
Requisite(s): CJ-1020
This course will present a legal review of the constitutional, statutory and procedural rights of the accused in the matters of lawful arrest, fair trial, and just sentence.

CJ-3000 American Criminal Courts (3 Credits)
Requisite(s): CJ-1020
This course provides a survey of the basic elements of American criminal law and provides an analysis of current legal issues. Particular attention is given to state laws in New York.

CJ-3010 Forensic Science (3 Credits)
Requisite(s): CJ-1020
This course will introduce the student to the techniques of scientific criminal investigation with emphasis on the value of various scientific aids to the officer, detective, or field investigator. This course will examine techniques used in investigating major criminal cases such as kidnapping, arson, bombings, and organized crime.

CJ-3012 Criminal Investigations (3 Credits)
Requisite(s): CJ-1020
This course will introduce the student to the actors and basic stages in the process of investigating 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 will also introduce the student to the roles and duties of the responding officer, the detective, the evidence collection officer, and the supervising officer.
Typically offered: Spring Only

CJ-3013 Media, Crime, & Criminal Justice (3 Credits)
Requisite(s): CJ-1020
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.
Typically offered: Fall Only

CJ-3014 Victimology (3 Credits)
Requisite(s): CJ-1020
This course offers a comprehensive survey of the field of victimology, particularly the empirical study of victimization and crime victims. We will explore the history of victimology, the role of victimologists, and responses to victimization.
Typically offered: As Needed

CJ-3015 Prisons and Prisoners in the U.S. (3 Credits)
Requisite(s): SOC-1000 or CJ-1020
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.
Typically offered: As Needed

CJ-3016 Sex Crimes and American Justice (3 Credits)
Requisite(s): SOC-1000 or CJ-1020
This course focuses on the history and social reaction to sex offenders and sex crimes in America. We exam 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.
Typically offered: As Needed

CJ-3017 Wrongful Convictions (3 Credits)
Requisite(s): SOC-1000 or CJ-1020
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.
Typically offered: As Needed

CJ-3020 Security and the Private Sector (3 Credits)
Requisite(s): CJ-1020
This is an introduction to the field of private security. An overview of security organizations, policies, and personnel is presented.

CJ-3040 Organized Crime (3 Credits)
Requisite(s): CJ-1020
The course will trace the history and development of organized crime in this country. Investigative techniques for penetrating organized criminal activities and prosecution strategies will be discussed.

CJ-3050 Crimes of the Powerful (3 Credits)
Requisite(s): CJ-1020
This course will study the history and prevalence of occupational, corporate, and computer crimes in a modern setting. Investigative and prosecution strategies will also be addressed.

CJ-3070 Addictions I (3 Credits)
Requisite(s): SOC-1000
Cross-listed with: PSY-2130. Review of research and theories concerning all forms of addictive behavior, including drug, alcohol, gambling, and sex addictions. Prerequisite: SOC 1000. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ-3075 Addictions II (3 Credits)
Requisite(s): CJ-3070 or PSY-2130
Cross-listed with: PSY-2131. Review of therapeutic techniques for all forms of addictive behavior. Outside sources are used to supplement class materials. Prerequisite: CJ 3070/PSY 3330. This course is a Criminal Justice elective. 3 credits. Offered as needed.

CJ-3080 Juvenile Justice (3 Credits)
Requisite(s): CJ-1020
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.

CJ-3090 Cont Iss in Amer Law Enforcement (3 Credits)
Requisite(s): CJ-1020
The role of the law enforcement officer in the modern urban setting will be studied. Particular attention will be paid to the use of community policing and the operation of law enforcement in a multicultural setting.
Typically offered: Spring Only

CJ-4000 Special Topics in Criminal Justice (3 Credits)
This course will explore specific, identified topics in the field of criminal justice. The subject matter will be selected by the instructor prior to registration, with approval of the department chairperson. Students may be granted credit for multiple sections of CJ-4000, providing the topic differs.

CJ-4001 Special Topics in Criminal Justice: Trial Advocacy (3 Credits)
Requisite(s): CJ-1020
Special topics course

CJ-4003 Topic: Wrongful Convictions (3 Credits)
The United States has 6% of the worlds population and 25% of the worlds prisoners. One percent of the American population is currently incarcerated or on parole. This matter of great concern has garnered media attention in recent years owing to advances in forensics that have exonerated people falsely accused and convicted of serious felonies, typically murder and rape. This course will examine some of the legal, ethical and sociological implications pertaining to this issue. A variety of provocative questions will be considered. What constitutes a fair trial? What is the role of the plea bargain in sentencing today, and to what extent does the plea bargain circumvent the right to trial by jury? To what extent are confessions coerced? What political and economic factors influence mass imprisonment in America today?

CJ-4004 Topic: Criminal Investigations (3 Credits)
Special topics course

CJ-4005 Topic: Patterns in Crime (3 Credits)
Patterns in Crime is a special topics course that will introduce the student to fundamental techniques and practices used by crime analysts and profilers. The first half of the semester will cover the use of crime reports to discern temporal-spatial patterns in criminal behavior. The second half of the semester will explore the investigative technique commonly known as criminal profiling.

CJ-4007 Topic: Fire Safety & Arson Investigation (3 Credits)
Requisite(s): CJ-1020
This course provides the students with a comprehensive study of issues pertaining to fire safety and loss control. An examination of current topics and recent professional standards will be conducted. Particular attention will be paid to issues regarding the retrieval and protection of evidence in an arson investigation.
Typically offered: As Needed

CJ-4008 Topic: Cultural Criminology (3 Credits)
Requisite(s): CJ-1020
This course provides an examination of the intersection between culture, crime, and social control. We will explore crime in the context of contemporary society defined by mediated images (e.g. film, television, comic books, etc.) and the increasing commodification of violence (e.g. tabloid justice). With a focus on aesthetics, we will explore styles and symbols of culture and assess the criminalization of subcultures (e.g. graffiti writers, biker gangs, youth culture, etc.).
Typically offered: As Needed

CJ-4009 Topic: Sex Crimes and American Justice (3 Credits)
Requisite(s): CJ-1020
This course will focus on the history and current responses to sex offenses and sex crimes in the U.S. criminal justice, legal, and mental health systems. We will examine issues relating to sex offender treatment and management, as well as recidivism. We will also examine sex offender reform efforts, and examine the history and context of sex panics in U.S. history. Additionally, we will be exploring current initiatives and laws aimed at addressing and curbing sexual violence. In particular, this class will examine the impact of the public sex offender registry, implemented as federal law in the U.S. in 1996, and the enormous body of criminal justice and social science research analyzing the registry that has emerged as a result. The class will involve lectures, discussions, and guest speakers and experts from the fields of law, criminal justice, and psychology. We will also address current debates surrounding responses to sex crimes and sex offenses on American college campuses as well as issues of sexual harassment in the workplace. This course will also be part of the American Studies minor.
Typically offered: As Needed

CJ-4010 Topic: The Death Penalty (3 Credits)
Requisite(s): CJ-1020
The United States is the only constitutional democracy that retains the death penalty as a criminal justice penalty. While there is growing pressure from other democracies and allies to abolish this practice, support for the death penalty remains strong. This course will examine the realities surrounding the implementation of the death penalty in the United States, including growing awareness of wrongful convictions that result from a flawed and imperfect criminal justice system (as of 2017, there have been almost 2000 people exonerations). The course will analyze theories and approaches to death penalty by researchers and scholars, in the fields of both law and social science. We will focus on the history and current manifestation of the death penalty, public attitudes and support, methods of execution, how capital cases are processed in the criminal justice system, the use of DNA evidence and new technology, the impact of race and class on trial and penalty outcomes, and the effectiveness of the death penalty to reduce crime. Each student will complete a comprehensive research project on the death penalty that will include an in-depth case study of a wrongful conviction and exoneration of an individual sentenced to death.
Typically offered: As Needed

CJ-4011 Special Topic: Deviance (3 Credits)
Requisite(s): CJ-1020
This class offers an overview of the criminological and sociological study of deviance in order to critically assess its relevance in contemporary U.S. society. We will not only learn about a variety of deviance theories, but also examine how they help explain the nature of aberrant behaviors, the actions and labeling of deviants, and the application of social control. Some of these theories will challenge or altogether refute your current framework of thinking. In doing so, you will be asked to consider the complexity of defining deviance, the role that society plays in assigning this designation, and the various systems of social control that have been developed to eliminate deviance.
Typically offered: As Needed

CJ-4012 Special Topic: Cyber-Criminology (3 Credits)
Requisite(s): CJ-1020
Course Description: Rapid advancements in technology and the exponential growth in Internet use have spawned a wide array of computer and technology related cybercrimes, deviant and criminal online identities, and new types of social control and enforcement responses. This course provides students with a foundational overview of the technical, social, theoretical, and legal aspects to understanding crime/deviance, victimization, and social control responses in the context of cyberspace. By exploring the threats, technologies, and participants of cybercrime and deviance and the various countermeasures used to combat them, we will attempt to better understand the theories and tools that facilitate scientific exploration of these phenomena, including the social, cultural, and legal issues created and affected by online crime and social control responses.
Typically offered: Fall Only

CJ-4013 Special Topic: Race & Crime (3 Credits)
Requisite(s): CJ-1020
This class is designed to provide sociological, criminological, and legal analyses of the American justice system as a mechanism for racialized social control. Problems of inequality are as old as the nation itself and inequality has had a long and stubborn life in the American experience. On one hand, ideas of race, class, gender, and orientation are human inventions. When viewed over time, these social constructions become what are referred to as the prevailing order or social structure of a society (e.g., upper, middle, and lower classes). That is, race and class become organized in ways that provide certain groups advantages at the expense of less advantaged groups. By examining both historical and contemporary topics related to race, crime, victimization, and the pursuit of justice, we will see that our evolving society in the United States has made ardent strides over time to promote equality and demonize overt and purposeful acts of discrimination. But how effective have these measures proven for providing protections and promoting true equality (e.g., use of force by law enforcement, racially representative jury trial, etc.) in practice? Does the criminal justice system actually work in a fair and evenhanded way regardless of individuals' race, class, gender, and orientation? Or, do the complex intersections of race (and gender, socioeconomic status, sexual orientation), crime, and justice really reflect how unconscious biases and more hidden forms of institutional discrimination and structural racism actually help perpetuate a system of racial caste in the United States? This class will explore these challenges in order to better understand why we fall short of achieving a truly equitable justice system.
Typically offered: As Needed

CJ-4015 Special Topic: Justice in Brooklyn (3 Credits)
Requisite(s): CJ-1020
In this course, students will study the history and current realities of the criminal justice system in Brooklyn, one of the nation's most populous and most densely populated boroughs. Students will have the opportunity to observe court proceedings, hear directly from prosecutors and defense attorneys working in local criminal, civil, and federal courts, and assess the unique challenges faced by legal actors and courts in an economically, racially, and ethnically diverse urban setting. This course will also analyze the criminal justice innovations first implemented in Brooklyn as demonstration projects that have since been implemented throughout the country, including specialized drug, domestic violence, and gun courts. Finally, students will explore the collateral consequences of mass incarceration on communities and families, and gain familiarity with the efforts of local organizers fighting for bail reform, restorative justice programs, and other efforts to increase access to community justice.
Typically offered: As Needed

CJ-4017 Special Topics in Cj: Serial Killers (3 Credits)
Requisite(s): CJ-1020
The purpose of this class is to provide you with an overview of the phenomenon of serial homicide and critically assess its existence in contemporary U.S. society. The course is designed to demonstrate the complexity in defining serial homicide; the role society plays in assigning this designation; and the factors that influence social and cultural representations of serial murder, criminal offending, and the ways that we define victimization. In addition to reviewing various serial homicide typologies and the nature and etiology of multiple murders, particular focus will be given to role of mass media (both news and entertainment) in socially constructing the phenomenon of serial homicide, including the killers themselves, their victims, and the law enforcement officials who investigate their crimes. By examining portrayals of serial, spree, and mass killings in entertainment and news media, we will explore how and why cultural depictions of mass murder influence our personal understandings of crime, criminality, victimization, and justice system, more broadly, in ways that diverge from objective reality.
Typically offered: As Needed

CJ-4018 Special Topic: Criminal Subcultures (3 Credits)
Requisite(s): CJ-1020
This course will explore different subcultures and subcultural theories of crime. We will also conduct in-depth analyses of several distinct criminal subcultures. Finally, this course will consider the various ways in which criminal subcultures emerge, and the extent to which criminal subcultures offer opportunities to those with limited access to legitimate paths to success.
Typically offered: Spring Only

CJ-4019 Special Topic: the Death Penalty (3 Credits)
Requisite(s): CJ-1020 or SOC-1000
The United States, almost alone among constitutional democracies, retains death as a criminal punishment. This course examines the legal, social, and ethical implications of capital punishment in the United States, with a particular focus on Supreme Court decisions since the early 1970s. During the semester we will critically assess modern executions by identifying the (1) social factors that influence our mold our individual and collective understandings of the death penalty, and (2) the legal and empirical analyses that expose students to capital punishment as a researchable subject. Topical areas will examine the following dimensions of America's death penalty: its history, current status, public support/opposition, judicial tinkering that has narrowed the death penalty's scope, race and capital punishment, and its impact and efficacy. In doing so, we will unpack the moral complexity and ambiguities of deciding who lives and who dies when capital punishment is interpreted (in a practical and constitutional sense) and applied in practice by less than perfect humans.
Typically offered: As Needed

CJ-4990 Internship in Criminal Justice (3 Credits)
Requisite(s): 24 CJ credits & Junior Standing - 60 credits
Students may intern at approved sites under professional supervision. Internships must be approved by the department chairman and are subject to availability.
Typically offered: As Needed

CJ-4991 Internship in Criminal Justice (3 Credits)
Requisite(s): CJ-4990
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.
Typically offered: As Needed

CJ-4995 Independent Study in Criminal Justice (1-6 Credits)
Requisite(s): CJ-1020
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 the permission of the instructor and the department chairperson prior to registration.
Typically offered: As Needed

CJ-4998 Criminal Justice Senior Thesis (3 Credits)
Requisite(s): 30 credits in CJ and SOC (excludsing SOC-1000) and Senior,Standing - 90 credits
A culminating seminar for senior criminal justice majors only. This course will integrate concepts, knowledge and practices the student has acquired during the course of their studies in criminal justice. The student will produce a paper of scholarly status on a selected topic of criminal justice research. The course satisfies the College's requirement for a comprehensive examination or project.
Typically offered: All Sessions

CJ-5400 Honors Seminar: Culture and Crime (3 Credits)
This course provides an examination of the intersection between culture, crime, and social control. We will explore crime in the context of contemporary society defined by mediated images (e.g. news, film, television, comic books, video games, etc.) and the increasing commodification of violence (e.g. tabloid justice, crime-based reality shows). With a focus on aesthetics, we will explore styles and symbols of culture and assess the criminalization of subcultures (e.g. graffiti writers, critical mass, youth culture, etc.).
Typically offered: Fall Only

Diagnostic Medical Sonography (DMS)

DMS-1000 Medical Terminology (1-12 Credits)
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.
Typically offered: All Sessions

DMS-1010 Abdominal Sonography I (1-12 Credits)
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.
Typically offered: All Sessions

DMS-1020 Obstetrics and Gynelogical Sonography I (1-12 Credits)
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 ne onatal 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.
Typically offered: All Sessions

DMS-1030 Sonographic Physics & Instrumentation I (1-12 Credits)
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.
Typically offered: All Sessions

DMS-1040 Cross Sectional Anatomy (1-12 Credits)
This course is designed to enable the st udent 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.
Typically offered: All Sessions

DMS-1050 Patient Care (1-12 Credits)
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.
Typically offered: All Sessions

DMS-1100 Medical Law and Ethics (1-12 Credits)
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.
Typically offered: All Sessions

DMS-1110 Abdominal Sonography II (1-12 Credits)
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.
Typically offered: All Sessions

DMS-1120 Obstetrics and Gynelogical Sonography II (1-12 Credits)
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 sonographic patterns 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 cove red. Abnormalities of the neonatal brain are included, as well.
Typically offered: All Sessions

DMS-1130 Sonographic Physics & Instrumentation II (1-12 Credits)
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, cavitations, 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.
Typically offered: All Sessions

DMS-2040 Sonography of Superficial Structures (1-12 Credits)
Typically offered: All Sessions

DMS-2070 Echocardiography (1-12 Credits)
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 handson scanning in the student lab.
Typically offered: All Sessions

DMS-2090 Clinical Education II (1-12 Credits)
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.
Typically offered: All Sessions

DMS-2110 Vascular Ultrasound (1-12 Credits)
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 pathological 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.
Typically offered: All Sessions

DMS-2140 Registry Review (1-12 Credits)
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.
Typically offered: All Sessions

DMS-2150 Quality Management & Operational Issues (1-12 Credits)
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.
Typically offered: All Sessions

DMS-2170 Career Development (1-12 Credits)
This course is designed to 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.
Typically offered: All Sessions

DMS-2180 Case Studies Critique (1-12 Credits)
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 technique s and protocols, proper positioning etc. In addition, they learn to critically analyze anatomical variants, normal, and pathological sonographic findings in images.
Typically offered: All Sessions

DMS-2190 Clinical Education III (1-12 Credits)
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
Typically offered: All Sessions

Early Childhood Education (EC)

EC-4500 Foundations of Early Childhood Education (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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.
Typically offered: Fall Only

EC-4600 Methods of Instruction in Early Childhood (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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. Field experience is required.

Economics (ECO)

ECO-1201 Principles of Macroeconomics (3 Credits)
Requisite(s): MAT-1101 or MAT 1101T or higher;
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.
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

ECO-2202 Principles of Microeconomics (3 Credits)
Requisite(s): ECO-1201
Microeconomics; markets, the price system, and the allocation of resources; competition, monopoly, monopolistic competition, and oligopoly; government and business; the distribution of income.
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

ECO-2222 Mathematics for Economics and Finance (3 Credits)
Requisite(s): MAT 1101 or higher
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 be better consumers of specialized economic and financial literature, which tend to be couched in mathematical and technical language.

ECO-2301 Hum Rights, Sustainability & Global Fin (3 Credits)
Requisite(s): HIS-1203/PSC-1203 or ECO 1201
This course investigates the connections between human rights, environmental sustainability, and global finance. It will introduce students to cutting edge debates in those fields as well as practical perspectives on ways forward

ECO-2303 Economic Issues Today (3 Credits)
Requisite(s): ECO-1201
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.

ECO-2306 Money and Banking (3 Credits)
Requisite(s): ECO-1201,ECO-2202
Money and credit; commercial banking; central banking; monetary theory and practice; financial regulation.
Typically offered: All Sessions

ECO-2401 Brazil: Economy, Politics and Business (3 Credits)
Requisite(s): ECO-1201
This course will examine Brazil's recent economic development, its social and political consequences, as well as the practical details of doing business in Brazil. Major political, social, and cultural developments in Brazil during the 20th and 21st centuries will be discussed, as well as issues like investment opportunities, foreign trade, regulatory environment, banking and finance, labor relations, general accounting practices, and taxation. The program is led by an SFC faculty member and taught in English by FACAMP instructors, a partner institution in Campinas, Brazil, for two weeks during the summer.
Typically offered: As Needed

ECO-3304 Political Economy of Development (3 Credits)
Requisite(s): ECO-1201
Empirical and theoretical issues relating to the process of economic development in Third World 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.

ECO-3305 European Economies (3 Credits)
Requisite(s): ECO-1201
Cross-listed with: ICS-3305. A study of the European Union, the economies in transition in Central and Eastern Europe and the Balkans. Particular emphasis is placed on the question of nationalism and the issues confronting multinational states in Europe today. Prerequisite: ECO 1201. 3 credits. Spring semester; day.
Typically offered: As Needed

ECO-3306 Trckng the Economy & US Monetary Policy (3 Credits)
Requisite(s): ECO-2306
This is a course on the current US economy and the monetary policy formulated and carried out by the Federal Reserve System. It examines the leading economic indicators used by the Fed in assessing the state of the US economy.
Typically offered: Fall Only

ECO-3307 Environmental Economics (3 Credits)
Requisite(s): ECO-1201
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.

ECO-3308 Urban Economics (3 Credits)
Requisite(s): ECO-1201
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.
Typically offered: Spring Only

ECO-3309 Labor Economics (3 Credits)
Requisite(s): ECO-1201
The operation of labor markets, including and 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 which challenge traditional neoclassical analysis of labor market dynamics.

ECO-3310 Health Economics (3 Credits)
Requisite(s): ECO-1201,ECO-2202
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 United States as compared to other countries. This analysis will include a critical approach to the details of private and public health-care systems.

ECO-3311 The Chinese Economy (3 Credits)
Requisite(s): ECO-1201
This course discusses the Chinese model of economic development focusing on its transformations since 1978, the changing relation between China and the United States, and consequences of China's rise as a global player.

ECO-3313 Introduction to Econometrics (3 Credits)
Requisite(s): ECO-1201 ,MAT-2301 or ORM-3301
This course provides students with an introduction to the way in which economists make use of data in the analysis of both micro- and macroeconomics issues. Students will learn to apply some of the basis tools of statistics, such as regression analysis, to address both theoretical questions and policy issues.
Typically offered: Fall Only

ECO-3331 Principles of Finance (3 Credits)
Requisite(s): ACC-1001 or ACC-1101,ECO-2202 or ECO-2306,MAT-1105 MAT-1105T MAT-1107 MAT-1107T MAT-1109 or, MAT-2301
Cross-listed with: FIN-3301. Aspects of financing corporate entities in the functioning of the economy; equity financing, capital structure; bond flotation, mergers and takeovers; holding companies; security underwriting and market rights; warrants and options. Use of financial ratios, time value of money, and other techniques of financial analysis.
Typically offered: All Sessions

ECO-3332 Managerial Finance (3 Credits)
Requisite(s): ECO-3331 or FIN-3301,MAT-1109
Cross-listed with: FIN-3302. 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.
Typically offered: As Needed

ECO-3333 Investment Analysis (3 Credits)
Requisite(s): ECO-3331 or FIN-3301,MAT-1109
Cross-listed with: FIN-3312. 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 Public Finance (3 Credits)
Requisite(s): ECO-3331/FIN-3301,MAT-1109
Cross-listed with: FIN-3334. A study of government budgets and the budgetary process. The role of federal, state, and local governments in the production and the provision of social security. The economic impact of alternative expenditure on income distribution. The impact of government borrowing on financial markets.

ECO-3340 Gender and the Economy (3 Credits)
Requisite(s): ECO-1201
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 gender distribution of production. It will look at economic issues facing women in the world today, in advanced countries such as the United States and in less developed countries. It will also explore the ways in which economic theory is changing as economists work to broaden their perspective and overcome their historical blindness to issues of gender.
Typically offered: As Needed

ECO-3403 International Economics, Trade, and Finance (3 Credits)
Requisite(s): ECO-2306,Junior Standing - 60 credits
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.

ECO-4406 Development of Economic Thought (3 Credits)
Requisite(s): ECO-2202,ECO-2306,Junior Standing - 60 credits
A survey of economic thought principally from the seventeenth century to the present day; mercantilism; physiocracy and the emergence of the science of economics; the Classical School; the rise of socialist protest; marginalism and the neo-classical synthesis; Keynes and post-keynesian economics.
Typically offered: Spring Only

ECO-4411 Concepts in Economic Analysis (3 Credits)
Requisite(s): ECO-2202,ECO-2306,Junior Standing - 60 credits
Intermediate micro and macro-economic theory. This course is highly recommended for students who intend to pursue graduate studies.
Typically offered: All Sessions

ECO-4433 Portfolio Management (3 Credits)
Requisite(s): ECO-3331 or FIN-3301,MAT-1109
Cross-listed with: FIN-4412. 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.

ECO-4990 Internship in Economics (1-3 Credits)
Students with significant accomplishments in the major may be granted permission by the chairperson of the Economics Department to serve as an intern in selected workplaces. Assignments depend on availability of suitable internships. The student must maintain a comprehensive daily log of work activities and report regularly to the chairperson throughout the internship.
Typically offered: All Sessions

ECO-4995 Independent Study in Economics (1-3 Credits)
Individual research and study with the approval of the Department of Economics.
Typically offered: All Sessions

ECO-4998 Seminar in Economics (3 Credits)
Requisite(s): ECO-2202,ECO-2306,ECO-3313,Senior Standing- 96 credits
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.
Typically offered: Fall Only

ECO-5401 Contemporary Islam: Its Socio-Economic Context (3 Credits)
Cross-listed with: SOC-5401. 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.
Fulfills General Education Requirement: SEH, WHG

ECO-5402 New York, New York: From the Great Depression to the Current Downturn (3 Credits)
The history of New York City from the Great Depression to the Current Downturn. Students are required to read The New York Times daily on city matters.
Typically offered: As Needed

ECO-5403 Radical Economic Thought Depression to the Current Downturn (3 Credits)
Mirroring the heterogeneity of modern societies, signed by deep imbalances in the distribution of wealth and power, several radical economic views have emerged and developed historically. In opposition to the standard of the discipline, which promotes the notion that markets, as flawed as they may be, are - by comparison - the most efficient ways to allocate society's resources, these nonconventional economic analyses question the basic socioeconomic conditions on which markets and modern capitalism stand. This course examines the present relevance - the economic-theoretical, political, ethical, and philosophical significance - of two major heterodox schools of economic thought whose key critical insights have never been duly incorporated into the dominant tradition; respectively, the schools associated with the views of Karl Marx and John Maynard Keynes, with the latter including a review of the recently influential Modern Monetary Theory.
Fulfills General Education Requirement: PEM, SEH
Typically offered: As Needed

ECO-6411 Economic Theory and Analysis (3 Credits)
Requisite(s): ECO-2201,ECO-2306
Advanced macro- and microeconomic theory. The course covers such topics as consumer theory, production theory, cost theory, market structure in competitive and monopolistic environments, national income determination using four-sector Keynesian cross models and the IS/LM framework, and finally introductory dynamics and the Harrod Domar and Solow growth models.
Typically offered: All Sessions

ECO-6990 Economics Internship (1-3 Credits)
Graduate students only. Supervised work experience in various fields of accounting--including submission of a written report. Requires approval of the departmental chairperson.
Typically offered: As Needed

ECO-6995 Independent Study in Economics (3 Credits)
Independent research and study in a topic in Economics including submission of a written report. Prerequisites: graduate standing and approval of the department chairperson.
Typically offered: Spring Only

Education (ED)

ED-1001 Human Rights Education for Educators (3 Credits)
Through a human rights-based approach, this course provides a powerful and coherent toolkit of frameworks, skills, and model activities to support educators in every field to be reflective teachers, trainers, and leaders in the community and the business world who can empower people to understand and respond to problems in schools, businesses, communities and the world with effective strategies for change.
Typically offered: As Needed

ED-1201 Foundations of Education (3 Credits)
This course provides students with a knowledge base of the historical, cultural, social, economic, and political contexts in which North American schools have developed. Among the number of important threads to be examined throughout the course, emphasis will be placed on the social movements that have made improvements in equitable educational access, opportunity, achievement, and teaching towards democratic ends.. Students are encouraged to develop analytic frameworks and critical perspectives on education so that they may gain balanced understandings of current educational policies and practices in order to be able to make informed decisions about them as both educators and citizens. All students enrolled in the course are required to complete fifteen hours of fieldwork in a K-12 classroom setting. The course is open to all majors. This course is a prerequisite to the professional course sequence in Teacher Education. A grade of B or higher is required for admission into the teacher education program. Field Experience: 15 hours.
Typically offered: All Sessions

ED-2020 Educational Psychology (3 Credits)
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.
Typically offered: All Sessions

ED-2100 Assessment and Evaluation (3 Credits)
Requisite(s): ED-1201 with a grade of B or better,ED-2020 with a grade of B or better
Study of the basic principles, key measurement concepts, and practices of formal and informal assessment techniques to support educational needs in the classroom.
Typically offered: All Sessions

ED-3000 Teaching With Technology (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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.
Typically offered: All Sessions

ED-3101 Foundations of Multicultural Education (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,PSY-2233 or SED-2040
This course is designed to introduce students to the concept of multicultural education as an ongoing process of school reform for the purpose of creating an equitable learning environment for all students. Multicultural education is viewed as ingrained in all aspects of the school environment: curriculum, instructional strategies, interactions among students, teachers, and families, as well as a school's overall vision of teaching and learning. Topics will include the impact of educational laws and learning standards, structural and organizational issues in schools, critical pedagogy, antiracist teaching, multilingualism, the school-to-prison pipeline, and restorative justice.
Typically offered: Spring Only

ED-3102 Urban Education (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,PSY-2233 or SED-2040
This course is designed to provide students with both a historical overview of education within densely populated, large metropolitan areas, as well as the opportunity to analyze contemporary educational inequalities. As it locates urban education at the intersection of both geographical and socioeconomic characteristics, this course will explore topics such as poverty, school segregation, under-resourced schools, and the ways in which these issues and conditions affect children within the educational system. This course will focus on the ways in which African American and Latino students are disproportionately affected by inequality in funding as rates of school segregation increase along with a lack of qualified teachers or updated materials and facilities, making connections to the school-to-prison pipeline. As the course emphasizes the impact that federal budgetary decisions have on city schools, it also focuses on how children can be taught more effectively in various contexts, with all of the existing issues.
Typically offered: Spring Only

ED-3110 Critical Topics in Education Policy (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,ED-2100,ED-3000
In this course students are introduced to the political dimensions of schooling and the contested educational reform debates in the local and national context. Emphasis is placed on engaging students through dialogic teaching and learning so that they can acquire the analytic tools for understanding how politics shape educational policies, as well as the participatory role educators can play in the policy arena.

ED-4101 Education and Social Justice (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,ED-2040,ED-2100,ED-3000,ED-3101,ED-3110,ED-3102
In this course students develop an awareness of the ideological and structural inequities in various educational settings and concrete and sustaining ways to promote educational equity and social justice to maximize the potential for all students to achieve educational outcomes.

ED-4102 Action Research in Ed (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,ED-2040,ED-2100,ED-3000,ED-3101,ED-3110,ED-4101,ED-3102,ED-4998SED-2040,ED-2100,ED-3000,ED-3101,ED-3102,ED-3110,ED-4101,ED-4102
In this course students are introduced to a collaborative, socially conscious form of inquiry known as action research designed to identify a contemporary phenomenon and/or diagnose a problem in a classroom, school, school community, or educational organization and design a practical plan of action that leads to improvement or impacts positive change for those affected.
Typically offered: Fall Only

ED-4350 Literacy Instruction for English Language Learners (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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.

ED-4440 Art in Education - Study Abroad (3 Credits)
Requisite(s): Complete ED-1201 ED-2020 CED-2200 ED-2100;, Department chair approval is required
Travel study of the history, art, and culture in Florence through a department-sponsored tour. The course demonstrates the im-portance of art instruction for literacy development in both childhood and secondary education. Preparation classes and papers are required.
Typically offered: As Needed

ED-4990 Supervised Student Teaching (6 Credits)
Two full-time placements in an elementary school, middle school, or high school (as appropriate to the student's teaching level) of the student's senior year. Includes a bi-weekly seminar at the College. Restrictions apply regarding the number of other courses that may be taken during this semester. A portfolio must be completed during the student teacher semester. Course fee.
Typically offered: All Sessions

ED-4995 Independent Study in Education (1-3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,Completed 6 credits and cumulative 3.0 GPA or higher.
Independent work in an area of special interest. Special project, report, or term paper.
Typically offered: On Demand

ED-4998 Senior Seminar in Ed Studies (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,PSY-2233 or higher,ED-2040,ED-2100,ED-3000,ED-3101,ED-3102,ED-3110,ED-4101,ED-4102
This capstone course for all Educational Studies majors provides a platform for educational inquiry across areas of specialized interest and for a range of education stakeholders including activists, administrators, paraprofessionals, policymakers, or informed citizens. While designed to develop the individual interests of seminar participants, particular emphasis is on expanding the habits of mind developed in prerequisite courses and exploring issues of historical and current educational topics. To that end, seminar participants will undertake an inquiry that investigates a contemporary phenomenon and/or diagnose a problem in an organization, community, school, or program and discuss interventions and practical plans of action that impact positive change for those affected. Collaborative learning and critical peer review are essential aspects of the seminar. A capstone project is required.
Typically offered: As Needed

ED-6000 Workplace Learning (3 Credits)
This graduate-level course is intended for students interested or involved in any of a wide range of different forms of work-related or work-based learning, education, training, development, and debasement. These included continuing professional education, teacher educationm, management and supervisory training and development, human resource development, staff training and development, industrial trainingm, vocational education, organizational development, trade union education and training, workers' education, and education and training for unemployed people.

Entrepreneurship (ENT)

ENT-1001 Introduction to Entrepreneurship (3 Credits)
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.
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

ENT-1077 Entrepreneurial Ideation and Mindset (3 Credits)
Requisite(s): Minimun completed 14 credits
In this course, students will develop creative, innovative, and entrepreneurial thinking and begin to apply these as a unified 'success' mindset. The course will explore the skill sets of high performing and motivational leaders through case studies and guest lecturers. Students will examine a number of leadership theories and begin to develop their own leadership style.
Typically offered: All Sessions

ENT-1777 Design Thinking and Innovation (3 Credits)
In this course, students will learn to apply the concepts, theories and methodologies of design thinking, innovation, and entrepreneurship to develop process, service, product, and business design models. Students will focus on customer(client) centric interactions with the local entrepreneurial ecosystem and develop transferable skills including client presentation, networking, collaboration, and leadership.
Fulfills General Education Requirement: HCE
Typically offered: All Sessions

ENT-2001 Entrepreneurial Marketing & New Product Innovation (3 Credits)
Requisite(s): ENT-1001
This course is designed for business and non-business students who want to use their creativity and knowledge to create and market novel products and services for consumers. Students pursuing for-profit or non-profit entrepreneurship ventures will be required to create a value proposition for their new innovation, strategies to protect their intellectual property, and a marketing plan to deliver their new product/service to customers. As a result of this course, students will be capable of conducting effective market analysis, industry analysis, competitive analysis, and risk analysis to successfully market an innovation for an entrepreneurship venture.
Typically offered: As Needed

ENT-2002 Exploring Entrepshp & Innov Thur Resrch Innovation (3 Credits)
Requisite(s): ENT-1001,One ITML course
This course offers a hands-on opportunity for undergraduate students to experience the practice of qualitative research. This course will provide an overview of the nature of qualitative research in entrepreneurship and organizational studies including philosophy of science; qualitative methodologies; research methods including interviewing, focus groups, surveys, document analysis, participant observation and other forms of field work; project design, data collection, data analysis, and dissemination of research; and evaluation of qualitative research. We will explore the advantages, challenges, and ethical implications of research decisions. Students will participate in a faculty-led research project on entrepreneurship with topics and methods that vary from semester to semester. The course requires reading and writing, team discussion, and individual research activities such as interviewing, fieldwork, and/or document analysis. This course is especially helpful for students wishing to pursue a graduate degree.
Typically offered: As Needed

ENT-2003 Social Entrepreneurship & Sustainable New Businesses (3 Credits)
Requisite(s): ENT-1001 or ENT-1777
In this course students will explore what a social enterprise is and how it is the same as well as different from other types of organizations. Students will investigate how social entrepreneurs are creating new business models in markets that blur the traditional distinctions between for profit and nonprofit companies. Students will explore the use of Franciscan values in developing social enterprises.
Typically offered: As Needed

ENT-2101 Entrepreneurial Finance (3 Credits)
Requisite(s): ENT-1001
This course is designed to help new or aspiring small business owners learn how to analyze financial statements, create financial forecasts, and evaluate their ventures. Additionally, students will become aware of the methods used in determining how much money their venture needs in order to be viable, explore tools and approaches used when selling an idea to potential investors, and learn about the different types of financing alternatives available to new and small ventures. The venture capital market will be investigated in detail, including angel financing, as will other financing options including self-financing and debt financing.
Typically offered: As Needed

ENT-2777 Global Entrepreneurship (3 Credits)
Requisite(s): ENT-1001
The course is designed for students from any major who want to learn about international entrepreneurship and its importance to the economy and society, and the specific entrepreneurial skills, values and characteristics needed. The course raises students' awareness of the legal, business, managerial, creative, analytical and interpersonal skills relevant to setting up and running an innovative organization in the international context.
Typically offered: As Needed

ENT-3003 Using Tech in Entrepreneurship (3 Credits)
Requisite(s): ENT-1001
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 21st century entrepreneurs in any industry. As part of the course, students will have the opportunity to develop their own website for their small business and e-marketing plan.
Typically offered: As Needed

ENT-3301 Entrepreneurial Design Thinking (3 Credits)
Requisite(s): ENT-1001,ENT-1777
This course combines design thinking methods, traditional business strategy, and the entrepreneurial and innovation mindsets. The course will also focus on the importance of combining these analytical and creative tools to maximize entrepreneurial opportunity. The impact of these mindsets and methods on critical organizational building blocks such as value proposition, revenue streams, customer segments, and sales channels will be explored. The importance of multistakeholder collaboration will also be discussed.
Typically offered: As Needed

ENT-3302 Social Impact Entrepreneurship (3 Credits)
Requisite(s): ENT-2003
This course builds on the content material of ENT 2003 and allows for students to develop a more advanced understanding of social entrepreneurship. In this course students explore significant social problems and innovative solutions that drive transformative social change. Students will dive deeper into business models and strategies that social entrepreneurs employ to create high-impact ventures. The course will also cover how multistakeholder collaboration is fundamental for sustainable social change initiatives and will examine how they can be successfully established and maintained.
Typically offered: As Needed

ENT-3307 Enterprise Innov: Circular & Shared Economy Business Models (3 Credits)
Requisite(s): ENT-1001,ENT-1777
Through the entrepreneurial viewpoint and innovation mindset, this course focuses on the circular economy business model (think recycling or reducing resource use) and shared economy business model (think ride-shares or renting out spare space in your home as a hotel room). Students will examine how these innovative business models create sustainable social impact and a unique competitive advantage (think triple bottom line). Students can expect instructor lecture, case study analysis requiring individual written assignments or small group discussions, and experiential projects to explore entrepreneurial opportunities applying the circular and shared economy models.
Typically offered: As Needed

ENT-3308 Entrepreneurial New Venture Funding (3 Credits)
Requisite(s): ENT-3001
This course builds on the content material of ENT-3001 and allows for students to develop a more advanced understanding of entrepreneurial funding for startups. Students will develop a deeper understanding of how and why individual and institutional investors fund entrepreneurial startup ventures. Students will examine the many financing options available to get a new startup venture funded. Students will learn about harvesting via the various types of exits and recapitalizations.
Typically offered: As Needed

ENT-4990 Entrepreneurship Internship (1-3 Credits)
Students find internships through their own initiative, the Career Development Office, and occasionally through Faculty. Placements depend on the availability of suitable positions and must amount to a minimum of 45 hours for 1 credit, 90 hours for 2 credits, and 135 hours for 3 credits. The faculty internship coordinator, along with the site placement supervisor, will guide and evaluate the quality of the work. Internships must relate to a student's area of focus or proficiencies within the Entrepreneurship and Organizational Innovation major and will provide the student with an opportunity to apply knowledge and skills gained through coursework.
Typically offered: On Demand

ENT-4995 Independent Study in Entrepreneurship And Organization Innovation (1-3 Credits)
Requisite(s): ENT-2001,30 credits
Individual research and study under supervision of a department faculty member. Student develops topic which is approved by the faculty advisor. Student and faculty advisor agree upon a schedule of deliverables.
Typically offered: On Demand

ENT-4997 Entrepreneurship and Organizational Innovation Capstone (4 Credits)
Requisite(s): ENT-2001,Senior Standing
The capstone focuses on identifying and assessing business opportunities. In this course students will apply previous course materials to develop a capstone project which will cover material from business idea to prelaunch stage. During multiple team-based projects, students engage in a broad range of important entrepreneurial activities, including team and culture development, customer discovery, solution ideation, business model generation, product development, proof of concept (POC) testing, marketing & preselling, entrepreneurial funding, and other prelaunch activities.
Typically offered: On Demand

ENT-6770 Foundation of Social Innovation & Entrep (3 Credits)
Students will investigate how social entrepreneurs are creating new business models in markets that blur the traditional distinctions between for profit and nonprofit companies. Students will explore the use of Franciscan values such as social justice, social equity, and collaborative service-oriented leadership in developing social enterprises.
Typically offered: As Needed

ENT-6771 Social Change Thru Impact (3 Credits)
Requisite(s): ENT-6770
Students will learn how social entrepreneurs and intrepreneurs act as agents for social change. Through the lens of a social entrepreneur, students will learn how to create their own mission and impact driven enterprises or make impact driven investments. Through the lens of a social intreprenur, students will learn to facilitate social impact and change through corporate social responsibility and sustainability initiatives.
Typically offered: As Needed

ENT-6772 Soc Change: Impact & Mission Drive Bus (3 Credits)
Requisite(s): ENT-6771
Students will learn about the different forms of social enterprises, non-profits, and NGOs and how to quantify social impact and calculate financial metrics for each. The course will explore how the social sector is evolving from traditional philanthropic and charitable models to include new organizational types and hybrid structures that can deliver both sustainable social and economic value.
Typically offered: As Needed

Exercise Movement Science (EXM)

EXM-2208 Intro to Ex & Mvment Sci/Kinesiology (3 Credits)
Requisite(s): BIO-1140 & BIO-1141 OR BIO-1201& BIO-1202
This course provides an introduction to the domains of exercise and movement science including physiological systems, exercise physiology, clinical assessment, and exercise and sports nutrition.

EXM-2209 Measurement and Evaluation (3 Credits)
Requisite(s): BIO-1140 & BIO-1141 OR BIO-1201& BIO-1202
This course is designed to provide students with the basic concepts in statistics, measurement and evaluation in exercise and movement science. The course incorporates the application and interpretation of descriptive and inferential statistics for quantitative research and fitness evaluation. Students will utilize computer based statistical programs for statistics analysis.
Typically offered: Fall Only

EXM-3200 Biomechanics (3 Credits)
Requisite(s): EXM-3308
This course introduces students to concepts of mechanics as they apply to human movement, particularly those pertaining to exercise, sport, and physical activity. The student should gain an understanding of the mechanical and anatomical principles that govern human motion and develop the ability to link the structure of the human body with its function from a mechanical perspective.
Typically offered: Fall Only

EXM-3304 Organization and Administration of Physical Education (3 Credits)
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.
Typically offered: Spring Only

EXM-3305 Physiology of Exercise (3 Credits)
Requisite(s): EXM-2208
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.
Typically offered: Fall Only

EXM-3306 Exercise and Sport Nutrition (3 Credits)
Requisite(s): EXM-2208
This course introduces students to appropriate nutrition practices in relation to exercise or sport training to promote health, energy and adaptations.
Typically offered: Spring Only

EXM-3307 Strength and Conditioning (3 Credits)
Requisite(s): EXM-2208
This course provides an introduction to the foundational concepts of strength and conditioning. Topics covered include strength and conditioning terminology and foundations, strength and conditioning exercises, warmup strategies, and program design.
Typically offered: Spring Only

EXM-3308 Motor Learning (3 Credits)
Requisite(s): EXM-2208
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.
Typically offered: Fall Only

EXM-3309 Fit Assessment & Exercise Prescription (3 Credits)
Requisite(s): EXM-2208
This course provides students with a foundation in exercise testing and prescription. Students will investigate the many parameters of fitness, including their measurement, interpretation of results, and application toward recommendations for exercise programs. Topics will include cardiorespiratory fitness, muscular strength and endurance, flexibility, body composition, and performance/athletic components.
Typically offered: Spring Only

EXM-3310 Bus, Entre & Innov in Exer & Movement (3 Credits)
Requisite(s): EXM-2208,PHI-2342
This course explores the interfaces between human resource management, operations, marketing, and entrepreneurship within the context of entrepreneurial, for-profit, and nonprofit fitness and health promotion ventures.
Typically offered: Spring Only

EXM-3322 Introduction to Legal Issues (3 Credits)
Relates basic legal concepts to sport and physical education environments. Includes torts, contract law, constitutional law, negligence, and Title IX issues.
Typically offered: Spring Only

EXM-4302 Special Topics in Exercise Science Special Needs Special Topics in Exercise Science (3 Credits)
The study of emerging topics or inquiries not fully covered in other courses. This includes an examination of evidence-based approaches to exercise and movement science.
Typically offered: Spring Only

EXM-4616 Behavior Change Strategies (3 Credits)
This course introduces students to exercise and sport psychology theories, mediators, and behavior change strategies applied to sport, leisure, and exercise settings and provides knowledge and opportunities to develop skills to promote adoption and adherence to physical activity.
Typically offered: Spring Only

EXM-4990 Exercise & Movement Science Practicum (1-4 Credits)
This course offers students an opportunity to obtain practical experience in community health work. Students will contract for 50-100 hours at an internship placement and participate in a weekly seminar to discuss their fieldwork and apply academic theory to practice. Students will work in settings that familiarize them with concrete examples of the core competencies in the Exercise Health concentration. Students will also gain an understanding of industry and organizational structures, cultures, and ethics, and will strengthen their critical thinking, research, and problem-solving skills. They will keep logs of their activities and complete other written assignments for class.
Typically offered: All Sessions

EXM-4995 Independent Study in Exercise Science (1-4 Credits)
Independent study under the direction of a faculty member. For Exercise Science majors only.
Typically offered: All Sessions

EXM-4998 Exercise and Movement Science Capstone (1-4 Credits)
The senior capstone course integrates the knowledge, concepts and professional skills gained from prior coursework in exercise science. Students choose between two different options: (1) an applied project in which the student develops a hypothetical applied case and intervention program for a client or team in order to synthesize and demonstrate the ability to understand, develop, and advance the principles of exercise science, or (2) conduct a research project in which the student displays the development of research techniques, including the ability to define a research problem, write hypotheses, review the literature, apply a research design, collect and analyze data, and interpret the results.
Typically offered: All Sessions

EXM-5000 Social Controversies in Sport (3 Credits)
This course provides an understanding of different social and controversial issues facing sport. It examines sports from a variety of perspectives, including from historical, political, economic, and sociological viewpoints. Issues relating to race and ethnicity, gender, deviance, violence, politics, and religion and how they relate to sports will be discussed.

EXM-6010 Exercise and Sports Science (3 Credits)
In this course, students will gain the knowledge and skills necessary to find and evaluate scholarly and academic research resources generally employed by exercise and health scientists. Through an emphasis on general statistics, interpretation and analysis of data, research ethics, scientific writing, and database use, students develop proficiency in the essential steps of the scientific method of inquiry. By engaging with course discussions, writing assignments, and an independent research project, students synthesize theories and data in order to apply integrated knowledge to practice across exercise and sport science settings. In establishing a community of inquiry, sustained and active participation with other course participants are requisites to fulfill participation requirements.

EXM-6020 Exercise and Sports Nutrition (3 Credits)
In this course, students will explore how nutrition supports physical performance and the relationships between nutrition, energy metabolism, and exercise and sport performance. The course features in-depth analysis of dietary and nutritional supplementation. Emphasis is placed on applying evidence-based strategies in examining case studies, including topics of student interest.

EXM-6030 Leadership: Theory and Practice (3 Credits)
This course explores the interfaces between human resource management, operations, marketing, and entrepreneurship within the context of entrepreneurial, for-profit and nonprofit fitness and health promotion ventures. Students will develop a business plan for potential funding.
Typically offered: All Sessions

EXM-6120 Principles of Strength and Conditioning (3 Credits)
Explore the foundations of strength and conditioning as established by the National Strength and Conditioning Association (NSCA). Design and critique strength and conditioning programs based on NSCA guidelines. Designed to prepare students interested in becoming a Certified Strength and Conditioning Specialist (CSCS) through the NSCA
Typically offered: Fall and Spring

EXM-6130 Analytics in High Performance (3 Credits)
This course develops skills for the selection, development, and implementation of various types of instruments and techniques for measuring and evaluating health and human performance interventions. Evaluation of these interventions includes general health behaviors, health related fitness, nutritional and dietary intake, body composition, and other areas related to an individual's quality of life.

EXM-6140 Applied Foundation in High Performance (3 Credits)
During this course students will examine a systematic approach to integrated performance training using the National Academy of Sports Medicine's Optimum Performance Training model. This course is designed to prepare students interested in becoming a Performance Enhancement Specialist through the National Academy of Sports Medicine.

EXM-6150 Psychological Aspects: Sport & Exercise (3 Credits)
During this course students will examine a systematic approach to integrated performance training using the National Academy of Sports Medicine's Optimum Performance Training model. This course is designed to prepare students interested in becoming a Performance Enhancement Specialist through the National Academy of Sports Medicine.
Typically offered: Fall and Spring

EXM-6151 Grp Dynamics Exercise Sport (3 Credits)
Requisite(s): EXM-6150
This course prepares students to develop programs and services that enhance the health, fitness, and well-being of diverse groups. Through the study of group dynamics, students explore the psychological processes that appear in group sport, exercise, and recreational activity. Topics include anxiety, self-confidence, motivation and goal setting, leadership, the self in groups, and other elements of sport psychology related to group dynamics.
Typically offered: Fall and Spring

EXM-6210 Sports Injury Prevention (3 Credits)
This course will explore program design principles for corrective exercise training, with an emphasis on the National Academy of Sports Medicine's Corrective Exercise Continuum, but additional program/assessment strategies will be discussed.

EXM-6220 Program Design: Strength & Conditioning (3 Credits)
Explore the foundations of strength and conditioning as established by the National Strength and Conditioning Association (NSCA). Design and critique strength and conditioning programs based on NSCA guidelines. Designed to prepare students interested in becoming a Certified Strength and Conditioning Specialist (CSCS) through the NSCA. Explore the principles of resistance training and periodization. Develop periodized programs based on foundational and current literature. Critique and justify programming selections.

EXM-6230 Functional Movement Assessment (3 Credits)
Application of mechanical principles to development of human movement, with emphasis on kinematics and kinetics.

EXM-6250 Spec Topics: Adv Strength & Conditioning (3 Credits)
Examines fundamental concepts in bioenergetics, biomechanics, cardiopulmonary responses, and skeletal muscle function & adaptation. Includes evidence-based program design and practical skills necessary for success in fire and rescue, law enforcement, and military careers. Content will help prepare students to sit for the NSCA Tactical Strength and Conditioning Facilitator certification.
Typically offered: Fall Only

EXM-6330 Applied Motor Learning (3 Credits)
An evaluation of the physical, physiological, and psychological factors that affect motor skill acquisition, performance, retention, and transfer. With a focus on voluntary movement, topics include nervous system control of movement, sensory and perceptual contributions to motor learning, information processing, optimal conditions for learning motor skills, preferred modes of feedback delivery during learning, and individual variability in motor skill acquisition. Students will apply the principles of motor learning to coaching, fitness, and rehabilitation settings. Additionally, they will analyze motor learning settings and determine adjustments to be made in those settings to foster motor skill acquisition for a variety of populations.

EXM-6340 Current Topics in Sports Psychology (3 Credits)
This course covers current topics in sport psychology. Emphasizes theory and research on personality, motivation, arousal, cognition, attributions, attitudes, self-efficacy, leadership effectiveness, and group dynamics.

EXM-6350 Sport in Society (3 Credits)
Are sports an avenue for personal empowerment or a path to exploitation? What do sports mean in American society? Study the ways in which sports are embedded in social systems such as the economy, government, and education. Themes include race, class and gender issues, crime and violence in sport, and the economic impact of sport.

EXM-6990 Practicum in Exercise and Sport Science (3 Credits)
Development and implementation of a strength and conditioning program through a case study with a member of the community. Justify your programming selections and assess program success

EXM-6995 Independent Study in Exercise Science (1-4 Credits)
Graduate students only. Independent research and study in a topic in Exercise Science. Prerequisites: graduate standing and approval of the department chairperson.
Typically offered: On Demand

EXM-6998 Master's Capstone: Human Movement (6 Credits)
In-depth study of selected advanced topics in human movement science.

Finance (FIN)

FIN-2001 E-Finance (3 Credits)
Requisite(s): Take BUS-1001
This course will provide an introduction to E-Finance, including its development, the success models with corresponding case studies, the effects on the financial industry and its current status. Topics will include Big Data Analytics Application in E-Finance, Internet Payment, Third-party Payment, Electronic Money, Electronic Trading, P2P Lending, Crowd Funding, Online Banking, Online Insurance, Online Asset Management, Online Broker and E-Finance Risk & Regulation.
Typically offered: As Needed

FIN-3301 Principles of Finance (3 Credits)
Requisite(s): ACC-1001 or ACC-1101,ECO-1201 OR ECO-2202,MAT-1105 or higher
Cross-listed with: ECO-3331. 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. This course will not count as a liberal arts elective.

FIN-3302 Managerial Finance (3 Credits)
Requisite(s): ECO-3331 or FIN-3301,MAT-1109
Cross-listed with: ECO-3332. Focuses on the efficient management of the financial resources of the firm. Consideration is given to the time value of money, the statistical analysis of risk, and the use of financial ratios. Explores financial statements, analysis, financial planning, working capital management, short- and long-term financing, and optimal capital structure. Leases versus purchases and dividend policies are studied. This course will not count as a liberal arts elective.
Typically offered: Fall and Spring

FIN-3312 Investment Analysis (3 Credits)
Requisite(s): ECO-3331 or FIN-3301,MAT-1109
Cross-listed with: ECO-3333. Quantitative and qualitative methods of analyzing industrial securities, with emphasis on common stock; principles underlying the selection and management of both individual and institutional portfolios; market timing and technical strategies. This course will not count as a liberal arts elective.
Typically offered: As Needed

FIN-3316 Personal Finance (3 Credits)
Requisite(s): BUS-1001
Analysis of the many aspects of personal finance in modern society. Topics include: personal budgeting, investments, mortgages, insurance, and taxes.
Typically offered: All Sessions

FIN-3317 Principles of Real Estate Finance (3 Credits)
Requisite(s): FIN-3301 or FIN-3316
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.
Typically offered: All Sessions

FIN-3334 Public Finance (3 Credits)
Requisite(s): ECO-3331 or FIN-3301,MAT-1109
Cross-listed with: ECO-3334. 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.
Typically offered: Spring Only

FIN-3340 Insurance and Risk Management (3 Credits)
Requisite(s): FIN-3301 or FIN-3316
To learn and understand risk management and all the insurance implications of the business world including property, liability, underwriting, reinsurance, retention of risk, and claims management. To recognize the importance of insurance and risk management within all business industries in our society and to be exposed to the opportunities in this field.
Typically offered: Spring Only

FIN-3341 Property and Liability Insurance (3 Credits)
Requisite(s): FIN-3301 or FIN-3316
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.
Typically offered: Fall Only

FIN-3342 Personal Insurance (3 Credits)
Requisite(s): FIN-3301 or FIN-3316
This course analyzes personal loss exposures and insurance coverages, 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.
Typically offered: All Sessions

FIN-3343 Commercial Insurance (3 Credits)
Requisite(s): FIN-3301 or FIN-3316
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.
Typically offered: All Sessions

FIN-3351 Advanced Finance (3 Credits)
Requisite(s): FIN-3301
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.
Typically offered: Fall and Spring

FIN-3412 Portfolio Management (3 Credits)
Requisite(s): #, Take ECO-3331 or FIN-3301;, #, Take MAT-109;
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.
Typically offered: As Needed

FIN-3416 Introduction to Financial Derivatives (3 Credits)
Requisite(s): ECO-3331 or FIN-3301,MAT-1109
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 quantative analysis of pricing and strategies with the objective of preparing the student to properly use derivatives in managing the financial risks of a business.

FIN-3420 International Finance (3 Credits)
Requisite(s): ECO-3331 or FIN-3301
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 will be highlighted. Students also will learn how the value of an international firm is affected by the scope and nature of its international operations and international finance activities.
Typically offered: As Needed

FIN-3422 Financial Institutions Management (3 Credits)
Requisite(s): ECO-3331 or FIN-3301
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.
Typically offered: Fall Only

FIN-4412 Portfolio Management (3 Credits)
Requisite(s): ECO-3331 or FIN-3301,MAT-1109
Cross-listed with: ECO-4433. 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.
Typically offered: As Needed

FIN-4990 Internship in Finance (1-3 Credits)
Requisite(s): Open to junior and senior Finance majors. Department,approval required.
The Finance internship is open to majors with junior or senior standing. Placements depend on the availability of suitable positions and must amount to a minimum of 45 hours for 1 credit, 90 hours for 2 credits, and 135 hours for 3 credits. The instructor, along with the site placement supervisor, will guide and evaluate the quality of the work. Internships must relate to a student's area of focus or proficiencies within the Finance major and will provide the student with an opportunity to apply knowledge and skills gained through coursework. During an internship, students must maintain a comprehensive daily log or blog of personal work activities and write a final reflection paper demonstrating how the internship relates to concepts introduced by Finance coursework and how it raises new questions for the student about the field/work in question.
Typically offered: On Demand

FIN-4998 Capstone in Finance (3 Credits)
Requisite(s): Senior Standing (98 credits). Department approval required.
A capstone seminar for Finance seniors to compose a research paper on a topic of financial interest or conduct an analytical project developing a suitable financial strategy for a firm or institution upon studying its current financial condition.
Typically offered: On Demand

FIN-6001 Corporate Finance (3 Credits)
Requisite(s): ACC-6650 or ACC-6601
Graduate students only. 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.
Typically offered: All Sessions

FIN-6501 Advanced Finance (3 Credits)
Requisite(s): FIN-3301
Graduate students only. 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.
Typically offered: Fall and Spring

Fine Arts (FA)

FA-1102 Topic: Meditation Through the Arts Neon in Art (3 Credits)
TOPIC: The aim of this class is to explore art practice as a form of mediation. After studying various meditative approaches such as breathing and visioning, students will apply contemplative methods to art creation. This includes journaling, collaging, chanting, sound and doodling. This course is a full body experience and allows students reflective engagement with both art methodology and media. The aim is to build introspective strategies to navigate multiple responsibilities as students.
Typically offered: All Sessions

FA-1200 Introduction to the Keyboard Contemporary (3 Credits)
This class is designed for the student with no prior music reading experience. It also is taught with the presumption that the student has never played the keyboard. Thus students will be introduced to basic concepts of notation, hand placement, keyboard technique, and musicianship. Every music student needs familiarity with the keyboard, particularly with regard to effectively participating in the music theory class. The course provides students with an additional class with which to fulfill credits in the music minor.

FA-1401 Music of the Western World (3 Credits)
A survey of important music and musicians of the Western World from the beginning of the Christian era to the present. Lectures are supplemented by recordings, films, slides, and concerts.
Fulfills General Education Requirement: HCE
Typically offered: All Sessions

FA-1402 Orientation in Art (3 Credits)
This class introduces students to global art from ancient times to the present. Students study examples of different art objects and art making techniques in their social, cultural, and political context and learn to conduct formal analysis of art works in different media. Students also learn about topics and debates in art world practice (such as censorship, restoration, and iconoclasm) to forge connections between the study of art history and the contemporary world in which we live.
Fulfills General Education Requirement: HCE
Typically offered: All Sessions

FA-1403 Music of Many Cultures (3 Credits)
An introduction to the music of cultures such as those of India, Indonesia, Japan, Europe, and Sub-Saharan Africa. The music of African-Americans and Native Americans will also be studied. Lectures are supplemented by recordings, films, slides, and concerts.
Fulfills General Education Requirement: HCE

FA-1404 American Music (3 Credits)
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.
Fulfills General Education Requirement: HCE

FA-1405 Fundamentals of Music Theory (3 Credits)
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

FA-1408 Italian Fine Arts (3 Credits)
Requisite(s): Take FA-1402 or FA-1420;
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.
Typically offered: As Needed

FA-1410 Popular World Music (3 Credits)
This course is an introductory, one semester survey of popular music genres and artists from around the globe that developed and exist outside the dominant American/Western European popular music mainstream. While some familiar international styles such as Reggae, Salsa, K-Pop, and others will be covered, the student will also be exposed to many lesser-known styles and genres. Each chapter focuses on a specific region and culture, its unique popular music (including its historical-cultural origins), and the best-known representative artists. This will foster a deeper understanding of the way popular music developed and is used by various world cultures, leading to a better understanding of the cultures themselves. We will examine not just the music, but also how music is related to and interacts with literature, dance, art, religion, and culture in general, including gender, race, and socio-economic issues. This will be accomplished through a combination of reading, lecture, guided listening, projects and assignments.
Fulfills General Education Requirement: HCE

FA-1420 American Art (3 Credits)
This class introduces students to American art by studying examples of visual art and material culture such as painting, sculpture, architecture, photography, textiles, performance art, and public art, in the context of major social, cultural, and political developments in American history. Students will examine how the meaning of American art is not only a function of its subject or content, but also of where it is produced, where it is displayed and/or how it used, and the identity of the artist.
Fulfills General Education Requirement: HCE

FA-1430 Social Justice Art in African Diaspora (3 Credits)
This course seeks to explore Black life (cultural, political, social and spiritual) through the perspective of the Black artist. Students will gain exposure to the visual culture of the African Diaspora, including artists located on the African continent and those of African descent dispersed throughout many nations. Particular focus will be given to North America, Haiti, Senegal, Brazil and the United Kingdom. Students will study artists, art collectives and art movements that use art making to influence an array of social justice topics including civil rights, immigration, and prison reform. An inquiry based learning method will guide student engagement with artists using different media and practices (painting, sculpture, photography and installation). Students will learn how and why African Diasporic identities are formed and maintained along with how visual representation can aid in fueling systemic change.
Fulfills General Education Requirement: HCE
Typically offered: All Sessions

FA-2001 Italian Film: From Neorealism to Contemporary (3 Credits)
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 Crialese. Some Italian literature will also be presented.

FA-2002 History of Photography (3 Credits)
Requisite(s): FA-1402 or FA-1420
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.
Typically offered: All Sessions

FA-2100 Beginner Guitar Contemporary (3 Credits)
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.
Typically offered: Fall Only

FA-2404 Introduction to Studio Art (3 Credits)
Requisite(s): Take FA-1402 or FA-1420;
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 will 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. Can be continued in FA-2405.

FA-2405 Introduction to Studio Art (3 Credits)
Requisite(s): Take FA-1402 or FA-1420;
A continuation of FA 2404.

FA-2406 ANCIENT EGYPTIAN ART (3 Credits)
Requisite(s): Take FA-1402;
A study of Ancient Egyptian architecture, sculpture, painting, and crafts from the first through the 22nd dynasties. Factors contributing to the art of the Old, Middle, and New Kingdoms is analyzed, including ancient Egyptian geography, history, culture, literature, and mythology. Slide lectures, classroom discussions, readings, and museum visits are included.

FA-2407 ART & ARCHEOLOGY IN LAT AMER (3 Credits)
Requisite(s): Take FA-1402;
A survey of the art and archeology of the pre-Colombian civilizations in Mesoamerica and the Andean region in South America. The focus is on four cultures: the Olmec, the Maya, the Aztec, and the Inca. The colonial art of a later period and contemporary art are also studied. Field trips to museums.
Typically offered: As Needed

FA-2408 Commemorative Practices in the United States (3 Credits)
Requisite(s): WRI-1100,AMS-1001 for students pursuing American Studies minor
This course surveys commemorative practices in the United States from the Revolutionary period to the present, focusing on how individual Americans and the nation as a whole remember the past, honor people and events, and reflect on national tragedies. While this course will place an emphasis on how memories of past events and experiences have been given physical form in monuments, souvenirs, and impromptu shrines, other commemorative arts covered may include music, poetry, and film. The histories and debates surrounding a number of major memorials will be studied in depth. The class will visit several of New York's memorial sites.
Typically offered: Spring Only

FA-2409 Art of Social Change in the US United States (3 Credits)
Requisite(s): FA-1402 or FA-1420 ,AMS-1001 for students pursuing American Studies minor
This course surveys art made in the United States with the purpose of effecting social change. By making the rhetorical visual and the abstract personal, images can be powerful tools of social persuasion. Some have questioned art's political effectiveness, arguing that art is inherently removed from political action. Others have dismissed explicitly socially conscious art as propaganda. This class will investigate such claims by looking at a wide range of fine art and visual media, showing how the boundaries between art and popular media, personal expression and social commentary, and commercial and political motives, are more fluid than not. The class will begin with topics and debates related to current social movements. The class will then go back in time to cover key moments in the history of the art of social change, moving chronologically from the visual culture of abolitionism to late 20th-century and early 21st-century topics such as feminist art and the art of war protest. The class will end with a study of some examples of social practice or dialogical art.
Fulfills General Education Requirement: HCE

FA-2410 Art in New York City United States (3 Credits)
Requisite(s): Any 1000 Level FA 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.
Fulfills General Education Requirement: HCE, SEH

FA-3413 AUSTRIAN CULT & FINE ARTS (3 Credits)
Requisite(s): Take FA-1402
Cross-listed with: ICS-5307. 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.
Typically offered: As Needed

FA-3416 Early and Medieval Christian Art (3 Credits)
Requisite(s): FA-1402
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 will be examined for their style and purpose.
Typically offered: As Needed

FA-4995 Independent Study in Fine Arts (1-3 Credits)
A project undertaken by the student with the approval of the Department Chairperson. Students develop and pursue a reading and research program resulting in a paper of appropriate length.
Typically offered: On Demand

FA-4996 Choir (1 Credit)
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 may be repeated for a maximum of three credits.

FA-5412 SELECTED READINGS IN HONORS (3 Credits)
An interdisciplinary seminar course in which a variety of text (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 will participate. Honors.
Typically offered: Spring Only

FA-5414 Art in New York City (Honors) (3 Credits)
This seminar will generally survey 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 lectures may include working artists, art dealers, curators, arts administrators, and collectors. Class meetings may take place off campus at galleries, artist studios, and museums.

FA-5415 Hon Seminar: Opera in Ny City (3 Credits)
This seminar generally surveys contemporary art and the New York area scene. It helps students discover new artists, be knowledgeable about different media, and to put recent work in historical context. Guest lecturers may include working artists, art dealers, curators, arts administrators, and collectors. Class meetings may take place off campus at galleries, artist studios, and museums.

FA-5416 Hon Seminar: Public Art (3 Credits)
This course covers traditional public monuments and memorials, as well as performance art, social practice art, sound art, digital art, temporary public art installations, and public art interventions. Students will learn about the commissioning process, audience reception, and policies developed to negotiate the removal and relocation of public art no longer in sync with contemporary values. Site visits to public art projects in New York City will be made as a class and individually.
Fulfills General Education Requirement: SEH, HCE
Typically offered: Fall Only

FA-5417 Blues, Jazz, and the Harlem Renaissance (3 Credits)
An exploration of blues, jazz, and the literature of the Harlem Renaissance. In the process of developing a stronger, more critical appreciation of these art forms, students study such legendary figures as Alain Lock, WEB duBois, Langston Hughes, Zora Neal Hurston, Louis Armstrong, Bessie Smith, and Duke Ellington. Lectures are supplemented with film, slides, and recorded examples. Students will attend live jazz performances.

Fitness and Health (FIT)

FIT-1102 Exercise, Fitness, and Weight Control (2 Credits)
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. This course is designed for NON-PE Majors.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1106 Floor Hockey (2 Credits)
Floor hockey for fitness and health. Students will play, practice, and learn how floor hockey can improve strength, endurance and flexibility.
Fulfills General Education Requirement: FH1

FIT-1121 Beginning Swimming (2 Credits)
Basic instruction in swimming for non-swimmers.
Fulfills General Education Requirement: FH2

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

FIT-1123 Fitness Swimming (2 Credits)
This is a self-paced course designed to enable the student to improve cardiovascular fitness and meet personal fitness goals through swimming. Water safety will be 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.

FIT-1131 Traditional Japanese Karate (2 Credits)
Instruction in karate skills. This course is designed for NON-PE Majors.

FIT-1132 Basic Yoga (2 Credits)
Yoga postures and breath control for enhanced flexibility, strength and endurance to improve mind and body wellness. This course is designed for NON-PE Majors.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1141 Fencing (2 Credits)
Students are introduced to basic fencing techniques, tactics, and conditioning exercises. Students apply their knowledge and skills in a competitive tournament. This course is designed for NON-PE Majors.
Fulfills General Education Requirement: FH1

FIT-1142 Weight Training (2 Credits)
Create and apply a lifelong weight training fitness plan for all ages and ability levels. Students will learn about weight loss, strength gain, healthy eating, and exercise program design. This course is designed for NON-PE Majors.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1143 Golf (2 Credits)
Students will learn basic rules and technique of golf. The grip, aim setup and swing will be taught using a putter, irons, woods, and driver. The health and fitness benefits of golf will also be discussed. This course is designed for NON-PE Majors.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1144 Toning and Abdominal Conditioning (2 Credits)
Toning and abdominal exercise conditioning program that slims, tightens, and firms up the midsection. Exercise, diet, and healthy nutritional tips will be discussed. This course is designed for NON-PE Majors.
Typically offered: All Sessions

FIT-1145 Dance and Rhythmic Skills (2 Credits)
Students will experience, learn and engage in basic dance, rhythm, and movement activity that can be used to maintain lifelong health and wellness.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1146 Creative Dance (2 Credits)
Basic dance choreograph, instruction, learning and practice for everyone. Students create their own dances through an exploration of movement, music and personal expression
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1147 Ballet Introduction (2 Credits)
A beginner ballet class for all ages and abilities. Basic low intensity ballet movements will be practiced to enhance strength, flexibility, fitness, and overall health.
Fulfills General Education Requirement: FH1, FH2
Typically offered: All Sessions

FIT-1149 Hip Hop Dance (2 Credits)
Students will learn basic hip hop movements and dance routines. The health and fitness benefits of Hip Hop will be explained.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1150 Basketball (2 Credits)
Basketball for everyone. Improve your skill and physical health. Emphasis will be placed on basketball as a lifetime fitness and leisure activity.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1152 Exercise Training Techniques and Methods (3 Credits)
Students gain training experience, improved conditioning, and instructional skills in a wide variety of fitness activities that encompass the aerobic, anaerobic, and muscular system.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

FIT-1440 Conditioning and Training (3 Credits)
Fitness, exercise, health and conditioning for everyone. This course will also help to prepare students for federal job standard fitness tests.
Typically offered: All Sessions

FIT-2000 Lifeguard Certification (2 Credits)
Requisite(s): FIT-1121
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.

FIT-4990 Fitness Internship (3 Credits)
Students with advanced standing may intern at approved sites under professional supervision. The student must maintain a comprehensive log of activities to be submitted to the department Chairperson at the end of the enrollment term. Only open to declared Physical Education majors. Internships cannot substitute for major courses within the Education curriculum. Internships must be approved by the Chairperson. 3 credits. Offered as needed.
Typically offered: All Sessions

French (FRE)

FRE-1101 Beginning Year French I (3 Credits)
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.
Typically offered: Fall Only

FRE-1102 Beginning Year French II (3 Credits)
Requisite(s): FRE-1101
Continuation of FRE 1101.
Typically offered: Spring Only

FRE-2103 Lower Intermediate French (3 Credits)
Requisite(s): FRE-1102
The control of elementary audio-lingual skills and their further development; emphasis on developing reading skills. This course is not for native or fluent speakers.

FRE-2104 Upper Intermediate French (3 Credits)
Requisite(s): FRE-2103
Continuation of FRE-2103.

FRE-2200 Global French Cinema (3 Credits)
Requisite(s): GLS-1240 or GLS-1241
This course explores French and Francophone cinema from several regions and countries including France, Belgium, North Africa, Senegal, the Caribbean, Canada, and Southeast Asia. Students are introduced to the social, historical, economic, and political issues confronting these diverse societies through the analysis and discussion of key cinematographic works and short essays and literary texts. Taught in English.
Typically offered: As Needed

FRE-3201 Masterpieces of French Literature I (3 Credits)
Requisite(s): FRE-2104
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.
Typically offered: As Needed

FRE-3202 Masterpieces of French Literature II (3 Credits)
Requisite(s): FRE-3201
Continuation of FRE-201.
Typically offered: As Needed

FRE-3300 Global French Cinema (3 Credits)
Requisite(s): FRE-1101
This course explores French and Francophone cinema from several regions and countries including France, Belgium, North Africa, Senegal, the Caribbean, Canada, and Southeast Asia. Students are introduced to the social, historical, economic, and political issues confronting these diverse societies through the analysis and discussion of key cinematographic works and short essays and literary texts.
Typically offered: As Needed

FRE-4100 Studies in French (3 Credits)
Liberal arts credit; does not fulfill a language requirement. Conducted entirely in English and dealing with an aspect of French literature or civilization. Specific topic to be announced each semester.

FRE-4303 Advanced French Conversation (3 Credits)
Requisite(s): FRE-3202
Designed to develop the technique and vocabulary of discussion as a supplement to expression in the areas of experience.
Typically offered: As Needed

FRE-4304 Nineteenth-Century French Literature (3 Credits)
Requisite(s): FRE-3202
A study of the principal authors and literary movements of this period, exclusive of the poets.
Typically offered: As Needed

FRE-4403 Twentieth-Century French Literature (3 Credits)
Requisite(s): FRE-3202
A study of the development of French literature from 1900 to the present.
Typically offered: As Needed

FRE-4408 Eighteenth-Century French Literature (3 Credits)
Requisite(s): FRE-3202
A study of 18th-century literature as a reflection of the historical, social, and cultural development of France.
Typically offered: As Needed

FRE-4995 Independent Study in French (1-3 Credits)
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.
Typically offered: On Demand

Freshman Orientation (SFC)

SFC-0040 Reading, Writing, and Critical Thinking Workshop (1 Credit)
This course is designed in order to help native and non-native speakers develop the skills needed to meet the demands of academic English. Students learn reading, writing, and study skills in a variety of activities designed to stimulate discussions. The Project Access Program offers a unique experience for first year students. The projects for this course and the assignment given in class will make up the portfolio for the semester. A portfolio with a self-reflective introduction is assembled, submitted, and evaluated for the successful completion of this course.
Typically offered: Fall Only

SFC-1001 First Year Experience (1 Credit)
Welcome to St. Francis College and First Year Experience (FYE)! FYE is a unique course designed to provide you with the opportunity to explore issues relevant to new students during your first semester at St. Francis College. Our goal for the semester is to provide an open forum for discussion about college transition issues and concerns, and collectively build relationships and community. Through this course we will promote essential college-level success skills, and greater self-awareness, self-care, self-advocacy, and personal growth skills. Over the course of the semester, we will deepen your understanding of yourself as a scholar, individual, and global citizen. Together, we will investigate your college experience holistically, which will allow you the ability to make informed decisions paving the way for a richer, fuller college career. This course will include one lecture hour and one recitation hour per week.
Fulfills General Education Requirement: FS1
Typically offered: All Sessions

SFC-2000 Readmit and Completion Seminar (1 Credit)
The Seminar is designed to address the needs of students returning and or transferring to SFC. This is a reinforcement of college academic policies and procedures and strategies to improve academic performance and increase grade point averages (GPA) as well as recognition of Prior Learning potentials and Experiential Learning opportunities.
Typically offered: All Sessions

Greek (GRK)

GRK-1101 Biblical Greek I (3 Credits)
Cross-listed with: REL-2110. 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.
Typically offered: Fall Only

GRK-1102 Biblical Greek II (3 Credits)
Requisite(s): GRK-1101
Cross-listed with: REL-2111. Building on GRK 1101, 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.
Typically offered: Spring Only

Health Care (HC)

HC-1001 Introduction to American Health Service Delivery I (3 Credits)
An introduction to the pluralistic health system of 21st-century America; institutions, manpower, consumers, financing, and government. This foundation course will survey topics covered in higher-level courses, as well as describe the broader environment in which individual services are grounded. Topics include public, private, and voluntary 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.

HC-1003 Introduction to Gerontology (3 Credits)
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.

HC-2001 Organization and Management of Health Institutions (3 Credits)
Requisite(s): HC-1001 with a grade of C or higher
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.
Typically offered: Fall Only

HC-2002 Legal Issues in Health Care (3 Credits)
Requisite(s): HC-1001 with a grade of C or higher.
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.
Typically offered: Fall Only

HC-2003 Decision-Making in Health Field (3 Credits)
Requisite(s): HC-1001 with a grade of C or higher
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.
Typically offered: Spring Only

HC-3001 Personnel Management in the Health Field (3 Credits)
Requisite(s): HC-1001 with a grade of C or higher.
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.
Typically offered: Fall Only

HC-3002 Health Planning and Research (3 Credits)
Requisite(s): HC-1001 with a grade of C or higher.,MAT-2301
Students will examine and analyze the health care research literature with an emphasis on understanding and then applying statistics in novel health care situations.

HC-3003 Evaluation and Quality Assurance in Health Care (3 Credits)
Requisite(s): HC-1001 with a grade of C or higher.,MAT-2301
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.
Typically offered: As Needed

HC-3004 Financial Management for the Health Fields (3 Credits)
Requisite(s): HC-2001
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.
Typically offered: As Needed

HC-3005 Long-Term Care Management (3 Credits)
Requisite(s): HC-1003,HC-2001
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.

HC-3006 Alternate Care for the Aged (3 Credits)
Requisite(s): HC-1003,HC-2001
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
Typically offered: As Needed

HC-3007 Mental Health: Concepts & Administration (3 Credits)
Requisite(s): HC-2001,PSY-1100
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.
Typically offered: As Needed

HC-4990 Field Placement in the Health Field I (1-5 Credits)
Requisite(s): Complete 15 credits in HC subject with a grade of B, senior,standing and departmental approval.
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.
Typically offered: All Sessions

HC-4991 Field Placement in the Health Field II (1-3 Credits)
Requisite(s): Complete 15 credits in HC subject with a grade of B, senior,standing and departmental approval.
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.
Typically offered: All Sessions

HC-4995 Independent Study in Health Care I (1-3 Credits)
Requisite(s): Complete 15 credits in HC courses with a 3.0 GPA and,departmental approval.
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.
Typically offered: All Sessions

HC-4996 Independent Study II (1-3 Credits)
Requisite(s): Complete 15 credits in HC courses with a 3.0 GPA and,departmental approval.
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.
Typically offered: All Sessions

HC-4998 Seminar in Health Management Issues (3 Credits)
Requisite(s): Senior standing
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.
Typically offered: Spring Only

HC-6001 U.S. Health Care Delivery and Markets (3 Credits)
Graduate students only. 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.

HC-6002 Leadership and Innovation in Health Care (3 Credits)
Requisite(s): HC-6001
Graduate students only. 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.

HC-6003 Health Care Finance and Reimbursement (3 Credits)
Requisite(s): ACC-6601,FIN-6001
Graduate students only. 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.

HC-6004 Special Topics in Health Care Management (3 Credits)
Graduate students only. 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.

Health Science (HS)

HS-1001 Health Issues (2 Credits)
Provides an overview of select current issues in the area of health. Data necessary for making informed decisions will be presented. Personal and societal attitudes, beliefs, and values implicit in the decision-making process will be discussed as they relate to health behavior and, consequently, health outcomes. 2 CREDITS. EVERY SEMESTER. DAY. EVENING. NOTE This course does not fulfill the 2-credit core requirement for HCM majors.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

HS-1201 Community Health (3 Credits)
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.
Fulfills General Education Requirement: FH2

HS-1206 Safety and First Aid (3 Credits)
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).
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

HS-1207 Nutrition (3 Credits)
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.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

HS-1302 Consumer Health (3 Credits)
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.
Fulfills General Education Requirement: FH2

HS-1305 Coping with Stress (3 Credits)
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.
Fulfills General Education Requirement: FH2
Typically offered: All Sessions

HS-1306 Healing and Wholeness (3 Credits)
Exploring healing and wholeness from many perspectives, this course is an overview of healing from the traditions of the shaman to contemporary faith healers, from ancient roots through modern medicine--Chinese medicine, Ayurvedic medicine, and homeopathy as well as alternative medicines and holistic therapies and ways to self-healing through dream journals and meditation.
Fulfills General Education Requirement: FH2
Typically offered: Spring Only

HS-1403 Women's Health Issues (3 Credits)
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 ones own body, contraception, pregnancy, rape, family violence, hysterectomy and mastectomy, mental health issues, and patients rights in the health system. 3 credits. Fall; evening.
Fulfills General Education Requirement: FH2
Typically offered: Fall Only

HS-1419 Death, Loss, and Grief (3 Credits)
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.
Fulfills General Education Requirement: FH2
Typically offered: Spring Only

HS-1501 Introduction to Public Health (3 Credits)
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.
Fulfills General Education Requirement: FH2

HS-2150 Methods in Teaching Health (3 Credits)
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.
Fulfills General Education Requirement: FH2
Typically offered: Fall Only

HS-2151 Theory & Research in Health Promotion (3 Credits)
Review of empirical research including basic interpretation of elementary statistical tests and techniques. Literature review of behavior maintenance, adoption, change and management theories drawn from the public health and social sciences. Prerequisite: HS 2150. 3 credits. Spring semester; day
Fulfills General Education Requirement: FH2

HS-2240 Introduction to Environmental Public Health (3 Credits)
This introductory course will examine the root causes and the scientific understanding of the major environmental health problems associated with urban communities. The course will examine key historical trends and look at current trends and new emerging issues facing densely-populated urban cities. 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. Specific pollutants of interest will be discussed, including asbestos, heavy metals, pesticides, PCBs, radiation, mold, tobacco smoke and other allergens with relevance to their impact on public health. Environmental disasters, either naturally occurring or artificially induced, i.e., as acts of terrorism, will also be examined as a potential vehicle of disease and threat to public health. 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 that aim to control environmental hazards and lessen their impact on the health of urban communities.
Fulfills General Education Requirement: FH2
Typically offered: Fall Only

HS-2250 Public Health Perspectives on Human Sexuality (3 Credits)
Requisite(s): BIO-1140 and BIO-1141,PSY-1101 or SOC-1000
This course addresses questions about human sexuality using bio-medical knowledge about anatomy (the organs), physiology (function), and behaviors. We will look at the lifespan health issues that trouble people the most using a public health perspective. We will address health issues that impact sexuality, although related to other bodily systems. Along the way, we explore where people obtain sexual information, review its accuracy and develop strategies for finding valid information. We will talk about global Public Health interventions that promote responsible sexuality, equal access to reproductive information and technologies, and how health disparities impact global health measurements. Together we will create sexual behavior negotiations, consent exchanges, and shared responsibility scripts that we will talk about in light of legal, ethical, economic, and cultural conditions. Community-based careers and scholarship in sexual health will also be introduced.
Fulfills General Education Requirement: FH2
Typically offered: Fall Only

HS-2406 Epidemiology (3 Credits)
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.
Fulfills General Education Requirement: FH2

HS-3250 Designing Health Promotional Programs (3 Credits)
Requisite(s): HS-2151, Take 2 courses;, From Subject HS;
Students are guided through planning and designing a health promotion program in a content area, setting, and population of their own choice.
Typically offered: Fall Only

HS-3251 Implementation and Evaluation of Health Promotion Programs (3 Credits)
Students are guided through program acceptance, marketing implementation, and evaluation programs. Students will organize and implement a campus-wide health fair and evaluate it.
Typically offered: Spring Only

HS-4000 Special Topic: Obesity - an Epidemic Marine Biology in Belize (3 Credits)
In this course, students will learn about the prevalence of and rise of obesity in our society. Causes of obesity and its effect on health will be explored. Socioeconomic factors such as cheap high calorie food, and increasing urbanization, as well as genetics, cultural differences in perception of food, and its preparation and consumption will be examined. The biology of the effects of weight on organ systems such as the heart and circulation and diabetes will be considered. Models of successful solutions to this problem will be presented, and students will be encouraged to formulate their own solutions.
Typically offered: As Needed

HS-4001 Special Topic: 3D Printing in Health (3 Credits)
A practical overview of 3D printing technologies and design in Health Care.
Typically offered: As Needed

HS-4350 Intro to Research and Bioethics in HP (3 Credits)
Requisite(s): HPSCI majors: are required to take HS-3251 as a prerequisite,HCMGT majors: no prerequisite required.
Provides a dual introduction to concepts and skills that will culminate in the completion of a senior thesis in the seminar. This course introduces a variety of ethical issues related to health. Research skills from topic selection and narrowing through draft writing will be practiced. Prerequisite: HS 3251. 3 credits, Fall semester, day, beginning Fall 2009.
Fulfills General Education Requirement: FH2
Typically offered: Fall Only

HS-4990 Internship in Allied Health I (1-3 Credits)
Requisite(s): 15 HS credits and permission of chairperson.
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.
Typically offered: On Demand

HS-4991 Internship in Allied Health II (3 Credits)
Requisite(s): 15 HS credits and permission of chairperson.
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.
Typically offered: On Demand

HS-4995 Independent Study in Health Science Promotion (1-3 Credits)
Requisite(s): 15 HS credits with a B average;,permission of chairperson and proposal are,required.
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.
Typically offered: On Demand

HS-4996 Independent Study in Health Science II (3 Credits)
Requisite(s): HS-600
Same as HS 600; students may elect a second semester as HS 601.
Typically offered: On Demand

HS-4998 Seminar in Health Science (3 Credits)
Requisite(s): Senior Standing,Co-req HS-4350;
Integrating theory and practical experiences in health promotion, this seminar allows in-depth exploration of issues of importance to the field. Completion of a thesis paper and oral presentation encompass the major work in this course.

HS-5420 Healing in a Cultural Context (3 Credits)
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.
Typically offered: As Needed

History (HIS)

HIS-1101 Survey of Western Civilization to 1500 (3 Credits)
A survey of the principal historical events, forces, and movements from the Dawn of Man to the Reformation; ancient, medieval, and early modern developments.
Typically offered: Fall Only

HIS-1200 Understanding the Human Rights (3 Credits)
This course will examine significant violations of human rights within their historical context. The evolution of human rights as entities within a global political thought and practice will provide philosophical context. There will be a specific focus on human rights law and moral pressures concerning the relief, remedy, and prevention of injustices to victims of society from diverse perspectives. Students will be encouraged to rely on reasonable evidence and critical thinking when studying these historical controversies, rather than on biased accounts or emotional arguments. Each of these topics will be carefully studies to identify root causes and sources of problems and then to retrace the pathways of movements and policies that were developed to address them and improve societies.
Fulfills General Education Requirement: WHG
Typically offered: As Needed

HIS-1201 US History 1896 to Present (3 Credits)
The major economic, social, intellectual, and political movements of the twentieth century in the United States.
Fulfills General Education Requirement: WHG
Typically offered: All Sessions

HIS-1202 Topics in U.S. History: the Brooklyn Waterfront (3 Credits)
This course explores the history of the Brooklyn waterfront from the colonial period to the present, using it as a lens to understand key events in American history. It emphasizes primary source research and serves as an introduction to the disciplinary methods in the field of history.
Fulfills General Education Requirement: SEH, WHG

HIS-1302 Survey of World History Since 1500 (3 Credits)
Examines major developments in the economic, political, technological, cultural, and social history of world civilizations from the rise of world trade around the turn of the sixteenth century up until the present. In the process it examines the events, ideas, institutions, and people that have helped make the world what it is today.
Fulfills General Education Requirement: WHG
Typically offered: All Sessions

HIS-2101 Lecture Series, Topic: New York Observed History, Literature and Culture Colonial Times to the Present (3 Credits)
Requisite(s): HIS-1201
An interdisciplinary lecture series with invited scholars exploring selected themes in NYC history, literature, and culture from colonial times to the present. Lectures are open to the public. For credit students attend both lectures and a weekly discussion section. Occasional walking tours of NYC landmarks and neighborhoods are also given.
Typically offered: Fall Only

HIS-2102 Lecture Series, Topic: Christianity (3 Credits)
Requisite(s): HIS-1201 and either PSC 1202 or PSC-1204
Christianity is one of the worlds leading religions. It is fitting that is should be objectively studied to understand its origins, leaders, values and effects.
Typically offered: All Sessions

HIS-2103 Lecture Series: Brooklyn Observed (3 Credits)
Requisite(s): HIS-1201
An interdisciplinary lecture series with invited scholars exploring selected themes in Brooklyn history, politics and culture from colonial times to the present. Lectures are open to the public. For credit students attend both lectures and a weekly discussion section. Occasional walking tours of Brooklyn landmarks and neighborhoods are also given. Prerequisite: Hist.1201.
Typically offered: As Needed

HIS-2104 Lec. Series: American Social Movements (3 Credits)
Requisite(s): HIS-1201
An overview of the major social and cultural movements in the United States from 1830 to the present. Co- taught by faculty of the history and sociology departments , this course will address movements of both the Left and the Right, from 19th century Abolitionism, Women's Rights, and Civil Rights on the Left, to Prohibition and the current resurgence of Tea Party conservativism on the Right. Major nineteenth and twentieth century artistic, architectural and literary movements will also be addressed. Prerequisite: HIS-1201.
Typically offered: As Needed

HIS-2105 Lecture Series: East Asia (3 Credits)
Requisite(s): HIS-1201
A survey of East Asian history from the 19th century to the present with a focus on China, Japan, and Korea. Topics covered will include East Asian responses to Western imperialism during the 19th century and the impact of revolution, international conflict, and modernization on East Asia during the 20th century.
Typically offered: As Needed

HIS-2106 Balkans History (3 Credits)
Requisite(s): HIS-1201
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.

HIS-2107 Post-WWII U.S. Protest Movements (3 Credits)
This course focuses on post-war movements for social change in the United States. Co-taught by faculty in the history and sociology departments, this course analyzes the shift from traditional New Left movements for social change (civil rights, anti-war, and free speech) to movements focusing on identity (women's rights, Black Power, and gay liberation). This course will also explore recent non-traditional social movements, including battles for marriage equality, against police brutality, violence against women, and mass incarceration, and broadening definitions of sexual, racial, and ethnic identities.
Typically offered: As Needed

HIS-2108 Lect Series: Modern African History (3 Credits)
At the close of the 20th century, The Economist magazine labeled Africa the hopeless continent. This course moves beyond such blanket assessments by exploring the changes that Africans experienced during the colonial and post-colonial periods and the diverse attempts to deal with these challenges. It examines colonial and post-colonial African issues, including the colonial legacy and neocolonialism; conflict and human rights; development, poverty, and the debt problem; healthcare infrastructure; globalization, democracy, and multiparty politics; and how these relate to the world at large.
Typically offered: As Needed

HIS-2201 New York on Location: Walking Tours in The City (3 Credits)
Requisite(s): HIS-1201
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. Past locations have included Central Park, Governor's Island, DUMBO, Green-Wood Cemetery, and assorted New York City cultural institutions, museums, and communities.
Fulfills General Education Requirement: SEH

HIS-2202 Ancient History (3 Credits)
Requisite(s): HIS-1201
A study of ancient history from the origin of man to the fall of Rome; contributions made by the ancient world to modern civilization.
Typically offered: Fall Only

HIS-2203 International Human Rights and Humanitarian Law (3 Credits)
Requisite(s): Complete one of the following coures as the prerequisite:,HIS-1201, HIS-1203/PSC-1203, HIS 1302 or PSC-1202
This introductory course surveys the history of international human rights and humanitarian law both from a theoretical perspective as well as a case law perspective.

HIS-2301 Medieval History (3 Credits)
Requisite(s): HIS-1201
A survey of the history of the Middle Ages; feudalism, universities, monarchy, the Church, the Hundred Years' War.
Typically offered: Spring Only

HIS-2303 World in the 20th and 21st Century (3 Credits)
Requisite(s): HIS-1201
A study of the evolution of the nation-state system in the twentieth and twenty-first centuries. Concepts and world events such as imperialism, nationalism, fascism, communism, the Great Depression, the two World Wars, the Cold War, decolonization, and globalization are studied.

HIS-2310 Latin American History (3 Credits)
Requisite(s): HIS-1201
A survey of Latin American history from pre-conquest days to the present.

HIS-2314 Topics in Public History (3 Credits)
Requisite(s): HIS-1201
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
Fulfills General Education Requirement: HCE
Typically offered: As Needed

HIS-2335 Political Themes in American Film Consequences, Containment (3 Credits)
Requisite(s): HIS-1201
Cross-listed with: PSC 2335. An examination of the political ideologies in American films dealing with war, government corruption, related conspiracy theories, political figures, electoral campaigns, the incorporation of minorities and immigrants into American society, the media, economics, and foreign policy. Course will focus on the historical narrative presented by the filmmakers and ask whether the films convey history or mythology.
Typically offered: As Needed

HIS-2401 US History Age of Discovery 1789 (3 Credits)
Requisite(s): HIS-1201
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.
Fulfills General Education Requirement: WHG
Typically offered: Fall Only

HIS-2402 History of the United States 1789-1896 (3 Credits)
Requisite(s): HIS-1201
A study of the United States as it struggled to set its new government into motion; political, economic, cultural and diplomatic developments in the nineteenth century.
Typically offered: Spring Only

HIS-2403 Modern European History: 1560-1763 (3 Credits)
Requisite(s): HIS-1201
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.
Typically offered: As Needed

HIS-2404 Modern European History: The Long Nineteenth Century (3 Credits)
Requisite(s): HIS-1201
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.
Fulfills General Education Requirement: SEH, WHG

HIS-3196 Interpreting the 1960s (3 Credits)
Requisite(s): HIS-1201,SOC-1000
Cross-listed with: SOC-3196. 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 also 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 onto 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 concluding with an assessment of the cultural changes initiated by the counter-cultural youth movements.
Typically offered: As Needed

HIS-3307 Race and Ethnicity in American Life (3 Credits)
Requisite(s): HIS-1201
Examines America's racial and cultural diversity through the historical experiences of major American minority populations: Native Americans, Latinos, African-Americans, Asians, and others. Prerequisite:HIS 1201. 3 credits. Spring semester.

HIS-3308 History of Sexuality (3 Credits)
Requisite(s): HIS-1201
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.

HIS-3311 History of the African American (3 Credits)
Requisite(s): HIS-1201
A study of African-American life from 1619 to the present, with emphasis placed on the African-American experience in the United States during the twentieth century.

HIS-3312 Renaissance and Reformation (3 Credits)
Intellectual and religious movements during the transition from the Middle Ages to modern times.

HIS-3315 Women in the Twentieth Century World (3 Credits)
Requisite(s): HIS-1201
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, moral reform, and peace, 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.
Typically offered: As Needed

HIS-3370 History of American Labor (3 Credits)
Requisite(s): HIS-1201
Dedicated to the study of the American worker, this course begins with a study of colonial labor systems, the emergence of nineteeth-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-manangement disputes are also studied.

HIS-3407 Survey of United States Foreign Relations (3 Credits)
Requisite(s): HIS-1201
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.

HIS-3456 American Cultural History - Colonial Era To Present (3 Credits)
Requisite(s): HIS-1201,WRI-1100,AMS-1001 for students pursuing AMS minor
Identifies foundational themes as: place, individualism/community, ethnic identities, race, gender, and popular culture and media. All of these recurring themes will be explored here as we examine the larger intellectual, cultural, and popular forces, conflicts, and mythologies that have shaped American identity and destiny from colonial times to the present: questions of race and ethnicity, national character and exceptionalism, republicanism, egalitarianism, Manifest Destiny, the myth of Rags to Riches, and the American dream. More immediate issues that have commanded national attention in recent decades -- questions surrounding immigration and multiculturalism, and movements for racial and sexual equality -- are also addressed. Because history is interdisciplinary by its very nature, this course will also closely adhere to the methodology employed in by the American Studies program: Students will draw from a variety of primary texts and genres, including fiction and poetry, public policy and political speeches, autobiography and diaries, art and architecture, music and media, and other sources as they explore such wide-ranging topics as citizenship, race and ethnicity, the built environment, migration and labor, and social and cultural movements.
Typically offered: As Needed

HIS-3466 History of Britain (3 Credits)
Requisite(s): HIS-1201
Beginning with the Roman conquest of Great Britain, this course traces the political, economic, and cultural evolution of Britain to the present day. It examines the significant changes brought about by the Anglo-Saxon and Norman conquests, the Wars of the Roses, the English Renaissance and Reformation, and the revolutions of the seventeenth century. The Industrial Revolution, society and culture during the Victorian Era, and the development and decline of the British Empire are also significant units.
Typically offered: As Needed

HIS-3480 New York City in the American Urban Experience. (3 Credits)
Requisite(s): HIS-1201
This course employs an interdisciplinary approach to the study of the American city. Utilizing New York City as a prism through which to study the evolving urban metropolis, it explores selected themes in the American urban development from colonial times to the present. Includes assorted walking tours of city sites and neighborhoods.
Typically offered: As Needed

HIS-3490 Famous Trials: Landmark Legal Cases In American History (3 Credits)
Requisite(s): HIS-1201
Selected legal controversies from the Colonial era to the present are examined against their broader relationship to American culture.
Typically offered: Spring Only

HIS-3501 The Atlantic World (3 Credits)
Requisite(s): HIS-1201,AMS-1001 for students pursuing American Studies minor
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.
Typically offered: As Needed

HIS-3998 Historical Methods and Historiography (3 Credits)
Requisite(s): HIS-1201 ,Four courses in HIS numbered 3000 or higher
This course provides a critical introduction to the methods of historical research and writing and to the history of historical writing over time (historiography). Required of all history majors as a prerequisite to their Senior History Project.
Typically offered: Spring Only

HIS-4990 Internship in History (1-6 Credits)
Requisite(s): HIS-1201
Students may intern at approved sites under professional supervision. Internships are available at the national, state, and local governments. In addition, internships are available with the law firms, museums, and historical societies. Internships must be approved by the department Chairperson and are subject to availability.
Typically offered: As Needed

HIS-4995 Independent Study in History (1-3 Credits)
Requisite(s): HIS-1201
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 will seek a departmental professor and they will draw up a contract specifying the nature of the work. A paper is usually required in this course.
Typically offered: As Needed

HIS-4998 Historical Seminar (3 Credits)
Requisite(s): HIS-3998
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.
Typically offered: Fall Only

HIS-5400 Political Themes in American Film Consequences, Containment (3 Credits)
In this course, we will examine 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. We will specifically focus on the historical narrative presented to us by the filmmakers. Depending on the film director, the film's argument or stance on a political issue may be either explicit or subtle. We will also ask if these films really convey history or mythology. Films from virtually every era of American History will be studied- from the 1910s to the present. Readings will include, when necessary, biographical information on the individual directors in addition to explaining the historical and political context for each individual film.
Typically offered: As Needed

HIS-5401 Seminar: Amsterdam and New Amsterdam (3 Credits)
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 emerged 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 toleration to religious minorities earlier than any of its neighbors. Open to students in the honors program.
Fulfills General Education Requirement: WHG, SEH

HIS-5404 Cults and Conspiracy Theories in the US (3 Credits)
This course examines how cults and conspiracy theories have both emerged from and influenced life in the United States. Drawing on historical and sociological perspectives, this course offers insight into why individuals are drawn to fringe ideas and how specific historical, social, economic, and cultural contexts fuel particular sorts of cults and conspiracy theories. In exploring this topic, we will also build strong information literacy by examining how leaders and promoters of cults and conspiracy theories use disinformation, mistrust, and fear to build followings. Students will read articles, listen to podcasts, and view documentaries that offer insight into this wide and fascinating field of inquiry.
Typically offered: Fall Only

HIS-5410 Race and Place in Brooklyn History (3 Credits)
This honors course examines the role of race in Brooklyn's history from European contact through the present. Students will read scholarly works on the history of Native Americans, slavery, immigration, and civil rights in Brooklyn, all with an emphasis on the development of the divisions and connections between different groups, neighborhoods, and spaces. Students will also have the opportunity to conduct primary source research at Brooklyn Historical Society and engage with other institutions and events in the broader community.
Typically offered: Spring Only

HIS-5420 New York City American Urban Experience (3 Credits)
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 explorers selected themes in the American urban experience from colonial times to the present. Images of the city as portrayed in literature and the popular media are also considered. Guest speakers and walking tours and visits to New York City museums, landmarks and neighborhoods are important methodological components of the course. Open to students in the college honors program only.
Fulfills General Education Requirement: SEH, WHG
Typically offered: As Needed

Honors (HON)

HON-5101 Honors Freshman Seminar (3 Credits)
Student conversation and ideas are engaged in interdisciplinary concerns that are the broad focus of honors seminars. A careful approach to research, rhetoric, writing and dialogue is incorporated into the course materials selected from the humanities, social sciences, science, business and technology. As in all Honors Program courses, no tests are given, therefore grades are based on written discourse, research and conversation. Field trips are required. Students must complete both HON-5101 and HON-5102 to receive credit for either. Open only to students admitted into the Honors Program.
Fulfills General Education Requirement: OC1
Typically offered: Fall Only

HON-5102 Honors Freshman Seminar (3 Credits)
Requisite(s): HON-5101
Second semester of Honors Freshman Seminar. Students must complete both HON-5101 and HON-5102 to receive degree credit for either.
Fulfills General Education Requirement: WRI1
Typically offered: Spring Only

HON-5400 Viable Sustainable Businesses (3 Credits)
Viable Sustainable Businesses: Student Perceptions The students will thus research different kinds of supposedly green or sustainable businesses and choose one that they believe has long term potential for the greater New York (or Brooklyn) market. They will explain why the business is truly green and sustainable, what about it appeals to them, what is its long term potential, and what they believed would be the major obstacles, including competition, the businesses would have to face.
Typically offered: As Needed

HON-5401 Diplomacy (3 Credits)
Diplomacy is the best means of preserving peace which a society of sovereign nations has to offer, so stated Hans J. Morgenthau, the father of the main school of thought in international relations. What has happened to this key instrument of foreign policy and international politics-which aims to mitigate and minimize conflicts among nations-in this current turbulent era? After an overview of key concepts, principles, and contending theories of international politics, this course delves into a history of diplomacy, with particular attention to its practice in the past several decades, and a focus on American postwar global leadership in key issue-arenas. It concludes with an examination of the cases made for the revival of diplomacy and multilateralism to peacefully resolve burgeoning crises and conflicts.
Fulfills General Education Requirement: SEH, WHG
Typically offered: As Needed

HON-5402 Islam, Democracy, & Human Rights (3 Credits)
The course aims to provide students with a general overview of the basic themes and issues in discussions about Islam and democracy with an emphasis on the discourse on human rights. This course will first give an introduction to the relationship of the political with the religious regarding Islam and will then discuss the discourse on democracy in Islamic milieus in the 20thand early 21stcenturies. We will then move on to discuss the relationship between the religion of Islam, Muslim societies, and international human rights norms in the last 50 years, reflecting upon political Islam, colonialism, and the nation-state.
Fulfills General Education Requirement: WHG, PEM

HON-5403 Human Geography (3 Credits)
This course surveys world patterns of culture, language, religion, identity, and political systems with an emphasis on environmental sustainability. It examines the geographies of human development, including globalization, urban areas, agriculture, industry, and services. Students will delve into the study of population dynamics, migration patterns, urbanization, cultural landscapes, and geopolitical issues through the lens of sustainability. This course aims to nurture students' awareness of their role as global citizens committed to environmental and social responsibility.
Fulfills General Education Requirement: WHG, PEM

HON-5429 Sem: Child/Adol in Global Societies (3 Credits)
During the last several decades, scholars and researchers in various disciplines have studied how children and adolescents develop in societies across the globe. In this context, such topics as infants' early interaction with caregivers, children's socialization throughout the school-ages, and adolescents' self-seeking journey have been popularly examined in terms of cultural specificities. More recently, however, as globalization prevails from one place to another into more profound levels, the developmental trends of those young generations seem to evolve in some directions that we have never seen or experienced. This course reviews the cornerstones of developmental theories and findings in many Western and non-Western cultures and explores new globalization trends in developmental pathways of children and adolescents. Students will be required to read (book chapters, academic journal articles, and non-profit organizations' trends reports), watch (documentary video clips), and discuss in class. To ensure a realistic understanding of readings and materials, each student will explore specific childrearing or adolescent-developing culture or topic and give a class presentation.

HON-5995 Honors Independent Study (1-3 Credits)
A reading- and research-based activity anchored to a cooperating profesor's course, an Honors Program colloquium, or by previous arrangement to another audience, in which an Honors Program student pursues a topic or interested presented in a prospectus offering an interdisciplinary embrace of the subject. Suitable meeting arrangements and a calendar of dates for reporting on the project are necessary before submitting the prospectus for approval to the Director of the Honors Program. In all cases, independent study must be requested during the registration period prior to the semester in which the course is to be taken.
Typically offered: As Needed

HON-5997 Honors Thesis (3 Credits)
Requisite(s): Permission of Honors Program Director
The Honors thesis is the capstone project for the Honors Program diploma, it is mandatory for all Honors students who must enroll for it in the Fall semester of their Senior year and complete the thesis requirements as per designated schedule over two semesters. Arrange to meet with the Honors Program Director.
Typically offered: As Needed

HON-5998 Honors Thesis II (3 Credits)
Requisite(s): HON-5997 with a grade of B or higher, and Permission of,Honors Program Director
A continuation of HON 5997 the capstone project for the Honors Program diploma, it is mandatory for all Honors students who must enroll for the second part in the Spring semester of their Senior year and complete the thesis requirements as per designated schedule and approval of the Honors Council.
Typically offered: Fall and Spring

HON-5999 Honors Senior Seminar (1 Credit)
Requisite(s): Senior Standing
The senior seminar will provide students guidance in compiling a digital portfolio, identifying and articulating career and personal goals, and offering preparation for life after college.
Typically offered: Fall and Spring

Human Resources (HR)

HR-2204 Human Resources Management (3 Credits)
Requisite(s): BUS-1001 or PSY-1100
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).
Typically offered: All Sessions

HR-3310 Organizational Behavior (3 Credits)
Requisite(s): HR-2204
This course focuses on the fundamental concepts of psychology, sociology, cultural anthropology, and awareness of human behavior in organizational environments. Individual and group reactions, motivation, perception, leadership roles, personality dynamics, and stem culture differentiation are studied through an active learning process. Prerequisite: HR 2201. 3 credits. Offered as needed.
Typically offered: As Needed

HR-3312 DEI at the Workplace (3 Credits)
Requisite(s): HR-2204
The class teaches students how corporations foster diversity, equity, and inclusion (DEI) at the workplace as a core element of their corporate and people strategy to drive long-term shareholder value. Students will learn how corporations can develop inclusive talent management practices and set key performance indicators to track their DEI goals as a great place to work. The class will also discuss opportunities and challenges to apply DEI practices across all business functions and the supply chain, including Product Development, Sales & Marketing, and Finance.
Typically offered: As Needed

HR-3409 Indust Rel & Collect Bargng (3 Credits)
Requisite(s): HR-2204
The various factors, including legislation, involved in the negotiaion 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.
Typically offered: Spring Only

HR-3410 Compensation (3 Credits)
Requisite(s): Take HR-2201;
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.
Typically offered: Spring Only

HR-3501 Organizational Leadership (3 Credits)
Requisite(s): HR-2204
Leaders have the capacity to influence others to take action towards achieving goals. In this class, we will explore contemporary leadership theories and models and examine leadership in organizations, politics, and society through real-world case examples as well as leader portrayals in film, television, and news media. We will discuss the differences and similarities between formal leaders with positional power as well as informal leaders who have developed personal power. We will consider the role of leadership in developing organizations that are ethical, inclusive, and proactive in engaging with shifts in their environments. Students will also build their own leadership capacity through self-assessment, reflection, and practice.
Typically offered: Spring Only

HR-6000 Fundamentals of Human Resources Management (3 Credits)
Human Resources management is a dynamic field. In this course, students will be introduced to human resources management in the United States, including an overview the role of human resources within an organization; strategic human resource management; federal employment laws; workforce planning and talent manangement; job analysis and job design; recruiting; selecting, onboarding, and retaining talent; compensation and benefits; training and development; creating a diverse, equitable, and inclusive workplace; and analyzing human resources metrics.
Typically offered: All Sessions

Information Technology (IT)

IT-1001 Computer Tools (3 Credits)
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.
Fulfills General Education Requirement: ITML1
Typically offered: All Sessions

IT-1002 App Design & Development in the Humanities (3 Credits)
This course will introduce students to the fundamental principles of computing and the building blocks of programming, teaching how to write fun and useful apps using the Xcode development environment. Students will use computers to creatively design and develop apps for iOS mobile devices such as iPhones and iPads integrating digital media with app design. The course topics are targeted specifically to enhance and promote humanities research and engagement.
Fulfills General Education Requirement: ITML1
Typically offered: All Sessions

IT-1102 Multimedia Design (3 Credits)
Requisite(s): IT-1001
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 applications including CD-ROM titles, websites, marketing presentations, and interactive kiosks. Among the key software tools explored are, Microsoft Publisher, Microsoft PowerPoint, iMovie, Adobe Photoshop CS5, Adobe Illustrator CS5 And Adobe InDesign CS5. Lab fee.

IT-1103 Computer-Based Information Systems (3 Credits)
Requisite(s): IT-1001
Information technology has radically changed the internal operations of organizations and market places in which they compete. The tool kit of skills of the business professional must include the understanding of the fundamentals of information technology and its impacts on the other areas of business--strategic management, finance, accounting, marketing, and operations. This course is intended to provide the basic set of skills. Although it is necessary to have a technology basis, the focus will be 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. Lab fee.
Typically offered: All Sessions

IT-1104 Programming I (3 Credits)
Requisite(s): IT-1103,MAT-1104 or higher
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, step-wise refinement, and procedural abstraction. Introduction to programming in a structural programming language, basic control structures, data types, and input/output conventions. Lab fee.
Typically offered: All Sessions

IT-1105 Game Programming Using Visual Basic (3 Credits)
Requisite(s): IT-1001
This course is an introduction to game program design and development. Students will use an object-oriented approach to the game program development process involving the following series of steps: find a game idea, identify the audience, identify the game features, determine the look and feel of the game including the interface, create specifications detailing the game rules, create the source code, test the source code, and perform quality assurance. This approach helps students to build multilingual programming and analysis capabilities. Students will use Microsoft Visual Basic to build and execute their game programs. Lab Fee.
Typically offered: Spring Only

IT-1106 Introduction to App Development for Mobile Devices (3 Credits)
Requisite(s): IT-1001
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. Lab fee.
Typically offered: As Needed

IT-2105 Programming II (3 Credits)
Requisite(s): IT-1104
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. Lab fee.
Typically offered: All Sessions

IT-2110 COBOL Programming (3 Credits)
Requisite(s): IT-1001
An introduction to COBOL program design and development. Students will use a structured approach to the program development process involving the following series of steps: identification of the problem, analysis of the problem, identification of the algorithmic patterns, specification of the logical design solution using pseudo code or structure charts, creation of the source code, compilation and testing of the source code, and analysis of program output. This structured approach helps students to build multilingual programming and analysis capabilities. Students will use MicroFocus COBOL software to compile and execute their COBOL programs. Offered in Spring. Lab Fee.
Typically offered: Spring Only

IT-2201 Telecommunications and Networking (3 Credits)
Requisite(s): IT-1103
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. Lab fee.
Typically offered: Fall Only

IT-2220 Robotics (3 Credits)
Requisite(s): IT-1001
The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on mobile robots and illustrations of current state-of-the-art research and applications. Course information will be tied to lab experiments; students will work in teams to build and test increasingly more complex LEGO Mindstorms-based mobile robots. Lab fee.
Typically offered: As Needed

IT-2270 Computer Forensics (3 Credits)
Requisite(s): IT-1103
Computer forensics--the science of obtaining and analyzing evidence from computers--is the name for a newly emerging field of study and practice that incorporates many areas of expertise. Some of these areas have been called network security, intrusion detection, incident response, infrastructure protection, disaster recovery, continuity planning, software engineering, cyber security, and computer crime investigation. Lab fee.

IT-2410 Web Design (3 Credits)
Requisite(s): IT-1102 is a recommended pre-requisite for IT majors.,IT-1102 is not required for COM majors.
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 CS5 with an introduction to CSS, Adobe Fireworks, Adobe Photoshop CS5 and Adobe Flash CS5. Lab fee.
Typically offered: All Sessions

IT-2420 Multimedia Design and Technologies (3 Credits)
Requisite(s): IT-1001
This course develops core concepts and practical skills in multimedia design and production. Practical experience is offered in project planning and development, including design, production, prototyping, testing, and publishing. This course provides effective techniques for preparing graphics, animation, text, digital audio, and video for multimedia applications including CD-ROM titles, Web sites, marketing presentations, and interactive kiosks. Among the key software tools explored are Director, PhotoShop, Illustrator, Premiere, After Effects, Dreamweaver, and Flash. Web design and development issues include Dynamic HTML, Shockwave, streaming video, and video and QuickTime VR. Also examined are systems configuration and hardware requirements of the multi-platform digital production studio. Lab fee.

IT-2430 Computers in Education (3 Credits)
Requisite(s): IT-1001
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 on-line methodologies. Lab fee.
Typically offered: As Needed

IT-2440 Scripting Languages (3 Credits)
Requisite(s): IT-2410
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. Lab fee.
Typically offered: As Needed

IT-2445 Digital Video (3 Credits)
Requisite(s): IT-1102
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.
Typically offered: Spring Only

IT-2450 Digital Imaging (3 Credits)
Requisite(s): IT-1102
This course focuses on the interface, the tools, the features, tricks, and tips FOR DIGITAL imaging utilizing Photoshop CS, 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 CS. Lab fee.
Typically offered: Fall Only

IT-2510 Database Management Systems (3 Credits)
Requisite(s): IT-1103
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. Lab fee.
Typically offered: Fall Only

IT-2520 Advanced Querying and Report Writing (3 Credits)
Requisite(s): IT-2510
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. Lab fee.
Typically offered: Fall Only

IT-2550 Medical Informatics (3 Credits)
Requisite(s): IT-1001
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.
Typically offered: Spring Only

IT-2620 Business Applications (3 Credits)
Requisite(s): IT-1001
The use of computers and business and financial software packages. The course includes familiarization with budgeting, Additional topics deal with advanced techniques in Excel and basics of Visual Basic. Lab fee.
Typically offered: Spring Only

IT-2690 Computer Support Systems (3 Credits)
Requisite(s): IT-1103
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. Lab fee.
Typically offered: As Needed

IT-3101 Information Technology Law and Ethics (3 Credits)
Requisite(s): IT-1103
The overnight entry of companies such as Amazon and Napster into mature and established industries has served as a wake-up call to business leaders everywhere to protect their innovations. Included in these new commercial developments are challenges to the fundamentals of intellectual property law, including patent, trademark, copyright, and trade secret laws. This course provides an understanding of the fundamentals of intellectual property law and how it is being used and adapted by businesses to protect their intellectual capital in cyberspace. Also included are discussions about patenting new methods of doing business; the interplay between domain names and trademarks; cyberspace copyright issues including text and graphical infringement, software, and web-site registration; and the impact of technological developments on trade secret agreements.

IT-3220 Computer and Network Security (3 Credits)
Requisite(s): IT-1103
Students examine the management of information security and data processing facilities including thefts of data, unauthorized uses of information technology, computer viruses, and methods of protecting information with an emphasis on networked computers. The course covers information technology laws, issues of privacy, and security planning. Lab fee.

IT-3240 Linux (3 Credits)
Requisite(s): IT-1103
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. Lab fee.
Typically offered: As Needed

IT-3301 Project Management (3 Credits)
Requisite(s): IT-1001
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. Lab fee.

IT-3310 Systems Analysis and Design (3 Credits)
Requisite(s): IT-2510
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. Lab fee.
Typically offered: Spring Only

IT-3313 Computer Support Systems (3 Credits)
Requisite(s): IT-1103
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. Lab fee.
Typically offered: As Needed

IT-3320 Advanced Management Information Systems (3 Credits)
Requisite(s): IT-1103
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. Lab fee.

IT-3397 Mentored Internship for Project Mgt. (3 Credits)
Requisite(s): IT-3301
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 per 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. Lab Fee.

IT-3400 HTML & CSS for Web Design (3 Credits)
Requisite(s): IT-2410
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.
Typically offered: All Sessions

IT-3410 E-Commerce Integration (3 Credits)
Requisite(s): IT-1001
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 will prepare an e-commerce business plan that will include pro-forma financial statements.
Typically offered: All Sessions

IT-3420 Knowledge Systems and Data Mining (3 Credits)
Requisite(s): IT-2510
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. Lab fee.

IT-3510 Data Structures (3 Credits)
Requisite(s): IT-2105
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. Lab fee.

IT-3520 Advanced Database Management (3 Credits)
Requisite(s): IT-2510
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. Lab fee.

IT-3540 Computer Architecture and Organization (3 Credits)
Requisite(s): IT-2105
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. Lab fee.

IT-3610 Decision Support Systems (3 Credits)
Requisite(s): IT-2510
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. Lab fee.
Typically offered: As Needed

IT-3620 Business Applications (3 Credits)
Requisite(s): IT-1001
The use of computers and business and financial software packages. The course includes familiarization with budgeting, Additional topics deal with advanced techniques in Excel and basics of Visual Basic. Lab fee.

IT-3680 Operating Systems (3 Credits)
Requisite(s): IT-2105
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. Lab fee.
Typically offered: Spring Only

IT-4000 Special Topics: Graphic Design (3 Credits)
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.
Typically offered: As Needed

IT-4001 Spcl Topics: Photoshop Web and Video (3 Credits)
Requisite(s): IT-2420 and IT-2410;
The focus of this course is how to use Adobe Photoshop CS5 to enhance web and video images more effectively. This course is a combination of instructor-led demonstration and hands-on practice. It is ideal for students who want to increase their understanding of Photoshop CS5 and web development. The course will touch upon how to integrate these skills with software such as: Fireworks, Dreamweaver and Flash. Lab fee.
Typically offered: As Needed

IT-4002 Special Topic: Web Site Development With Django (3 Credits)
Requisite(s): IT-1103
This course will help a student develop a web site from scratch using Django. Django is a Python based web site development environment which has been used to fuel sites like the edX platform, Instagram, Pinterest, the Washington Post, the New York Times and NASA. This course is intended for first time web site developers though a basic understanding of web architecture is helpful. Lab fee.
Typically offered: As Needed

IT-4003 Special Topic: Web Project Management Using an Agile Approach (3 Credits)
Requisite(s): IT-1103
This course will introduce agile project management concepts with a focus on web technology projects. We will cover the history of agile development, its roots in Lean manufacturing, and specific methodologies like SCRUM. We will modify to deal with Web site development issues (User Experience design, quality assurance, continuous integration). Prerequisite: IT1103 Lab fee.
Typically offered: As Needed

IT-4004 Special Topic: Programming With Swift Using an Agile Approach (3 Credits)
Requisite(s): IT-1001
This course introduces fundamental structured and object-oriented programming concepts and techniques, using Swift, and is intended for all who plan to use computer programming in their studies and careers. Topics covered include variables, arithmetic operators, control structures, arrays, functions, dynamic memory allocation, files, class usage and class writing. Program design and testing are covered as well as more advanced object-oriented concepts including inheritance. Prerequisite: IT 1001 or equivalent
Typically offered: As Needed

IT-4005 Special Topic: Intro to Adobe Illustrato Using an Agile Approach (3 Credits)
Requisite(s): IT-1102
This course offers a practical overview of Adobe Illustrator's interface, workspace, tools, and techniques. Adobe Illustrator is a powerful tool that allows you to create graphics. You will practice building with shapes, colors, gradients, and lines while integrating good use of typography. Prerequisite: IT 1102
Typically offered: Spring Only

IT-4007 Special Topic: Programming With Python Workshop in Financial Markets (3 Credits)
Requisite(s): IT-1103,Take MAT-1104 or higher
This course introduces programming in a high-level language using Python. The course emphasizes problem-solving and object-oriented programming techniques. Topics include assignment, input/output, selection, looping, scalar and array data structures, string and numeric data and modular development.
Typically offered: Fall and Spring

IT-4010 Special Topics: Visual Basic (3 Credits)
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. Basic computer skills using Microsoft products and basic programming knowledge desired but not required. Lab fee.
Typically offered: As Needed

IT-4015 Special Topics: Java (3 Credits)
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.
Typically offered: As Needed

IT-4016 Topic: Computer Hardware and Software (3 Credits)
Requisite(s): IT-1001
IT-4016: Special Topics in Computer Hardware and Software is designed for Information Technology (IT) students as well as those from other disciplines eager to delve into the intricate world of computer systems. This course offers an exploration of the latest developments and foundational concepts in computer hardware and software, emphasizing the critical interactions between the two. This course is ideal for students looking to deepen their knowledge of IT and those seeking to acquire a greater background in computer systems to enhance their professional skills. Coursework will also cover emerging trends such as virtualization, cloud computing, artificial intelligence and Big Data, and their impact on hardware and software.
Typically offered: As Needed

IT-4020 Special Topics: 3-D Drawing (3 Credits)
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.
Typically offered: As Needed

IT-4030 Special Tpc: After Effect 4-D (3 Credits)
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.
Typically offered: As Needed

IT-4041 Special Topic: Python Programming (3 Credits)
Requisite(s): IT-1103
A gentle introduction to Python using a gaming project as the basis for learning the language. The course is intended for both introductory programming and those with some prior programming experience. Lab fee.
Typically offered: As Needed

IT-4042 Special Topic: Programming for Business Workshop in Financial Markets (3 Credits)
Requisite(s): IT-1103
This course introduces students to the foundations of programming in business. It involves both a theoretical component (e.g. learning about basic programming concepts like loops, arrays and functions) as well as a practical component (e.g. implementing algorithms on a computer). The course also provides the initial steps towards learning the principles of object-oriented design and programming through the use of Python programming language.
Typically offered: Fall Only

IT-4060 Topics: Intro to Prog Using Mathematica (3 Credits)
Requisite(s): Take IT-1001
Mathematica is software used to perform both simple and complicated mathematical calculations which requires no previous knowledge of or training in computer programming. This course is an introduction to Mathematica and will cover such areas as graphing in two and three dimensions in addition to the language of the software itself. Because it can be used for a variety of computational techniques it can be useful for students in mathematics, the sciences, economics, finance, accounting and information technology. Lab fee.
Typically offered: As Needed

IT-4070 Special Topics in It: Project Management For Entrepreneurs (3 Credits)
Requisite(s): IT-1001
Planning, building and growing your own business requires an interdisciplinary skill set. This course will help students to develop the skills they need to see their business plan become a reality using the project management core principles. Communication, risk management, leadership, resource and time management are all part of the applied learning skills that will be taught in this course. Students will actively participate in developing their own project plan to create and develop their own business including how to find funding, develop new products, and developing marketing plans.
Typically offered: As Needed

IT-4110 Special Topics: Advanced Excel (3 Credits)
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.
Typically offered: As Needed

IT-4120 Special Topics: Advanced Photoshop (3 Credits)
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.
Typically offered: As Needed

IT-4130 Spcl Tpcs: Intensive Adobe Illustrator (3 Credits)
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.
Typically offered: Fall Only

IT-4140 Special Topics: Intensive Flash (3 Credits)
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.
Typically offered: As Needed

IT-4150 Sp Tpcs: Intensive Desktop Publishing (3 Credits)
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.
Typically offered: As Needed

IT-4160 Special Topics: Advanced Access (3 Credits)
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.
Typically offered: As Needed

IT-4990 Internship in Information Technology (1-3 Credits)
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.
Typically offered: On Demand

IT-4995 Independent Study in Information Technology (1-3 Credits)
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.
Typically offered: On Demand

IT-4998 Capstone Project (4 Credits)
Requisite(s): Senior standing,IT-2201,IT-3310,IT-3101,ENT-1001
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 operations of that company. Students will be applying the entrepreneurial mindset and explore the commercialization of their project. Students work under the supervision of the course director.
Typically offered: Fall Only

IT-6001 Information Systems for Managers (3 Credits)
Graduate students only. This course will provide an overview of information systems concepts. Students will explore how information systems 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.
Typically offered: All Sessions

IT-6002 Systems Analysis and Design (3 Credits)
Requisite(s): IT-6001
Graduate students only. This course introduces the principles of systems analysis and design. Students explore the fundamental knowledge of how computer systems are analyzed and designed through different methodologies. Many concepts and applications are taught with practical examples. The key topics of this course include fundamentals of systems analysis and design, different phases of analysis and design, analysis requirements, analysis process, design essentials, quality assurance, and implementation. Students will complete practical lab assignments as well as quizzes and research papers.
Typically offered: All Sessions

IT-6003 Computer Networks and Security (3 Credits)
Requisite(s): IT-6001
Graduate students only. This course introduces the principles and applications of computer networks and security. Students explore the fundamental knowledge of computer networks and how cyber security is essential to protect computer networks. Many concepts and applications are taught with practical examples. The key topics of this course include Introduction to Computer Networks, Applications, Link and Physical Layers, Network Layers, Transport Layer, Introduction to Cyber Security, and Cyber Threats and Defenses. Students will complete practical lab assignments as well as quizzes and research papers.
Typically offered: All Sessions

IT-6004 Database Management (3 Credits)
Requisite(s): IT-6001
Graduate students only. This course focuses on the design, implementation, and management of databases. Topics include strategic database planning, entity-relationship modeling, theory of the relational model, data normalization, distributed database processing, and the SQL language. Emphasizes database support for global business operations and explores ethical issues and concerns relating to modern database and data warehousing techniques. Students will complete a number of practical lab assignments as well quizzes and research papers.
Typically offered: All Sessions

IT-6005 Operating Systems (3 Credits)
Requisite(s): IT-6001
Graduate students only. This course will cover topics from the broad field of operating systems, including basic operating system structure, file systems and storage servers, memory management techniques, process scheduling and resource management, threads, distributed and peer-to-peer systems, and security. The courses will examine influential historical systems and important current efforts, extracting lessons both on how to build systems as well as how to evaluate operating systems. Students will complete a number of practical lab assignments as well as quizzes and research papers.
Typically offered: All Sessions

Interdisciplinary Studies (IDS)

IDS-2200 Art & Ecology (3 Credits)
Requisite(s): Take WRI-1000
This course will focus on integrating visual art practice and scientific methods as a means of observing, understanding, interpreting and creatively responding to human driven disturbances and the restoration of nature, focusing on the urban environment and ecologies of New York City. Students will study modern and contemporary works of art responding to ecologies of undisturbed and urban environments. Readings, discussion and lab work will complement visiting speakers, and field trips. We will also consider artistic and scientific mapping of alternate ecologies such as institutional power structures. Students will be visualize their scientific observations and creative responses through drawing, graphing, 2D mixed media, mapping modelling and sculpture. Previous art experience not required.
Fulfills General Education Requirement: NPW, HCE
Typically offered: As Needed

IDS-2205 Biomimicry (3 Credits)
Requisite(s): Take WRI-1100
How can biological processes inspire and improve businesses, communication and community structures? How can biomaterials inspire new design strategies? This course will investigate idea making and problem solving using the principles of biomimicry - a nature-inspired, sustainably-focused design strategy. A study of biological principles and systems will serve as a springboard to create original projects centered on student interests. It is expected that participants will come from different academic backgrounds such as entrepreneurship, fine arts, social science, and communication. In the words of Janine Benyus, author of Biomimicry Is it a design discipline, a branch of science, a problem-solving method, a sustainability ethos, a movement, a stance toward nature, a new way of viewing and valuing biodiversity? Yes, yes, and yes.
Fulfills General Education Requirement: NPW, HCE
Typically offered: As Needed

IDS-4990 Interdisciplinary Studies Internship (1-3 Credits)
Requisite(s): Open to INTERDISCIPLINARY STUDIES majors with Junior or,Senior status.,Department Chair approval required.
The Interdisciplinary Studies internship is an advanced course open to majors with junior or senior standing. Placements depend on the availability of suitable positions and must amount to a minimum of 135 hours per semester. The instructor, along with the site placement supervisor, will guide and evaluate the quality of the work. Internships must relate to at least one of the student's areas of focus or proficiencies within the IDS major and will provide the student with an opportunity to apply knowledge and skills gained through coursework. During an internship, students must maintain a comprehensive daily log or blog of personal work activities and write a final reflection paper demonstrating how the internship relates to concepts introduced by IDS coursework and how it raises new questions for the student about the field/work in question.
Typically offered: As Needed

IDS-4997 Interdisciplinary Studies Capstone Sem I (3 Credits)
Requisite(s): COM-3002
The Senior Capstone Seminar in IDS is a two-semester seminar open to senior IDS majors. The Capstone will build on and expand skills learned in COM 3002 Media and Communication Research Methods. Students will research and produce an interdisciplinary project on an aspect of their chosen areas of focus within the IDS major (for example, Environmental Studies and American Studies or American Studies and Women's & Gender Studies). During the first semester (Part I), students will conduct research. By the end of the first semester, students will write a proposal for a final project.
Typically offered: As Needed

IDS-4998 Interdisciplinary Stu Capstone Sem II (3 Credits)
Requisite(s): COM-3002,IDS-4997
The Senior Capstone Seminar in IDS is a two-semester seminar in which students produce an interdisciplinary project on an aspect of their chosen areas of focus within the IDS major (for example, Environmental Studies and American Studies or American Studies and Women's & Gender Studies). Part II of the Capstone will build on Part I and on skills learned in COM 3002 Media and Communication Research Methods. Part II of the seminar is devoted to writing the final paper or producing the final project and conducting additional research as necessary. Students may write papers or produce other types of projects: short films, photo essays, virtual exhibits, social practice art projects, digital mapping or storytelling projects, NGO proposals, business plans, etc. All projects regardless of media must oral, written, & digital components.
Typically offered: As Needed

Italian (ITA)

ITA-1101 Beginning Year Italian I (3 Credits)
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 will be granted for the course to any student who is fluent in the language or who has had more than two years of high school Italian.

ITA-1102 Beginning Year Italian II (3 Credits)
Requisite(s): ITA-1101
Continuation of ITA 1101.
Typically offered: Spring Only

ITA-1300 Mafia in Fiction & History (3 Credits)
Through analysis of historical, anthropological, literary, political, and cinematic materials, this course investigates how Italian Organized Crime has been portrayed in Italian and American Films from the early 20th century to the present, in contrast to its historical and political reality. The glamorized representation of the Italian mafia in Hollywood has had a significant impact on how the American public views it. The fiction concerning the mafia, including stereotypes, myths, and legends, will be critically investigated through the analysis of historical texts, articles in scholarly journals in anthropology and political science, autobiography, poetry, photography, and some of the most significant American and Italian films and novels depicting mafia subculture.
Fulfills General Education Requirement: WHG

ITA-2001 Italian Film: From Neorealism to Contemporary (3 Credits)
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 Crialese. Some Italian literature will also be presented.

ITA-2103 Second Year Italian I (3 Credits)
Requisite(s): ITA-1102
The development of elementary audio-lingual skills and their further development; emphasis on developing reading skills. Students must have three years of high school Italian or ITA-102 before taking this course.
Typically offered: Fall Only

ITA-2104 Second Year Italian II (3 Credits)
Requisite(s): ITA-2103
Continuation of ITA-2103.
Typically offered: Spring Only

ITA-3201 Reading in Italian Literature & Culture (3 Credits)
Requisite(s): ITA-2104
Reading and discussion of major authors of Italian literature and on topics related to Italian culture.
Typically offered: Spring Only

ITA-4995 Independent Study in Italian (1-3 Credits)
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.
Typically offered: On Demand

Literature, Writing & Publishing (LWP)

LWP-1000 Introduction to Digital Humanities (3 Credits)
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. Meets ITML1.
Fulfills General Education Requirement: ITML1
Typically offered: All Sessions

LWP-1101 Literature Across Cultures (3 Credits)
This course introduces students to a diverse range of literary works from around the world. As students make their way through selected texts and genres, they will gain insight into a variety of social and cultural issues and participate in vibrant cross-cultural dialogues. Ultimately, students will leave the course better prepared to navigate and interact with multiple identities and communities as citizens of the world.
Fulfills General Education Requirement: HCE
Typically offered: All Sessions

LWP-2000 Walt Whitman's America (3 Credits)
Requisite(s): WRI-1100,Optional: AMS-1001 if pursuing American Studies minor
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 poetics through interdisciplinary study. Interdisciplinary topics will include history, psychology, politics, art, music, science, philosophy, and theology. The class will listen to musical settings of Whitman's poetry and watch staged adaptations of his poems. We will discuss his love of opera and popular culture, his work as a journalist and novelist, his political activism and egalitarianism, and his revolutionary attitudes towards 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, and students will be given the opportunity to do archival research through a partnership with the Brooklyn Historical Society.
Fulfills General Education Requirement: HCE, WHG
Typically offered: Spring Only

LWP-2001 Introduction to Digital Publishing (3 Credits)
Requisite(s): WRI-1100,LWP-1000
This course provides students with the necessary theories, methods, and tools to navigate the digital publishing industry. To prepare students for cutting-edge writing and publishing jobs, the course includes hands-on experience in helping to run Unbound Brooklyn, the literary journal of the St. Francis College MFA program in Writing.
Typically offered: All Sessions

LWP-2100 Writing and Publishing (3 Credits)
Requisite(s): WRI-1100
This course is designed to demystify the world of publishing and the life of the working writer through a series of readings and visiting professionals. Each visitor will speak to a different aspect of the publishing world, providing a survey of the profession. The focus will be paid to the intersection of creativity and commerce, where writers, editors, and publishers share their experiences finding an audience for the written word. Students will work on their own creative projects with specific assignments geared toward understanding those projects in view of finding an audience. Students will learn the processes of both the initial creative work and the editorial and critical review that goes into publishing. Students will practice thinking as both creatives and as publishing professionals, including pitching, editing, marketing, and discovering audiences. Prerequisite: WRI 1100. 3 Credits
Typically offered: Spring Only

LWP-2104 Story in the Digital Age (3 Credits)
Requisite(s): Take WRI-1100;
In this course students will explore the various ways stories are told in the digital age across a range of media and will also learn how to make their own digital stories.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2105 Exploring American Literature (3 Credits)
Requisite(s): Take WRI-1100;,One LWP 1000-level Course
Survey of major authors, periods, genres, and themes in American literature from the narratives of the colonial period to the novels and poetry of the modernist period.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2106 Exploring British Literature (3 Credits)
Requisite(s): Take WRI-1100;
Survey of major authors, periods, genres, and themes in British literature from the epic Beowulf up to a novel in the Modern period.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2107 Exploring World Literature (3 Credits)
Requisite(s): Take WRI-1100;,One LWP 1000-level Course
Survey of Modernist, Contemporary, and post-Modernist periods of World Literature, including the study of novels, stories, poetry, theatre, and essays by authors from Asia, Africa, the Middle East, Latin America, and Europe.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2108 Latinx Literature (3 Credits)
Requisite(s): Take WRI-1100;,One LWP 1000-level Course
This course introduces students to the literatures of Latinx writers in the United States. Specifically, the course will focus on four major Latinx communities: Mexican American, Puerto Rican, Dominican American, and Cuban American. Students will also be introduced to the multiple genres of Latinx creative works, including poetry, fiction, film, essays, and memoirs.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2109 African Diaspora in Caribbean/US Lit (3 Credits)
Requisite(s): Take WRI-1100;
This course introduces students to the literatures of the African diaspora in the Caribbean and the United States. Specifically, the course will focus on major literary periods and themes in African American and Afro-Caribbean literature such as slave narratives, the Harlem Renaissance, protest literature, literature of the Civil Rights movement, Afrofuturism, anticolonialism and postcolonialism, the politics of language, transnationalism, migration and immigrant narratives. Students will also be introduced to multiple genres of creative works, including poetry, fiction, film, essays, and memoirs.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2125 Immigrant Literature (3 Credits)
This course will explore the immigrant experience of Jews, Irish, Italians, and other groups in 19th- and 20th-centuries. American readings in literature, history, and other non-fiction is read in the context of ongoing discussions about the construction of the notion of America; what it means to become American, including the influences of class and gender; and constructions of identity.
Fulfills General Education Requirement: HCE, SEH
Typically offered: Fall Only

LWP-2130 King Arthur: Then and Now (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
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.
Typically offered: Fall Only

LWP-2135 Myth of Prosperity: Class in American Literature and Culture (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
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.
Typically offered: Spring Only

LWP-2140 Greek and Roman Epic (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101
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.

LWP-2141 Greek Drama (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101
This course offers an introduction to ancient Greek drama with a specific focus on selected plays from the works of the tragedians Aeschylus, Sophocles and Euripides as well as a representative work of the comic playwright Aristophanes. Students will explore the historical and cultural context of Greek drama and its role in ancient Greek society. Topics explored include the origins of dramatic art forms, ancient performance practices, religion and drama, Greek dramatic festivals and the significance of theater within Athenian democracy.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2150 Constructing Gender in American Literature & Culture (3 Credits)
This course explores how male and female identity is constructed and represented in a wide variety of American texts. We will explore the changing ideals of manhood and femininity in an attempt to uncover how these texts present both acceptable and marginalized gender roles.
Fulfills General Education Requirement: HCE
Typically offered: Spring Only

LWP-2175 Native People and Explorers (3 Credits)
Early diaries will be read as performing the cultural work of constructing indigenous peoples for domestic audiences; as windows into the ideologies of dominant cultures; and as part of a dialectic with indigenous peoples. Diaries of explorers, missionaries, travelers. Readings may include the writings of Native Americans, Hawaiians, Maori, Aborigines, and diaries of Capt. Cook, Columbus, and Lewis and Clark.
Typically offered: Fall Only

LWP-2200 Writing Poetry (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
Students will learn the art and craft of writing poetry in a workshop environment. They may read from published poetry and criticism. And will be encouraged to develop their own poetry writing skills and understanding. The workshop process includes having student's work discussed and critiqued by the instructor and by fellow writers. Class participation is essential.

LWP-2220 War and Writing in American Letters (3 Credits)
Requisite(s): WRI-1100 or HON-5101;
This course surveys war literature from the colonial battles of King Philip's War to recent conflicts, such as Vietnam. Special attention will be paid to the writings of the Civil War in shaping the American Identity.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2310 Epic: Poetry, Film, and Fiction (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101
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, Death in Venice, Eugenie Grandet, Notes from the Underground.
Typically offered: Fall Only

LWP-2400 Writing Fiction (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
Students will learn the art and craft of writing fiction in a workshop environment. Participants will read from master writers; they will write original pieces and revise them. The workshop process includes having student work discussed and critiqued by the instructor and by fellow students. Class participation is essential.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2410 Advanced Fiction Writing (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
Students develop the art and craft of writing fiction in a workshop environment. The primary objective of the course is for students to write and revise original works of fiction. The workshop process includes having student work discussed and critiqued by the instructor and by fellow writers, so class participation is essential. At the end of the semester students will have produced and will read publicly from a portfolio of their best work. In addition, reading and writing about selected short fiction (contemporary and not, American and not) and in-class and out-of-class writing exercises are an essential component of the course.
Typically offered: Fall Only

LWP-2555 America in the 1940S (3 Credits)
Requisite(s): WRI-1100 or HON-5101;,AMS-1001 for students pursing American Studies minor.
The 1940s was a unique decade in American history. Dominated by Americas entry into World War II, the 1940s were also a boom time for American creativity in the arts and sciences. During these ten years, the country saw the emergence of the American musical on Broadway, while at the movie theaters Americans watched Westerns and, later in the decade, the stylistic films noir. The first successful use of penicillin came in the 1940s, along with the launch of commercial television stations, and the shocking arrival of Abstract Expressionism. Americans listened to Big Band music, radio comedies and dramas, and Edward R. Murrows broadcasts from London during the Blitz. American Letters saw the publication of John Crowe Ransoms The New Criticism, the use of traditional forms in the work of poets such as Robert Lowell, the coming of American realism in fiction, and the staging of the stark plays of Eugene ONeill. Using an interdisciplinary approach, this course will examine a number of American works (novels, poems, radio broadcasts, films, Broadway cast recordings) to help students come to an understand of the singular nature of the American experience in the 1940s.
Fulfills General Education Requirement: HCE
Typically offered: As Needed

LWP-2570 Contemporary American Literature (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
Undeniably, we live 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.
Typically offered: Fall Only

LWP-2580 Readings in American Literature: 1950-2001 (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
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.
Typically offered: Fall Only

LWP-2590 Literature of New York City (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
No other city in America (or perhaps the world) has fired the literary imagination more than New York. We will look at the incredible diversity of this literature, from immigrant narratives and migration tales to essays, comic strips, and short stories. We will 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?
Typically offered: Fall Only

LWP-2600 American Poetry (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
Arguably, modern American poetry stems from two mid-19th-century master poets: Emily Dickinson and Walt Whitman. This course closely analyzes the canon of both poets and may also provide an overview of subsequent poets influenced by the lady from Amherst and grey man from Camden.
Typically offered: Spring Only

LWP-2602 Topics: Classical Mythology (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101
Classical Mythology is a literature course that surveys the evolution of 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. 3 credits.

LWP-2603 Topics: Literature and Photography (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101
This course explores literature and photography as ways of seeing the world, and as artistic and evidentiary ways for human beings to represent the world around them and to express themselves. Photography and literature are examined as companion forms in artistic movements such as realism, expressionism, and modernism. We will also develop and explore our own photographic eye. During spring break 2013, we are planning to go on a trip to Cuba along with St. Francis students from sociology, Spanish, and creative writing. The trip is optional.
Fulfills General Education Requirement: HCE

LWP-2605 Topic: Spoken Word Poetry (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101
This course will explore spoken word as a literary and performance movement by examining historical and contemporary eras of the genre. It will also facilitate the beginning of a journey for participants to craft writing skills and share dynamic work with various audiences. Over the semester, be prepared for writing prompts, editing sessions, readings, screenings, and guest speakers.

LWP-2606 Topic: Telling Our Stories Theory and Practice of Autobiographical (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
In this course, we will experiment with autobiographical writing exercises of our own as we read, listen to and view works of autobiographical writing-from memoir and autobiographical fiction to graphic memoir, podcasts and stand-up comedy. Students will become familiar with critical concepts, terms and approaches used to analyze life narratives, and with debates relating to authenticity, identity, truth, memory, culture and self-representation.

LWP-2610 Chaucer (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
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.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-2620 Shakespeare (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
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.
Fulfills General Education Requirement: HCE
Typically offered: Spring Only

LWP-2630 Milton (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
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.
Fulfills General Education Requirement: HCE, PEM
Typically offered: Spring Only

LWP-2700 Drama Survey I (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
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, Lysistrata, The Second Shepherd's Play, Volpone, School for Scandal, and Faust. Students will attend at least one live performance.
Typically offered: Spring Only

LWP-2730 Drama Survey II (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
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 Arcadia. Students will attend at least one live performance.
Typically offered: Spring Only

LWP-2810 American Multicultural Literature (3 Credits)
This course looks at the long neglected fields of Native American, African-American, Asian-American, and Hispanic-/Latino-American literature. Possible authors include: Momaday, Morrison, Lahiri, Silko, Erdrich, Anaya, Cisneros, Alexie, Hijuelos, Kingston, Tan, Ng, and Kogawa.
Typically offered: Spring Only

LWP-2815 Sports and American Culture (3 Credits)
Requisite(s): Any Literature course (AML,BRL,DRA,ENG,LIT) 2000 or higher
This course takes an interdisciplinary look at American sports writing and film as cultural expression. Possible focuses include but are not limited to: baseball, football, basketball, and the Olympic Games.
Typically offered: Spring Only

LWP-2851 Special Topic: Dystopian Literature (3 Credits)
Requisite(s): Any Literature Course(AML, BRL, DRA or LIT)numbered 2000 or,higher
This course will examine the literary tradition of stories set in a speculative universe. Dystopian novels create worlds that revolve around a set of principles that enlighten and heighten social, scientific, technological, political, personal or psychological conditions. We will discuss the interplay between major authors, scientific and sociological foresight, and how our world today has been influenced by ideas from speculative fiction. Works may include: Labyrinths, Jorge Louis Borges Neuromancer, William Gibson A Canticle for Liebowitz, Walter M. Miller JR Parable of the Sower, Octavia Butler Snow Crash, Neal Stephenson Do Androids Dream of Electric Sheep, Philip K Dick The Night of the Long Knives, Fritz Leiber Ender's Game, Orson Scott Card The Watchman, Alan Moore and Dave Gibbons
Typically offered: As Needed

LWP-2901 Special Topic: Multigenre Creative Writing (3 Credits)
Requisite(s): WRI-1100
Students will read and create original works in a range of creative genres, including fiction, poetry, performance poetry, creative nonfiction, drama, comics, journalism, film, graphic design, and multimedia.
Typically offered: As Needed

LWP-3010 Critical Writing and Analysis (3 Credits)
Requisite(s): WRI-1100
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.
Typically offered: As Needed

LWP-3110 Women and Modernism Women and Modernism (3 Credits)
Requisite(s): Any Literature course (AML,BRL,DRA,ENG,LIT) 2000 or higher
Some of the most highly praised and canonized women authors emerged during the modernist period. This course investigates their literature and think about why this is such a fruitful literary period for them. While the authors in this course write from different traditions and disparate positions, they are also responding to common events and ideologies. Authors could include Gertrude Stein, Amy Lowell, Carson McCullers, Nella Larson, Zora Neale Hurston, Virginia Wolfe, Stevie Smith, Jean Rhys, and Djuna Barnes among others.
Typically offered: Fall Only

LWP-3111 Modernity and Truth (3 Credits)
Requisite(s): Any Literature (AML, BRL, DRA, ENG or LIT) course 2000 or,higher
Modernism consists of experimental literature of the late nineteenth and early twentieth centuries. In some ways, the literature was experimental in style. More often, however, literary themes became more open and daring, ranging from subjects and themes dealing with evolution, the horror of war, women's issues, sexuality, the fragmentation of identity, or the politics of colonialism. While emphasis might fall on literature in English, this course is international in scope.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

LWP-3112 American Modernism (3 Credits)
Requisite(s): Any AML, BRL, DRA, ENG or LIT course 2000 or higher
This course will chart 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.
Typically offered: Fall Only

LWP-3113 Postmodernism (3 Credits)
Requisite(s): Any Literature course (AML,BRL,DRA,ENG,LIT) 2000 or higher
Postmodernism is the term used to describe art and literature since mid-20th century, a period showing the effects of totalitarian states, the threat of nuclear and thermal annihilation, environmental catastrophe, globalization of industry and culture, and the digitalization of communication. This course offers an introduction to ideas surrounding postmodernism by looking at some of the work of John Updike, Paul Auster, and other writers or artists routinely identified as postmodernist.
Typically offered: Spring Only

LWP-3130 Crime, Justice, and American Fiction (3 Credits)
Requisite(s): Any Literature (AML, BRL, DRA, ENG or LIT) course 2000 or,higher,AMS-1001 for students pursuing AMS minor
Cross-listed with: SOC-3130. 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.
Typically offered: As Needed

LWP-3140 British Romanticism (3 Credits)
Requisite(s): Any Literature course (AML,BRL,DRA,ENG, LIT)2000 or higher
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 Rubaiyat of Omar Khayyam_). Readings could also include prose by William Hazlitt, Thomas DeQuincey, and Mary Wollstonecraft Shelley (_Frankenstein_).
Typically offered: Spring Only

LWP-3145 Hawthorne, Melville, Poe (3 Credits)
Requisite(s): Any Literature course (AML,BRL,DRA,ENG,LIT) 2000 or higher
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.
Typically offered: Spring Only

LWP-3150 Hemingway, Fitzgerald & Stein (3 Credits)
Requisite(s): Any Literature course (AML,BRL,DRA,ENG,LIT) 2000 or higher
Hemingway's The Sun Also Rises, Stein's The Autobiography of Alice B. Toklas, and Fitzgerald's The Great Gatsby are a core of readings for this course which will turn to the influence these writers have on 20th-century literature and thought. Other selections of representative poetry, fiction, and prose will be included.
Typically offered: Spring Only

LWP-3155 Victorian Literature (3 Credits)
Requisite(s): Take 1 courses;, From Levels AMLA AMLC BRLA BRLC LITA HON;
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 prevails.
Typically offered: Spring Only

LWP-3230 Postcolonial British Literature (3 Credits)
Requisite(s): Any Literature course (AML,BRL,DRA,ENG,LIT) 2000 or higher
This course will explore the literatures and cultures that arose as a result of English colonial domination. The postcolonial issues of hybridity, unhomedness, indigenous essentialism, contestedness of the English language, among others, will be explored. Literature and theoretical readings may include works by Naipaul, Hulme, Mukherjee, Ondaatje, Achebe, Friel, Rushdie, Bhabha, Said.
Typically offered: Fall Only

LWP-3315 From Detective Fiction to Romance Novels: Studies in Genre (3 Credits)
Requisite(s): Any AML, BRL, DRA, LIT or LWP course 2000 or higher
This course will examine significant works of genre literature through the lens of literary theory. By reading, analyzing and writing about genres such as detective fiction, horror stories, and romance novels, students will come to an understanding of the complex nexus in which theory and literature meet. In the course of their semester of inquiry, students will find that the very genres they are studying are expanded, explicated, and even problematized through the application of literary theories.
Typically offered: Fall Only

LWP-3503 The Comic Vision (3 Credits)
Requisite(s): Any Literature Course (AML, BRL, DRA, ENG, LIT) 2000 or,higher
This course will examine the nature of comedy, including its relation to the normative values of the society that produces it. Plays and theoretical writings from classical to contemporary times will be read. The class will attend a live performance.
Typically offered: Fall Only

LWP-3504 American Drama (3 Credits)
Requisite(s): Any AML, BRL, DRA, or LIT course 2000 or higher
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.
Typically offered: Spring Only

LWP-3507 Topic: Literature of the American Civil Rights Movement (3 Credits)
Requisite(s): Any Literature Course (AML, BRL, DRA, ENG or LIT)2000 or,higher.
July 2, 2014 marks the 50th anniversary of the signing of the Civil Rights Act of 1964. This legislation was the culmination of many decades of difficult, often dangerous, work by both civil rights leaders and ordinary Americans who believed that all people were created equal and should enjoy equal protection under the law. This course examines the American civil rights movement through its literature: speeches, editorials, novels, poems, short stores, music and film. Students will trace the course of the modern battle for civil rights from its roots in the abolitionists of the 1800s through A. Philip Randolph and his March on Washington Movement of 1941 to the signing of the Civil Rights Act of 1964 and beyond.

LWP-3601 Special Topic: Hitchcock (3 Credits)
Requisite(s): Any Literature course (ENG, AML, BRL, DRA, LIT) numbered,2000 or higher.
This course will examine the stories and novels upon which many of Alfred Hitchcock's films are based, as well as some of the films themselves. Hitchcock transformed these literary works into unparalleled film masterpieces of mystery and suspense, giving students the opportunity to analyze the process of adaptation from page to screen. In this course we will view such classic films as 39 Steps, Rope, Rear Window, North by Northwest, The Man Who Knew Too Much, Vertigo, Psycho, The Birds and others.
Typically offered: Spring Only

LWP-3602 Special Topic: Murder and Mayhem (3 Credits)
Requisite(s): Any AML, BRL, DRA, ENG or LIT course 2000 or higher
This course will explore the American obsession with murder and mayhem, the killer, the psycho in the American Psyche. From the Indian wars to the opening of the west, the mutual mass murder of the Civil War and its aftermath, from the growth of cities, the immigrant experience, racial inequality and urban blight, through depression and world war, the atomic age and beyond, violence, murder, mayhem, both organized and chaotic, individual and collective, has been part of the American imagination. Through the works of such writers as Poe, Hammett, Flannery O'Connor, Richard Wright, Brett Easton Ellis, Stephen King, as well as such filmmakers as Alfred Hitchcock and David Lynch, the course will examine the dark side of the American Dream, both real and imagined.
Typically offered: Spring Only

LWP-3603 Topic: Brooklyn: Film & Fiction (3 Credits)
Requisite(s): Any Literature (AML, BRL, DRA, ENG or LIT) course numbered,2000 or higher
The course will provide a way of looking at urban literature as a momentary connection to the sensible and the intelligible world around us. Brooklyn is that world. As an introduction to literary themes in fiction, poetry, and film within the frame of Brooklyn, we will look into themes or motifs of works by authors and poets such as Bernard Malamud, Jonathan Lethem, Charles Perry, Colson Whitehead, Walt Whitman, Paul Auster, and David Amsden.
Typically offered: As Needed

LWP-3608 Special Topic: American Women Writers Rights Movement (3 Credits)
Requisite(s): Any Literature course (AML, BRL, DRA, ENG or LIT) 2000 or,higher.
This 3000-level course would look at American women's writing from 1880-the present. We will primarily read fiction and short stories. Topics would include: Race, Sexuality, Women's Rights, Immigration, and Class. Literary time periods and women's output would also be addressed, looking specifically at Realism, Modernism and Post-Modern writing. Authors would include: Edith Wharton, Willa Cather, Charlotte Perkins Gillman, Gertrude Stein, Zora Neale Hurston, Flannery O'Conner, Tillie Olsen, Toni Cade Bambara, Toni Morrison, and Sandra Cisneros.

LWP-3611 Topic: the Wire As Great American Novel (3 Credits)
Requisite(s): Any Literature course (AML, BRL, DRA, ENG or LIT) 2000 or,higher
This course will explore a range of historical, cultural, social, political, and literary issues at play in The Wire.
Typically offered: As Needed

LWP-3652 Topic: the Double Or Doppelganger in Lit (3 Credits)
Requisite(s): Any Literature course (AML, BRL, DRA, ENG or LIT) 2000 or,higher
The doppelg?nger, German for double walker, can be described as one's alter ego, that mirror image that reveals our darker, hidden selves. This course will explore the doppelg?nger in literature in such works as Mary Shelley's Frankenstein, Robert Louis Stevenson's Dr. Jekyll and Mr. Hyde, EA Poe's William Wilson, and Oscar Wilde's The Portrait of Dorian Gray.
Typically offered: As Needed

LWP-3653 Topic: Environmental Writers (3 Credits)
Requisite(s): Any Literature course (AML, BRL, DRA, ENG or LIT) 2000 or,higher
The aim of the course is to have students read environmentally oriented non-fiction texts by scientists or social scientists. Principally, the purpose is to engage students in a look at environmental concerns across the recent past by reading and discussing books by Carl Sagan, Kirkpatrick Sale, Rachel Carson, James Lovelock, E.O. Wilson, and Bill McKibben.
Typically offered: As Needed

LWP-3656 Topic: Psychological Thriller (3 Credits)
Requisite(s): Any Literature course (AML, BRL, DRA, ENG or LIT) 2000 or,higher
Nothing has inspired more fear and terror in fiction and film than stories of the human mind gone wrong. This course will explore - in such works as The Fall of the House of Usher, The Shining, Psycho, Vertigo, Silence of the Lambs, and others - the terrifying consequences that result when that fine line between fantasy and reality, between sanity and madness, ultimately disappears.
Typically offered: As Needed

LWP-3657 Topic: Contemporary Playwrights (3 Credits)
Requisite(s): Any Literature course (AML, BRL, DRA, ENG or LIT) 2000 or,higher
This course will examine contemporary trends in drama and theatre practice via readings and performance of works by playwrights such as Lauren Yee, Dominique Morisseau, Katori Hall, David Henry Hwang, Anna Deveare Smith, Suzan-Lori Parks. Attendance at one or more live performances will be a required part of this course.

LWP-3658 Stanley Kubrick: Literature and Film (3 Credits)
Requisite(s): Any Literature course (AML, BRL, DRA, ENG or LIT) 2000 or,higher
Literature and Film of Stanley Kubrick This course will examine how stories and novels by writers such as Nabokov, Burgess, Thackeray and Stephen King-inspired many of the great films of director Stanley Kubrick-known for their dark humor and realism-such as Lolita, Dr. Strangelove, 2001: A Space Odyssey, Clockwork Orange, Barry Lyndon, Paths of Glory , The Shining and others.
Typically offered: As Needed

LWP-3750 Women Playwrights (3 Credits)
Requisite(s): One Literature course (ENG, AML, BRL, DRA, LIT) 2000,or higher
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.
Typically offered: Spring Only

LWP-3810 Major Author: James Baldwin Rights Movement (3 Credits)
Requisite(s): One Literature course (AML, BRL, DRA, ENG or LIT) 2000 or,higher.
This course will focus on the fiction and essays of James Baldwin as a means toward understanding the ongoing civil rights movement and other contemporary issues concerning identity and culture.

LWP-3811 Harlem Renaissance and Beyond Rights Movement (3 Credits)
Requisite(s): One Literature course (AML, BRL, DRA, ENG, LWP or LIT) 2000,or higher.
This course will begin by looking at the works of the major authors of the Harlem Renaissance, including Langston Hughes, Zora Neale Hurston, Richard Wright, Nella Larsen, and Claude McKay. Then, during the second half of the semester, we will look at their lasting impact on Black writers in the United States during the second half of the 20th century, including works by James Baldwin, Alice Walker, Tony Morrison and Ta-Nehisi Coates.
Typically offered: Fall Only

LWP-4001 Topic: Holy War and Jihad (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
Special topics course

LWP-4003 Seminar: Dante (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
The general aim of this seminar is to study Dante's major work: The Commedia. The complexity of the poem in its canticles: Inferno, Purgatorio, and Paradiso and its beauty, require careful and regular reading of the text along with a consideration of some major commentaries. Pope Paul IV, also a Dante scholar, at the end of the Vatican Council, in solemn ceremony in the Baptistry in Florence, had Dante Alighieri declare the Poet Laureate of Christendom. The seminar will look to understand why.

LWP-4006 Willa Cather & the Politics of the Canon in Literature (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
Willa Cather is considered by many to be one of America's best writers. She has a huge, dedicated following and the scholarship on Cather is immense. But she has never fit very easily into the accepted American literary canon. Part of this has to do with questions of literary genre: Is she a realist? A modernist? A regionalist? She also brings up many interesting debates around the place of biography when reading and analyzing literature. For example, what role does her sexuality play in understanding her fiction? Was she a lesbian? Does it matter? Does her gender and her sexuality have anything to do with her uneasy place in the literary canon? We will read Cather's fiction and a few of her short stories. We will also read sections of two famous biographies on Cather as well as scholarly articles on her fiction, her life and the politics of reading itself
Typically offered: As Needed

LWP-4007 Seminar: Character and Consciousness in Literature (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
The Character and Consciousness English seminar offers a short survey of British novels from George Eliot (Middlemarch), Thomas Hardy (Tess of the D'Urbervilles), E.M. Forster (Where Angels Fear to Tread and A Passage to India), and D.H. Lawrence (The Rainbow). The novels are part of the literature of transition from late Victorian to early modern, and the focus of class conversation will deal with character, ethical behavior, and the question of self.
Typically offered: As Needed

LWP-4021 Sem: American Playwrights (3 Credits)
Requisite(s): Any 5 courses Literature courses (AML, BRL, DRA, ENG or LIT)
This seminar will focus on the works of Anna Deavere Smith and Moises Kaufman, whose groundbreaking plays have established the genre of documentary theatre plays created through extensive interviews with real people. What new sensibilities, insights, and techniques arise from such a process? What do we learn about our American character and identities? Among the plays to be read are Let Me Down Easy, Fires in the Mirror, Seven, The Laramie Project, and Gross Indecency: The Three Trials of Oscar Wilde.
Typically offered: As Needed

LWP-4024 Seminar: Melville (3 Credits)
Requisite(s): Any 5 courses Literature courses (AML, BRL, DRA, ENG or LIT)
This seminar will explore the major fiction of Herman Melville. Possible topics include race, class, gender, sexuality, colonialism, epic, and ecology. We will also explore the ethical, moral, and political issues addressed in Melville's work. A large section of the course will be devoted to Melville's epic 1851 novel, Moby-Dick. Other works to be explored include: Typee,Bartleby-The Scrivener, Benito Cereno, The Paradise of Bachelors and the Tartarus of Maids, The Encantadas, and Billy Budd.
Typically offered: As Needed

LWP-4029 Seminar: Theatre of Social Issues (3 Credits)
Requisite(s): Any 5 courses Literature courses (AML, BRL, DRA, ENG or LIT)
This seminar will focus on the works of Anna Deavere Smith, Moises Kaufman, Jessica Blank, and other playwrights whose groundbreaking plays have established the genre of documentary theatre-plays created through extensive interviews with real people. What new sensibilities, insights, and techniques arise from such a process? Among the plays to be read are Let Me Down Easy, Fires in the Mirror, Seven, The Laramie Project, Gross Indecency: The Three Trials of Oscar Wilde, and The Exonerated.
Typically offered: As Needed

LWP-4030 Seminar: The Poet Bob Dylan (3 Credits)
Requisite(s): Any 5 courses Literature courses (AML, BRL, DRA, ENG or LIT)
This seminar will explore the life, times, and work of the great American singer-songwriter, poet, and American icon Bob Dylan. Topics include: his musical (and literary) influences and influence; connections between his work and the social, political, cultural, and historical events and movements of the last half of the twentieth and early part of the twenty-first centuries; the nature of individual and collective identities.
Typically offered: As Needed

LWP-4031 Epic Fantasy Series (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
In this seminar students will examine the modern epic fantasy series, and their historical, mythological and contemporary influences. Series such as A Song of Ice and Fire by George RR Martin, Lord of the Rings by JRR Tolkien, Harry Potter by JK Rowling, The Wheel of Time by Robert Jordan, and The Earthsea Chronicles by Ursula K le Guin offer intricate cycles of hero stories. Using the scholar Joseph Campbell's work to decode mythic themes, the seminar will explore the authors' relationships with one another, the progression of sequence from one book or episode to the next, and the role of modern fantasy as a portal to the historical and mythic traditions of epic tales.
Typically offered: As Needed

LWP-4032 British Women Novelists (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
The focus and emphasis of this course will fall on the character, consciousness and literary work of women writers in Britain. What does it mean to be a woman in a class-conscious society? What rights and privileges, if any, did women have at the end of the eighteenth century, during the nineteenth century, and at the beginning of the twentieth century in England? What types of domestic, social, and other constraints were imposed on women? What opportunities for love or work did women have? What choices did women have in terms of marriage and education? In addition to the seminal work about women's rights by Mary Wollstonecraft in the eighteenth century, how is it that a man, John S. Mill, comes to write The Subjection of Women (1869), rumored to have been written, and no doubt heavily influenced, by his wife Harriet Taylor Mill. In this way the course will consider the minds, manner, morals, and lives of women in England from the late eighteenth century up into the early twentieth century. Students will be encouraged to consider and discuss both sexuality and gender. Course content might vary, but authors covered may include: Mary Wollstonecraft (A Vindication of the Rights of Women), Jane Austen (Pride and Prejudice and Persuasion), Charlotte Bronte (Jane Eyre), Elizabeth Gaskell (Mary Barton or North and South), George Eliot (The Mill on the Floss), and Virginia Woolf (Mrs. Dalloway and A Room of One's Own).
Typically offered: As Needed

LWP-4033 The Vietnam War in Literature and Film (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
This seminar will examine a variety of artistic responses--memoirs, novels, shorts stories, poems, and films--to the Vietnam War.
Typically offered: As Needed

LWP-4034 Ray Bradbury: Storyteller (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
Ray Bradbury is one of the great American storytellers. This seminar takes an in-depth approach to Bradbury's work through an examination of some of his most-famous stories and novels.
Typically offered: As Needed

LWP-4035 The Anti-Hero in American Literature (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
This course explores the ant-hero, the rebel, who has so completely captured the American imagination in literature and film. This is the outsider, the outcast, who struggles against the dark side of the American dream--its social inequality and moral bankruptcy, its political corruption, its economic greed and exclusion. This struggle, both internal and external, sometimes triumphant, sometimes fatal, will be illuminated in the works of Melville, Twain, Eliot, Hemingway, Anderson, Faulkner, Steinbeck, West, Ellison, O'Connor, Ginsberg, Ferlinghetti, Bradbury, and others.
Typically offered: As Needed

LWP-4036 What Does It Mean to Be a Citizen? (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
This seminar will focus on answering the question What Does It Mean to Be a Citizen? In addition to selected fiction and film, texts will include Claudia Rankine's Citizen: An American Lyric, essays of James Baldwin, selections from Walt Whitman's Leaves of Grass, and a range of interdisciplinary readings that address issues at play in our current social fabric related to, among other things, the following: individual and collective identities; protest, power, and privilege; rhetoric, truth, and artistic expression.
Typically offered: As Needed

LWP-4037 Sem: Who Are You? Identity & Literature (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
In this seminar students will discuss questions and concepts of identity as they are explored in literary and autobiographical works, and as they are studied and defined in disciplines such as social psychology, sociology, and law.
Typically offered: As Needed

LWP-4038 Seminar: World Indigenous Literatures (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
This seminar is an exploration of works by indigenous authors from cultures including Native American, Hawai'ian, New Zealand Maori, among others.
Typically offered: As Needed

LWP-4039 Identity in Literature and Culture (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
This course examines Vietnam as a war that changed America, and as a resilient people and culture, both contemporary Vietnamese and Vietnamese-American. Vietnamese, American, and Vietnamese-American works of literature, non-fiction, photography, news media, and film will be the subject of our study.
Typically offered: As Needed

LWP-4040 Topic: the Dark Side of Humor (3 Credits)
Requisite(s): Any 5 Literature courses (AML,BRL,DRA,ENG,LIT)
In literature as in film, dark humor often deals with the unlaughable, those taboo subjects that range from death and murder to family dysfunction to global conflagration. This course will explore-through literary works such as Catch 22, Slaughterhouse Five and the Short Stories of Flannery O'Connor and such films as Dr. Strangelove, The Trouble With Harry and Arsenic and Old Lace-how the dark side of humor can often illuminate the madness and absurdities of human life.
Typically offered: As Needed

LWP-4041 Topic: The Wire (3 Credits)
Requisite(s): Any 5 Literature courses ENG
This course will explore a range of historical, cultural, social, political, and narrative issues at play in the television series The Wire
Typically offered: As Needed

LWP-4042 Seminar Topic: Literary Mystery Novel (3 Credits)
Requisite(s): Five ENG courses 2000 or higher
This course will focus on works of literary fiction that feature a working through of plot that applies the structures of the mystery genre. This course will examine the function of this genre device as a tool of revelation as used by literary novelists such as William Faulkner, Umberto Eco, and Iain Pears.
Typically offered: As Needed

LWP-4043 Seminar Topic: David Fincher (3 Credits)
Requisite(s): Five ENG courses 2000 or higher
This seminar examines the visual storytelling of film director, David Fincher. Students will examine film and literary influences, including brief examinations into his commercials and music videos, as well as excerpts from shows such as Mindhunter and House of Cards. Possible films to be included in the course include Se7en, Fight Club, Zodiac, The Game, Panic Room, The Social Network, Gone Girl, The Girl With the Dragon Tattoo, The Curious Case of Benjamin Button, and Mank.
Typically offered: As Needed

LWP-4044 Seminar: the Mask in Literature and Film (3 Credits)
Requisite(s): Five ENG or LWP courses 2000 or higher
From the ancient Greeks to Shakespeare to Poe and Hawthorne to Black Mirror and the Rod Sterling's Twilight Zone, the concept of the Mask, has been used to obscure, to deceive, to hide, that which lies beneath the surface of human character, as well as to reveal and to illuminate the duality of human nature. In this seminar, we will explore the literary concept of the Mask through the works of Sophocles, Shakespeare, Poe, Hawthorne, Wilde, Stevenson, Dunbar, Highsmith, and others. We will also view some thematically related films such as Hitchcock's Shadow of a Doubt, Kubrick's A Clockwork Orange, Teshigahara's The Face of Another, and Peale's Get Out!
Typically offered: As Needed

LWP-4045 Seminar: Representing the Holocaust (3 Credits)
Requisite(s): Five ENG or LWP courses 2000 or higher
This seminar will explore a range of artistic, humanistic, and literary representations of and engagements with the Holocaust in an attempt to better understand its roots, realities, and repercussions.
Typically offered: As Needed

LWP-4046 Seminar: Telling Our Stories (3 Credits)
Requisite(s): Five ENG or LWP courses 2000 or higher
In this seminar, we will experiment with autobiographical writing exercises of our own as we read, listen to and view works of autobiographical writing - from memoir and autobiographical fiction to graphic memoir, podcasts and stand-up comedy. Students will become familiar with critical concepts, terms and approaches used to analyze life narratives, and with debates relating to authenticity, identify, truth, memory, culture and self-representation.
Typically offered: As Needed

LWP-4047 Seminar: Gothic Literature & Film (3 Credits)
Requisite(s): Five ENG or LWP courses 2000 or higher
Gothic literature deals with a tension of opposites. Of the conflict between rational and irrational, the natural and supernatural, science and superstition, It is a literature of intense emotional intensity, of doubt and uncertainty, of exalted moments of joy and ecstasy, of the dead and the undead, of haunted houses, of unknown fears and desires that lurk in the unconsciousness mind. This course will study the Gothic literature from the Romantic and Victorian periods up until the present time. It will include such works The Fall of the House of Usher, Wuthering Heights, Frankenstein, Dracula, Dr. Jekyll and Mr. Hyde, The Monk, Rebecca, The Haunting of Hill House, Interview with a Vampire, and others.
Typically offered: As Needed

LWP-4295 Seminar Topic: Fiction's Futures (3 Credits)
Requisite(s): Five ENG courses 2000 or higher
How does fiction imagine humanity's future? What lessons and warnings do they offer? What commonalities do they share? How do they reimagine community as well as the individual's relationship to a changed society? How are issues of race, gender and sexuality imagined or reimagined in these futures? And, what do they tell us about the fears and hopes of the time in which they were written? This course will look at both science fiction and literary fiction. Authors include Octavia Butler, Margaret Atwood, Cormac McCarthy, Carmen Maria Machado, Charles Yu, Ted Chiang, Lucy Corin, and Tao Lin among others.
Typically offered: As Needed

LWP-4403 Tutorial: Technical & Profssnl Writing Literature (3 Credits)
This tutorial will provide writing students with the opportunity to see their research and efforts materialize into an actual exhibition. The writing experience they get from this tutorial will be extensive. Grant writing, business letters, press releases, writing for the web, along with narrative and interpretive text will all be part of this tutorial.
Typically offered: As Needed

LWP-4404 Writing Memoir and Fiction for Publication and Performance (3 Credits)
Requisite(s): Take 1 courses;,Any AML, BRL, or LIT course 2000 or higher
This tutorial will have students design and pursue a series of independent projects focused on the drafting and editing of short stories and/or memoir pieces, with a view toward public presentation of their work. The instructor will meet with students both during and outside the weekly tutorial session, and will engage the group in peer editing activities.
Typically offered: As Needed

LWP-4407 Photography and Literature Cyborgs, Monsters and the Transhuman (3 Credits)
Requisite(s): Chairpersons Approval
This tutorial will explore artistic and social developments in literature and photography, as well as the nature of storytelling in words and in images. Readings, photographers, and activities will include, among others, On Photography, How The Other Half Lives, excerpts from Leaves of Grass, Cartier-Bresson, Dorothea Lange, The Jazz Loft Project, photo essays, and a student group exhibit.
Typically offered: As Needed

LWP-4409 Thesis Research and Proposal Cyborgs, Monsters and the Transhuman (3 Credits)
Requisite(s): Chairpersons Approval
The tutorial to be offered will work on the process of designing, researching, and writing the senior thesis.
Typically offered: As Needed

LWP-4411 Tutorial: Business Communications (3 Credits)
ENG 4411 is a writing tutorial intended to increase the student's ability to write effective business communications through memos and letters for both internal and external customer and clients audiences. Attention will also be paid to organization and communication skills needed to conduct meetings, projects, reporting, and daily communication. Prerequisite: Chairperson's approval.
Typically offered: As Needed

LWP-4412 Tutorial: Advanced Creative Writing (3 Credits)
This tutorial is a continuation of Advanced Fiction Writing and, for many, will serve as a bridge to a creative English thesis. The primary focus will be on workshopping student work. We will also read and analyze published short fiction (some chosen by me, some chosen by students) as writers as well as selected essays on craft and process. Each student will be expected to read and write about a particular issue of craft in a particular collection of short fiction that they will choose in consultation with me. We will meet as a group every other week; in addition, there will be individual consultations throughout the semester. Prerequisite: Chairperson's approval.
Typically offered: As Needed

LWP-4990 Internship in English (1-3 Credits)
Requisite(s): LWP-2105, LWP-2106 and LWP-2107,One 3000-level LWP course
This course provides the opportunity for students to work at department-approved locations for a structured, supervised, professional work experience within a company, non-profit organization, or approved institution.
Typically offered: As Needed

LWP-4995 Independent Study in English (1-3 Credits)
Requisite(s): 9 credits from ENG Dept.(AML, BRL, DRA, ENG, LIT, or WRI,except WRI-1100) and Department Chair approval.
When a student has a particular interest which is not addressed by any of the offerings in the English curriculum. When a student has been pursuing an idea and feels the need to do it on a more formal basis, it is possible to propose the idea for independent study. The student would seek out a member of the English faculty who would be willing and able to oversee or guide the student through a semester's activity on the subject. Specific guidelines for Independent Study in English are available in the English offices. Students interested in possible independent study should begin the process of securing a mentor and filling out the required forms before the Registrar's Office begins formal registration for the next semester.
Typically offered: As Needed

LWP-4996 Thesis Preparation and Proposal (3 Credits)
Requisite(s): Open to Juniors and Seniors. Department Chair approval,required.
This course provides students the opportunity to read, think, write, and discuss ideas for their senior thesis with their mentor. At the end of the course, students will have a completed proposal so that they can begin writing their thesis at the start of the following semester. At some point during the semester, the student must pick a second reader for their proposal and thesis.
Typically offered: Fall Only

LWP-4997 Senior Thesis (3 Credits)
Requisite(s): LWP-4996
Under the direction of an LWP faculty mentor, students develop an independent research or creative project (thesis) based on their thesis proposal in LWP 4996 Thesis Preparation and Proposal. Students will work with their faculty mentor to finalize their project, with regular meetings required throughout the semester.
Typically offered: As Needed

LWP-5401 Literature: Franciscan Tradition (3 Credits)
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; writing about St. Francis and St. Clare; and an examination of their influence on society throughout history.
Fulfills General Education Requirement: HCE, PEM

LWP-5402 American Nobel Laureates (3 Credits)
In this seminar, we will read, listen to, and view works of prose, poetry, and drama from American Nobel Laureates. Each student will explore the reasons why the Nobel Committee selected a particular author for this prestigious award. Students will also be expected to develop some familiarity with American culture and aesthetics through oral reports. Through course discussion, presentations, and writing, we will collectively attempt to articulate why certain American authors have been singled out for international literary and aesthetic fame and we will place these authors within a globalized aesthetic framework.

LWP-5404 Darwin and Science Writing (3 Credits)
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). Students will 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. The course 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.
Fulfills General Education Requirement: HCE, NPW
Typically offered: Spring Only

LWP-5405 Perspectives of Gender/Health (3 Credits)
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.
Fulfills General Education Requirement: HCE, NPW
Typically offered: Spring Only

LWP-5406 Blues, Jazz, and the Harlem Renaissance (3 Credits)
An exploration of blues, jazz, and the literature of the Harlem Renaissance. In the process of developing a stronger, more critical appreciation of these art forms, students study such legendary figures as Alain Lock, WEB duBois, Langston Hughes, Zora Neal Hurston, Louis Armstrong, Bessie Smith, and Duke Ellington. Lectures are supplemented with film, slides, and recorded examples. The class will attend live jazz performances.

LWP-5407 Utopian & Dystopian Literature Literature (3 Credits)
This seminar examines representative works of utopian and dystopian literature and considers how the conception of perfect societies, and of the radically imperfect ones, illuminates our values and priorities as citizens of a society and as individuals. Such works also invite reflection on the achievements and failings of our own society. Among the readings are such works as More's Utopia, The Handmaid's Tail, Ecotopia, and excerpts from Genesis, Dante's Inferno, and Plato's Republic.
Typically offered: As Needed

LWP-5408 Sem: Neurodiversity in Fiction and Film Literature (3 Credits)
This interdisciplinary honors seminar will explore neurodiversity as it is represented in literature and film, and as a force in the creation of these works. What can literature tell us about neurodiversity? And what can neurodiversity tell us about literature? This interdisciplinary course brings together creative, medical, historical, philosophical, psychological, and analytical texts in order to explore issues and ideas related to neurodiversity in the context of a range of social constructs and beliefs, including race, class, gender, sexuality, politics, success, truth, goodness, power, and (dis)ability.
Fulfills General Education Requirement: HCE, NPW
Typically offered: As Needed

LWP-5655 Women Primatologists Literature (3 Credits)
A study of work by Jane Goodall (In the Shadow of Man; Through a Window), Dian Fossey (Gorillas in the Mist), Birut Galdikas (Reflections of Eden), Shirley Strum (Almost Human), and Karen Strier (Faces in the Forest). Students will read remarkable narratives by women scientists who endured tremendous hardships and risks to engage in long-term field studies of wild chimpanzees, mountain gorillas, orangutans, olive baboons, and muriqui monkeys. While the field research in every case began as a species study, environmental and animal welfare concerns eventually took hold as well.
Fulfills General Education Requirement: HCE, NPW
Typically offered: As Needed

Management (MGT)

MGT-6001 Organization and Strategy (3 Credits)
Graduate students only. 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.
Typically offered: All Sessions

MGT-6002 Special Topics in Organizational Mgmt (3 Credits)
Requisite(s): MGT-6001
Graduate students only. 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.
Typically offered: Spring Only

MGT-6003 Org'l Development and Change Mgmt (3 Credits)
Requisite(s): MGT-6001
Graduate students only. 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.

MGT-6100 Graduate Workshop (0 Credits)
Open to graduate students in M.S. in Management only. This course will explore contemporary topics in management and provide an opportunity for graduate students to interact with each other through a combination of lecture and group activities. Topics may include leadership, strategic planning, human resources management, business communications, or current issues in organizational management. Students must enroll in this course in each term to continue in the M.S. in Management.
Typically offered: All Sessions

MGT-6101 Graduate Seminar in Management (0 Credits)
Open to graduate students in M.S. in Management only. This course will explore contemporary topics in management and provide an opportunity for graduate students to interact with each other through a combination of lecture and group activities. Topics may include leadership, strategic planning, human resources management, business communications, or current issues in organizational management. Students must enroll in this course in each term to continue in the M.S. in Management.
Typically offered: All Sessions

MGT-6230 Leadership (3 Credits)
Requisite(s): MGT-6001
Leaders have the ability to influence others to action towards a goal. In this class, students will explore leadership theories and models while simultaneously building their own leadership capacity through self-assessment, reflection, and practice.
Typically offered: All Sessions

MGT-6900 Research in Management (3 Credits)
Requisite(s): Take 3 graduate level credits.,Take 3 graduate level credits with a minimum GPA of 3.0.,Department Chair approval.
A supervised, guided research project for students in the M.S. in Management program. Includes participation in faculty-led activities to discuss and analyze communication, ethical, management, and organizational behavior in health care administration, digital marketing, project management, or social innovation and entrepreneurship. May be taken for two semesters (up to 6 credits) with the approval of program director or department chair.
Typically offered: As Needed

MGT-6990 Supervised Externship (1-3 Credits)
Must be a full-time student in M.S. in Management who has completed at least 9 credits of graduate coursework with 3.0 average and department approval. A supervised and observed volunteer, internship, externship, or work experience for full-time students in the M.S. in Management program. Includes participation in faculty-led activities to discuss and analyze communication, ethical, management, and organizational behavior at host site.
Typically offered: All Sessions

MGT-6998 Capstone Project (3 Credits)
Requisite(s): Student must have completed a minimum of 27 credits in,graduate level courses. Students should register for,MGT-6998 in their final semester.,MGT-6001 MKT-6001 IT-6001 BAN-6001 FIN-6001
Graduate students only. 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.
Typically offered: Fall Only

Marketing (MKT)

MKT-2201 Introduction to Marketing (3 Credits)
Requisite(s): BUS-1001 or ENT-1001
The purpose of this course is to introduce students to the activities and processes involved with marketing organizations, goods, and services in a global economy. This is an introductory course designed to familiarize students with the activities and strategies employed by marketers, as well as the key terms associated with the field. The student will acquire a conceptual base for understanding the role of marketing in a business environment, as the course explores the major components of the marketing mix, the 4Ps (product, pricing, place/distribution, and promotion). For promotion, the class will discuss especially social media marketing. Case studies and marketing planning will be studied so that the student gains an understanding of the critical role marketing plays in the strategy of a firm.
Typically offered: All Sessions

MKT-2202 Travel and Economic Geography (3 Credits)
Requisite(s): MKT-2201
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.
Typically offered: As Needed

MKT-2203 Introduction to Travel and Tourism (3 Credits)
Requisite(s): MKT-2201
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.
Typically offered: As Needed

MKT-2204 Gender and Sexuality in Marketing (3 Credits)
Requisite(s): Take BUS-1001 or ENT-1001
This course seeks to refine students' understanding of marketing by exploring how commercial enterprises are influenced by -- and influence -- society's norms about gender, gender identity, sexuality, sexual orientation, and sexual identity. While business and marketing are often viewed as external to other domains of social life, brands and companies choose to support or confront society's understanding of gender and sexuality through their communications to consumers about product and service offerings. Topics covered include the situational analysis, strategic marketing planning, and the marketing mix with an emphasis on segmenting, targeting, and promotion. Students will analyze marketing campaigns for products and services promoted to men, women, and non-gender conforming people, as well as to individuals with diverse sexual orientations and identities, in both the United States and globally.
Prerequisite/ Corequisite: BUS 1001 or ENT 1001
Fulfills General Education Requirement: WHG
Typically offered: All Sessions

MKT-2440 Intro to Digital Marketing (3 Credits)
Requisite(s): Complete 30 credits ,One Course from ITML (FYC)
This course provides a fundamental understanding of digital marketing and ecommerce. It will provide an overview of where digital marketing is today and what trends will impact the way we do digital marketing in the future (i.e. AI and chat bots). Then we look at the different aspects and instruments of digital marketing, including Website/ecommerce sites, search engine optimization, search engine marketing, and social media. Throughout the class we will analyze best practices via case studies across industries, with a focus on retail and consumer products.

MKT-3304 Marketing Management (3 Credits)
Requisite(s): MKT-2201
An in-depth study using the case method of markets, market planning, and marketing decisions. Students learn to evaluate products in relation to consumer demand, market segments, competitive positioning, alternate distributed channels, and relative price lining. Managerial aspects of the marketing functions are stressed.
Typically offered: As Needed

MKT-3307 Advertising and Sales Promotion (3 Credits)
Requisite(s): MKT-2201
An advanced course in contemporary advertising and sales promotion techniques used by market-oriented business firms. Students write copy; plan space, TV, and radio ads; determine budgets; and develop campaigns for media, direct marketing, and point-of-sale displays. Agency/client relationships, corporate advertising departments, trade shows, and business expositions are explored.

MKT-3309 Relationship Management (3 Credits)
Requisite(s): MKT-2201
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.
Typically offered: As Needed

MKT-3315 Public Relations (3 Credits)
Requisite(s): MKT-2201
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.
Typically offered: As Needed

MKT-3316 Fashion and Retail Merchandising (3 Credits)
Requisite(s): MKT-2201 or BUS-1771
This course examines the contemporary retail industry with a focus on Omni channel retailing. Students will develop an understanding of the global-retail marketplace and explore entrepreneurial opportunities within the retail sector. Topics include operations, planning, buying, pricing, sourcing, the product development cycle, promotions, store layout, visual merchandising, ecommerce, logistics and distribution.
Typically offered: As Needed

MKT-3317 Consumer Behavior (3 Credits)
Requisite(s): MKT-2201
This course will examine concepts, theories, and methods applicable to the study of consumer behavior. In general, the aim of this course is to gain a better understanding of consumer behavior related theories and how they contribute to effective and efficient marketing activities from the perspective of the consumer, marketer, and public policy maker. Since understanding the consumer is at the essence of marketing, this course is ideal for those pursuing careers in brand management, new product development, advertising, services, and other consumer related industries.
Typically offered: All Sessions

MKT-3330 International Marketing (3 Credits)
Requisite(s): MKT-2201
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.
Typically offered: As Needed

MKT-3370 Travel and Tourism Management (3 Credits)
Requisite(s): MKT-2201
The course provides students with an opportunity to explore the relationship between marketing and the tourism industry. It will emphasize the collaborative efforts that exist between airlines, hotels, restaurants, and travel agents. Topics covered include research analysis, strategies, market segmentation, product development, packaging, services, sales, advertising, distribution, mix, etc. Students will work as part of a team that develops a marketing plan for a destination which follows the hospitality and travel marketing system model and which will include advertising and collateral support materials.
Typically offered: As Needed

MKT-3777 Intro to Brand Management (3 Credits)
Requisite(s): MKT-2001, ENT-2001, or BUS-2772
This course will focus on the building blocks of growing and managing a brand, as well as advanced and special topics of brand management that will provide a well-rounded look at issues in integrating the brand into overall marketing and company activities. This course provides students with insights into how profitable brand strategies can be created and the implications for brand management professionals. The class blends marketing theory and practice to provide perspective on the brand management function.

MKT-3788 Marketing Research and Analysis (3 Credits)
Requisite(s): MKT-2201 or MKT-2440,Take 1 BAN course
In this course students will learn technology-based marketing research and analysis. The course begins with an introduction to product, consumer, competitive and market research. We then move on to apply various analytics tools to generate marketing insights from data in such areas as segmentation, targeting and positioning, satisfaction management, customer lifetime analysis, customer choice, text analysis and search analytics.

MKT-3881 Content Marketing for Businesses (3 Credits)
Requisite(s): MKT-2201 or MKT-2440,Take 1 BAN course
In this course students will gain insights on how companies are using content marketing as part of their digital marketing strategy. They will learn how to develop and a measurable content marketing strategy that can drive awareness, interest, and purchasing behavior. This includes understanding the different content types and formats and publishing channels. They will discuss how content marketing relates to search engine optimization (SEO). The class includes case study discussions, guest lectures, and group exercises. Students will work on the development of a content marketing strategy for a company and present it in class.

MKT-3888 Social Media Marketing for Businesses (3 Credits)
Requisite(s): MKT-2201 or MKT-2440,Take 1 BAN course
In this course students will gain insights on how social media marketing creates new opportunities - and also challenges - for businesses, associations, governments and non-profits, as part of their digital marketing strategy. They will learn how to create a social media strategy for businesses and how to measure the impact of social media on the business. This includes understanding the difference between owned, earned, and paid media and selecting the right social media platforms for the customers that the businesses serve. The class includes a deep dive into the key social media channels used by businesses today, including LinkedIn, Twitter, YouTube, Facebook, Instagram, TikTok, Snapchat, and Pinterest. The class includes case study discussions, guest lectures, and group exercises. Students will work on the development of a social media marketing strategy for a company and present it in class.

MKT-4998 Independent Study in Tourism Development (1-3 Credits)
Individual research and study on topics to be determined jointly by the student and advisor. Requires Management department approval.
Typically offered: As Needed

MKT-6001 Marketing for Managers (3 Credits)
Graduate students only. 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.
Typically offered: All Sessions

MKT-6002 Digital Marketing (3 Credits)
Requisite(s): MKT-6001;
Graduate students only. This course provides a comprehensive overview of digital marketing, including an introduction to new and emerging formats and platforms, how to integrate digital approaches into the marketing plan, and how to use digital tools and tactics to execute marketing strategy. Topics will include content marketing, social media, email marketing, mobile marketing, website user experience (UX), search engine optimization (SEO), search engine marketing (SEM), paid advertising, reputation management, and emerging approaches such as artificial intelligence, personalization, and augmented and virtual reality. IV. Prerequisites: MKT 6001 Marketing for Managers.
Typically offered: Summer Only

MKT-6003 Digital Brand Management (3 Credits)
Requisite(s): MKT-6001;
Graduate students only. This course provides an overview of the foundations of developing and managing a brand in the digital space and how to integrate the brand into the company's marketing and strategic activities. Topics will include brand awareness, brand engagement, the shift from a one-way conversation to consumers towards a two-way conversation with consumers, and the role of influencers and brand advocates. Prerequisites: MKT 6001 Marketing for Managers.

MKT-6317 Consumer Behavior (3 Credits)
Requisite(s): MKT-6001;
Graduate students only. This course provides an overview of consumer behavior, including the external and internal influences on consumer decision making, the consumer buying process, and how marketers can use consumer insights to develop successful marketing activities to support company strategy. Topics will include psychological theories of personality, motivation, memory, habit, and identity and how these inform consumer decision making; sociocultural factors such as social networks, reference groups, and social demography; impulsive and deliberate purchasing; brand loyalty; experiential marketing; and product satisfaction. Prerequisites: MKT 6001 Marketing for Managers.
Typically offered: Spring Only

MKT-6995 Independent Study in Business (1-3 Credits)
Graduate students only. Independent research and study in a topic in Business including submission of a written report. Prerequisites: graduate standing and approval of the department chairperson.
Typically offered: As Needed

Mathematics (MAT)

MAT-1101 College Algebra Corequisite Support (2 Credits)
Requisite(s): MAT-1105
A course designed to reinforce and strengthen topics in algebra in order to improve arithmetic and algebra skills, as well as quantitative reasoning and analytical skills. It provides the foundation for the math skills that students will need to succeed in College Algebra. This course is not a stand-alone course, students will take this course together with the College Algebra course. This course is intended to allow some students placing into developmental math an opportunity to earn credit for college level math course while providing the additional time and support associated with developmental courses.
Typically offered: All Sessions

MAT-1102 Math for Liberal Arts Coreq Support (2 Credits)
Requisite(s): MAT-1104
A course designed to reinforce and improve mathematical skills, as well as quantitative reasoning and analytical skills. It provides the foundation for the math skills that students will need to succeed in Math for Liberal Arts. This course is not a stand-alone course, students will take this course together with the Math for Liberal Arts course. This course is intended to allow some students placing into developmental math an opportunity to earn credit for college level math course while providing the additional time and support associated with developmental courses.
Typically offered: All Sessions

MAT-1103 Foundations of Mathematics (3 Credits)
Requisite(s): MAT-1101 or higher
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.
Fulfills General Education Requirement: QR1
Typically offered: All Sessions

MAT-1104 Math for Liberal Arts (4 Credits)
Requisite(s): Placement by Examination, Previously taken pre-requisite or,specific concurrent co-requisite.
This course is designed for liberal arts majors who need to fulfill their math and general education requirements. The course covers an introduction to set theory, growth models, financial mathematics, probability, and statistics. The goal of this course is to help students develop into problem solvers and critical thinkers.
Fulfills General Education Requirement: QR1
Typically offered: All Sessions

MAT-1105 College Algebra (4 Credits)
Requisite(s): Placement by Examination, Previously taken pre-requisite or,specific concurrent co-requisite.
A review of topics in intermediate algebra and an extended treatment of some topics such as equations, inequalities, relations and functions, including polynomial, rational, exponential, and logarithmic functions and graphs. Additional topics include solving linear systems of equations by various methods. This course is designed to illustrate several ways in which mathematics is used in the real world. We will explore some topics or general interest which are not typically taught in a formal mathematics class. The goal is for you to see not only how useful mathematics is but also how beautiful and elegant it can be.
Fulfills General Education Requirement: QR1
Typically offered: All Sessions

MAT-1107 Algebra and Trigonometry for Science Majors (4 Credits)
Requisite(s): MAT-1105 or higher
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. Graphing calculator is optional.
Fulfills General Education Requirement: QR1
Typically offered: All Sessions

MAT-1109 Mathematics for Managerial Science I (3 Credits)
Requisite(s): MAT-1105 or higher
Basic algebraic concepts such as factorization of polynomials, solving basic algebraic equations. Lines and parabolas. Maxima and minima. Exponentials 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.
Fulfills General Education Requirement: QR1
Typically offered: All Sessions

MAT-1110 Business Calculus (3 Credits)
Requisite(s): MAT-1109
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.
Fulfills General Education Requirement: QR1
Typically offered: As Needed

MAT-2202 Calculus I (4 Credits)
Requisite(s): MAT-1107 or higher
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. course.
Fulfills General Education Requirement: QR1
Typically offered: All Sessions

MAT-2203 Calculus II (4 Credits)
Requisite(s): MAT-2202
Integral Calculus. Antiderivatives and the indefinite integral. Riemann sums and the definite integral. Properties of the integral and the Fundamental Theorem of Calculus. The logarithm via an integral, exponential, hyperbolic and inverse hyperbolic functions. Methods of integration, including the substitution method and integration by parts. Trigonometric integral and trigonometric substitutions. Integration of rational functions and rationalizing substitutions. Applications of integration, area, length, surface area and volume. Polar coordinates. Improper integrals.
Fulfills General Education Requirement: QR1
Typically offered: All Sessions

MAT-2301 Statistics (3 Credits)
Requisite(s): MAT-1104 or higher
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.
Fulfills General Education Requirement: QR1
Typically offered: All Sessions

MAT-2306 Introduction to Cryptography (3 Credits)
Requisite(s): MAT-1107, IT-1104 or IT-1105
The course explores several facets of Cryptography: historical, mathematical, as well as technological. Basic ciphers and their attack methods are presented, including the mathematics behind. The language of programming C++ is introduced, and used to implement cryptographic algorithms. The course will be held in a lab. Invited speakers who currently work in the field of Cryptography will have short conversations with the students via zoom.
Typically offered: All Sessions

MAT-2309 College Geometry (3 Credits)
Requisite(s): MAT-2202
Topics of higher Euclidean geometry and geometric constructions. Geometrical transformations and different kinds of geometries. Projective and hyperbolic geometries.

MAT-3304 Calculus III (4 Credits)
Requisite(s): MAT-2203
Sequences and Series of real numbers. Vectors and vector -valued functions. Functions of several variables. Limits and continuity. The derivative, directional and partial derivatives. Chain rule. Maxima, minima, Lagrange's multipliers. Double and triple integrals, cylindrical and spherical coordinates and change of variable formula. Applications.
Typically offered: Spring Only

MAT-3305 Calculus Workshop Using Technology (3 Credits)
Requisite(s): MAT-2202,MAT-2203
A treatment of the basic notions of calculus using computer and mathematical software programs, for example, Derive 6, Mathematica, etc. The course covers problems involving limits, derivatives, graphs, approximation of solutions. and approximation of series and integrals. Lab Fee.

MAT-3310 Vector Analysis (3 Credits)
Requisite(s): MAT-3304
The algebra and calculus of vectors, scalar and vector product, coordinate systems, space geometry, vector differential operators, divergence and curl of vector fields, curvilinear coordinates, line and surface integrals. Green's theorem, Stokes' theorem, and divergence theorem.
Typically offered: As Needed

MAT-3311 Introduction to Set Theory (3 Credits)
Requisite(s): MAT-2203
The algebra of propositions and quantifiers; sets, relations, functions, equivalence relations, partial and total orders, and product sets; Cantor hypothesis, cardinal and ordinal numbers, and well-ordered sets; Axiom of Choice, Zorn's dilemma, and well ordering axiom.
Typically offered: As Needed

MAT-3312 Linear Algebra (4 Credits)
Requisite(s): MAT-2203
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.
Typically offered: Fall Only

MAT-3401 Differential Equations I (3 Credits)
Requisite(s): MAT-2203
Methods of solving ordinary differential equations with applications. Linear differential equations of first-, second-, and higher-order applications. Systems of linear differential equations.
Typically offered: Spring Only

MAT-3406 Theory of Numbers (3 Credits)
Requisite(s): MAT-2202
An introductory course dealing with divisibility, number theorems, theory and congruences, quadratic residues, and Diophantine equations. Quadratic residues and quadratic reciprocity law. Fermat's theory, Chinese remainder theorem, Euler's theorem, and Wilson's theorem.
Typically offered: Fall Only

MAT-4000 Topic in Advanced Mathematics: Analysis (3 Credits)
Requisite(s): MAT 4404 and approval of chairperson.
faculty member in the Mathematics department. For students majoring in Mathematics Education, the independent study is on the history of mathematics.
Typically offered: On Demand

MAT-4001 Special Topics in Mathematics Topics in Cryptography (3 Credits)
Requisite(s): MAT 4404 and approval of chairperson.
The course explores basic types of attack; ciphers such as substitution ciphers, Hill ciphers, as well as Number Theory related problems such as congruence equations and modular exponentiation.
Typically offered: On Demand

MAT-4402 Differential Equations II (3 Credits)
Requisite(s): MAT-3401
Fourier series and Laplace transformations: applications. Series solution of differential equations. Lengendre's and Bessel's equations. Partial differential equations.
Typically offered: As Needed

MAT-4403 Advanced Calculus I (4 Credits)
Requisite(s): MAT-3304
Real numbers, axiom of continuity, least upper bounds, and greatest lower bounds; open and closed sets; continuity differentiation; maxima and minima for functions of two or more variables; the method of Lagrange; implicit function theorems; and general theorems of partial differentiation.

MAT-4404 Advanced Calculus II (4 Credits)
Requisite(s): MAT-4403
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.
Typically offered: Spring Only

MAT-4409 Modern Algebra (3 Credits)
Requisite(s): MAT-3304
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.
Typically offered: Spring Only

MAT-4410 Functions of a Complex Variable (3 Credits)
Requisite(s): MAT-3304
Complex numbers and the topology of the complex plane; analytic and elementary functions, contour integrals, conformal mappings, power series, Laurent series, Cauchy-Riemann partial differential equations; Cauchy-Goursat theorem.
Typically offered: As Needed

MAT-4411 Introduction to Real Analysis (3 Credits)
Requisite(s): MAT-4404
Families of sets, countable and uncountable sets, metric spaces, the space of continuous functions on a compact set, the Stone-Weirstrass theorem, measure and measurable functions, the Lebesgue Integral, and dominated and monotone convergence theorem, _Lp Spaces_.
Typically offered: As Needed

MAT-4413 Advanced Linear Algebra (3 Credits)
Requisite(s): MAT-3312
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.
Typically offered: As Needed

MAT-4414 General Topology (3 Credits)
Requisite(s): MAT-4403
Set-theoretic preliminaries, metric spaces, topological spaces, continuity and homomorphism, compactness and connectedness, separation axioms, complete metric spaces, and covering spaces.
Typically offered: As Needed

MAT-4415 Probability Theory (3 Credits)
Requisite(s): MAT-3304
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.

MAT-4416 Mathematical Statistics II (3 Credits)
Requisite(s): MAT-4415
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.
Typically offered: As Needed

MAT-4418 Senior Seminar (3 Credits)
Requisite(s): MAT-3304,MAT-2203
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.
Typically offered: Spring Only

MAT-4990 Math Internship (1-3 Credits)
Students find internships through their own initiative, the Career Development Office, and occasionally through Faculty. Placements depend on the availability of suitable positions and must amount to a minimum of 45 hours for 1 credit, 90 hours for 2 credits, and 135 hours for 3 credits. The faculty internship coordinator, along with the site placement supervisor, will guide and evaluate the quality of the work. Internships must relate to mid or upper level mathematics or applied mathematics and will provide the student with an opportunity to apply their math skills. Requires approval of the departmental chairperson.
Typically offered: Fall and Spring

MAT-4995 Independent Study in Mathematics (1-5 Credits)
Requisite(s): Senior Standing and Departmental approval.
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.
Typically offered: On Demand

MAT-5400 The Infinite (3 Credits)
Cross-listed with: PHI-5402. 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.
Fulfills General Education Requirement: NPW, PEM
Typically offered: As Needed

Nursing (NUR)

NUR-2221 Introduction to Nursing Therapeutic Skills (3 Credits)
Requisite(s): NUR-2221L,NUR-3001,NUR-3501
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. Course fee.
Typically offered: Spring Only

NUR-3001 Nursing Informatics (3 Credits)
Requisite(s): NUR-2221,NUR-2221L,NUR-3501
Offered in the first semester of the nursing sequence, 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 (AACN Baccalaureate Essentials (2008).
Typically offered: Spring Only

NUR-3311 Introduction to Geriatric Nursing (3 Credits)
This course provides the student nurse with a conceptual foundation for gerontological nursing practice within health care settings and in the community. The course content is consistent with the baccalaureate competencies recommended by AACN and the John A Hartford Foundation Institute for Geriatric Nursing, ensuring that students will acquire the knowledge and skills required to provide high quality care to older adults and their families.
Typically offered: Fall Only

NUR-3321 Physical Assessment (4 Credits)
Requisite(s): Must take NUR-3321L with NUR-3321
This course is an introduction to physical assessment with an emphasis on the review of systems that includes physical examination and history taking. Course fee.

NUR-3323 Physical Assessment (4 Credits)
Requisite(s): NUR-3323L,NUR-2221,NUR-2221L,NUR-3001,NUR-3501
Offered in the first semester of the nursing sequence, this course is an introduction to physical assessment with an emphasis on the review of systems that includes physical examination and history taking. Course fee.
Typically offered: Spring Only

NUR-3333 Theoretical Basis of Nursing Practice (4 Credits)
The course focuses on the development of a more conceptual and holistic approach to the practice of nursing. This course describes the philosophies, conceptual models, and theories of nursing. Students will view nursing practice case studies through the lens of different conceptual models.
Typically offered: As Needed

NUR-3334 Nursing Care of the Adult-Lecture (5 Credits)
Requisite(s): NUR-3335,NUR-3336,NUR-3450
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. 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.
Typically offered: Fall Only

NUR-3335 Nursing Care of the Adult-Clinical (3 Credits)
Requisite(s): NUR-3334,NUR-3336,NUR-3450
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 facility 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 the knowledge from the lecture courses NUR 3334 and NUR3336 to the clinical settings of this course. Clinical settings include opportunities for cane 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. Course fee.
Typically offered: As Needed

NUR-3336 Nursing Pathophysiology (3 Credits)
Requisite(s): NUR-3334,NUR-3335,NUR-3450
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.
Typically offered: Fall Only

NUR-3423 Leadership and Management (3 Credits)
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-majors.
Typically offered: Spring Only

NUR-3450 Nursing Pharmacology (3 Credits)
Requisite(s): Successful completion of ALL Pre-Requisites and the 2nd,Semester Sophomore Nursing Courses - NUR 2221 & NUR 2221L;,NUR 3001; NUR 3323 & NUR 3323L; NUR 3501
This course provides the prelicensure Professional Registered Nurse student with an introduction to nursing pharmacology that integrates the concepts of physiology, pathophysiology, chemistry, and nursing fundamentals to build a foundation for administering drug therapy to patients. Lifespan considerations, evidence for best practice, patient safety (Quality and Safety Education for Nurses [QSEN]), and critical thinking (AACN 2022 Baccalaureate Core Competencies for Professional Nursing Education) are integrated throughout the course.
Typically offered: Fall Only

NUR-3501 Nursing Seminar I (1 Credit)
Requisite(s): NUR-2221,NUR-2221L,NUR-3001,NUR-3323,NUR-3323L
Offered in the first semester of the nursing sequence, this is 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.
Typically offered: Spring Only

NUR-4323 Professional Nursing Bridge (Clinical) (4 Credits)
Requisite(s): NUR-3321,NUR-4324,NUR-3322
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. Course fee.
Typically offered: As Needed

NUR-4324 Professional Nursing Bridge (Lecture) (3 Credits)
Requisite(s): NUR-4323
This course is designed to help the AD or diploma nurse build on previously acquired knowledge in order to develop a more conceptual approach to the practice of nursing. The course expands the knowledge base of the RN by presenting new material.
Typically offered: As Needed

NUR-4421 Community/Public Health (Clinical) (4 Credits)
Requisite(s): NUR-4323,NUR-4422,NUR-4324
This is the clinical component of NUR-422. Students spend one day per week in a learning environment that assists them in developing an understanding of the role that health policy plays in prevention, environmental health, and the care of special risk groups. Course fee.
Typically offered: As Needed

NUR-4422 Community/Public Health (Lecture) (3 Credits)
Requisite(s): NUR-4421,NUR-4323,NUR-4324
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.
Typically offered: As Needed

NUR-4423 Community Health Nursing (clinical) (4 Credits)
Requisite(s): NUR-4447,NUR-4424,NUR-4448
This is the fourth clinical nursing course in the sequence and 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. For BS-RN majors only. Prerequisites: NUR 4447, NUR 4448. Co-requisite: NUR 4424. Course fee.
Typically offered: Fall Only

NUR-4424 Community Health Nursing (lecture) (3 Credits)
Requisite(s): NUR-4423, NUR-4447,NUR-4448
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. For BS-RN majors only. Prerequisites: NUR 4447, NUR 4448. Co-requisite: NUR 4423.
Typically offered: Fall Only

NUR-4440 Critical Care Medical Surgical Nursing Lecture (4 Credits)
Requisite(s): NUR-4423,NUR-4449,NUR-4424
This course is given in the final semester of the clinical sequence (graduating seniors) and is a preparatory course for entry into nursing practice. Students are prepared for state licensure examination 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 in 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).
Typically offered: Spring Only

NUR-4444 End of Life Care (3 Credits)
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 also address the challenging aspects of grief, loss and bereavement of patients and families as well as the loss experience of health care professionals.
Typically offered: Spring Only

NUR-4446 Psychiatric Nursing (3 Credits)
Requisite(s): NUR-4446C,NUR-3334,NUR-3335,NUR-3336
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. Course fee.
Typically offered: Spring Only

NUR-4446C Clinical: Psychiatric Nursing (2 Credits)
Requisite(s): NUR-4446
Required clinical portion of Psychiatric Nursing.
Typically offered: Spring Only

NUR-4447 Nursing Care of Child & Family Clinical (3 Credits)
Requisite(s): NUR-4448,NUR-3334,NUR-3335,NUR-3336
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 courses NUR 4448 to the clinical settings of this course. Clinical settings include opportunities for cane 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 AACN Baccalaureate Essentials (2009) and is within the ANA Scope and Standards of Nursing Practice (2015). Course fee.
Typically offered: Spring Only

NUR-4448 Nursing Care of Child & Family Lecture (4 Credits)
Requisite(s): NUR-4447,NUR-3334,NUR-3335,NUR-3336
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 Leininger 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.
Typically offered: Spring Only

NUR-4449 Critical Care Medical Surgical Nursing Clinical (4 Credits)
Requisite(s): NUR-4423,NUR-4440,NUR-4424
This course is given in the final semester of the clinical sequence (graduating seniors) and is a preparatory course for entry into nursing practice. Students are prepared for state licensure examination. 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. Completion of this course satisfies the comprehensive exam or project requirement for graduation. Course fee.
Typically offered: Spring Only

NUR-4502 Nursing Seminar II (1 Credit)
This course assists the nurse in preparing for professional nursing practice by integrating the practice, education, research, and health policy interests of the nurse.
Typically offered: Spring Only

NUR-4600 Nursing Research (3 Credits)
Requisite(s): MAT-2301
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 the students' understanding of nursing research, the research utilization process and professional role development.
Typically offered: Spring Only

NUR-4995 Independent Study in Nursing (1-3 Credits)
Requisite(s): Departmental approval required
Individual research in an approved area. Library research, conferences, report, or special project. Approval of the department Chairperson is required.
Typically offered: As Needed

Philosophy (PHI)

PHI-1101 Basic Problems in Philosophy (3 Credits)
An examination at a strictly introductory level of the character of philosophical questioning. Instances chosen for treatment are from the several areas of philosophy such as ethics, epistemology and metaphysics, and they are studied in the context of brief selections from the writings of philosophers from antiquity to the present.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-1114 Logic and Argumentation (3 Credits)
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; the structure of deductive and inductive arguments.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2201 Human Nature (3 Credits)
Requisite(s): Take one course in PHI
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.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2203 Theories of Knowledge (3 Credits)
Requisite(s): Take one course in PHI.
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, and an examination of ourselves as specimens, as knowers and as persons in pursuit of new knowledge. Readings of philosophers from antiquity to the present.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2204 Utilitarianism (3 Credits)
Requisite(s): Take one course in PHI.
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.
Typically offered: All Sessions

PHI-2205 Happiness and Pleasure (3 Credits)
Requisite(s): Take one course in PHI.
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.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2210 Descartes (3 Credits)
Requisite(s): Take one course in PHI.
This intensive intermediate-level course aims to acquaint the student with the thought of Ren? Descartes. Many regard him to be the founder of modern philosophy, a towering figure in the history of metaphysics. The basis of the course will be a careful reading of Descartes's major works. Through these readings, students will examine key philosophical notions or themes including skepticism, truth, God, the self, the infinite, mind and body.
Typically offered: All Sessions

PHI-2211 Existentialism (3 Credits)
Requisite(s): Take one course in PHI.
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 (such as authenticity, absurdity, freedom, responsibility, nothingness, or 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 literature, jazz, and film.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2212 Latin American Philosophy (3 Credits)
Requisite(s): Take one course in PHI.
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?
Fulfills General Education Requirement: PEM
Typically offered: Fall Only

PHI-2237 Theory of Being (3 Credits)
Requisite(s): PHI-1101 or PHI-1114
This course is a systematic study of basic reality. What is real, and what is reality? These and related questions about the meaning of being in general serve as our starting points. Readings may draw from pre-Socratic authorities on the basic ingredients or building blocks of existence through to Immanuel Kant's account of the limits of our rational capacities and competencies and, from there, into contemporary scholarship too. Topics include the nature of entities, finitude, space, time, the universe, God, and the place of human being and doing among these.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2310 American Philosophy (3 Credits)
Requisite(s): Take one course in PHI.,AMS-1001 for students pursuing AMS minor
American philosophy consists of various movements and sentiments; what might unify them is their being influenced by and impactful on a variety of other areas in society and culture, such as human rights activism, science, literature, politics, education, psychology, and environmentalism. This course surveys a representation of its innovative contributions, which may include works by Jonathan Edwards, Thomas Paine, the Grimk? sisters, the authors of The Federalist Papers, Ralph Waldo Emerson, Henry David Thoreau, Frederick Douglass, Charles Sanders Peirce, William James, Charlotte Perkins Gilman, Anna Julia Cooper, W.E.B. Du Bois, John Dewey, Alain Locke, Angela Davis, or others. Attention will be paid to authors' wider contexts, whether Puritanism, pragmatism, or otherwise.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2316 Art and Aesthetics (3 Credits)
Requisite(s): Take one course in PHI
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; 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.
Fulfills General Education Requirement: PEM

PHI-2341 Authority and Law (3 Credits)
Requisite(s): Take one course in PHI.
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.
Fulfills General Education Requirement: PEM
Typically offered: Fall Only

PHI-2342 Business Ethics (3 Credits)
Requisite(s): Take one course in PHI.
An introduction to the philosophical questions and theories associated with business ethics, with discussions based on the study of sample actual business cases. Topics include: applying moral philosophy to business ethics, social responsibility, organizational culture and ethical decision-making, development of an effective ethics program and business ethics in a global economy.
Fulfills General Education Requirement: PEM

PHI-2343 Philosophy of Sport (3 Credits)
Requisite(s): Take one course in PHI.
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.
Typically offered: All Sessions

PHI-2344 Philosophy and the Nature World Ethical Perspectives (3 Credits)
Requisite(s): PHI-1101 or PHI-1114
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 themes of devastation, extinction and collapse.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2403 The Good Life (3 Credits)
Requisite(s): Take one course in PHI.
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.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2404 Political Philosophy (3 Credits)
Requisite(s): Take one course in PHI.
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.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-2431 Ancient Greek Philosophy (3 Credits)
Requisite(s): Take one course in PHI.
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.
Fulfills General Education Requirement: PEM
Typically offered: Fall Only

PHI-2441 Early Modern Philosophy (3 Credits)
Requisite(s): Take one course in PHI.
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.
Typically offered: All Sessions

PHI-2502 Medical Ethics (3 Credits)
Requisite(s): Take one course in PHI. ,PHI 1101 or PHI 1114 strongly recommended.
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.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

PHI-3308 Introduction to Jewish Thought (3 Credits)
Requisite(s): Take one course in PHI.
The Western tradition can be viewed as the encounter of two seemingly irreconcilable ways of understanding the world, whether by philosophy, or by faith. The former relies on the autonomous exercise of the speculative mind; the latter trust revelation as the ultimate source of authority and truth. This course examines the Jewish philosophical tradition in light of philosophy and faith and explores whether or not the two are indeed irreconcilable.
Typically offered: As Needed

PHI-3312 Gender and Philosophy (3 Credits)
Requisite(s): Take one course in PHI (2000-level recommended) or ENG-2150,or WGS-2001 or COM-2030.
Gender is an important aspect of our personal lives, social experiences, 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, sex, and sexuality. Issues concerning self-identity, gender expression, representation in film and other media, oppression, privilege, justice, the patriarchal and heteronormative structures of society, and the roles of women and gender in philosophy itself may be explored in some historical but mainly contemporary texts.
Typically offered: As Needed

PHI-3315 Meaning of History (3 Credits)
Requisite(s): Take one course in PHI (2000 level recommended).
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 philosophical accounts of history from antiquity to today.
Typically offered: As Needed

PHI-3316 Philosophy of Art (3 Credits)
Requisite(s): Take one course in PHI.
The course examines the nature of art and the character of our experience of art. It deals with such issues as the concept of beauty, imagination and taste; the roles of imitation, representation and expression; style; the relation of works of art to knowledge and truth; the meaning of symbol and metaphor; the nature of narrative and genre; the philosophical status of works of art; the emotional responses to art. The course concentrates on the texts of selected major figures in the history of philosophy from Plato to Hans Urs von Balthasar.
Fulfills General Education Requirement: PEM

PHI-3317 Renaissance Philosophy (3 Credits)
Requisite(s): Take one course in PHI (2000 level recommended).
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.

PHI-3318 19th-Century Philosophy (3 Credits)
Requisite(s): Take one PHI course (2000 level recommended).
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 idealisms and reactions to them, for example from materialist, pessimist, and romantic perspectives, among others. Issues concerning the nature of reason, knowledge, self, and freedom, and their relationships to social formations and to nature will be examined. Problems in logic, ethics, and aesthetics and topics in religion, politics, history, and economics may also arise in these examinations. .
Typically offered: All Sessions

PHI-3319 Philosophy and Literature (3 Credits)
Requisite(s): Take one PHI course (2000 level recommended).
Are literature and philosophy rivals in asking big questions or seeking a deeper truth? If so, is one better at these pursuits? If not, what sort of relationship should they have? This course explores various conversations between literature and philosophy, such as philosophy's suspicion of art and literature's supposed disdain of philosophy. It may focus on philosophy of literature, philosophical theories as they appear in literature, or both. 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, or 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.

PHI-3326 Philosophy of Science (3 Credits)
Requisite(s): Take one course in PHI (2000 level recommended).
Why and how does science work? This course examines epistemological and ontological requireíments of natural science. This examination is carried out by means of a consideration of the idea of science in Greek phiílosophy, the emergence of modern natural science in the 17th century, logical positivism's account of natural science, and recent criticisms of the logical positivist account. Readings from ancient, modern, and contemporary sources.
Typically offered: As Needed

PHI-3333 Philosophical Theology (3 Credits)
Requisite(s): Take one course in PHI (2000 level recommended).
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? How compatible are faith and reason? What does God's existence or lack of existence have to 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.
Typically offered: Spring Only

PHI-3340 Special Problems in Ethics (3 Credits)
Requisite(s): Take one course in PHI.
Examination of selected contemporary and traditional ethical problems, such as abortion, sex-education, euthanasia, censorship, war, and capital punishment; some study of the presuppositions, instruments; and procedures of ethical analysis will be involved.
Typically offered: As Needed

PHI-3344 The Environment: Philosophical and Ethical Perspectives (3 Credits)
Requisite(s): Take one course in PHI.
This course aims to elucidate contemporary environmental issues by examining them in the light of a range of philosophical and ethical perspectives. Through readings and discussions, students will be introduced to a variety of religious, philosophical, and cultural views of the relationship between human beings and their environment, and will consider the ethical implications of the various approaches. A basic introduction to ethical theory will serve as the ground for the application of ethical principles to a broad spectrum of contemporary environmental problems. Students mastery of the material is exhibited through their performance on objective tests, as well as in a short paper in which they are expected to take a position on one of the issues raised in the readings, developing their own arguments and applying relevant ethical principles. Students are not specifically graded on class participation, but questions and discussion are strongly encouraged. In borderline situations, class participation which is particularly strong, or clearly lacking, will be taken into account in determining the final grade.
Typically offered: Spring Only

PHI-3354 The Holocaust and Forgiveness: Looking In the Abyss (3 Credits)
Requisite(s): Take one course in PHI.
Forgiveness is not a theoretical attitude- it is a decision that one must make. However one ultimately decides, to make this decision in a properly informed way, it is necessary to reflect on the evil against which the possibility of forgiveness is be measured, and what- if anything-would constitute repentance for such an evil. This course will examine the efforts to address these matters with respect to the holocaust. Among the questions to be considered are: What are the evil of Naziam? Why does it remain a source of fascination? Is it possible for Germany to repent of its past? Is forgiveness possible after Auschwitz?
Typically offered: As Needed

PHI-3432 Medieval Philosophy (3 Credits)
Requisite(s): Take one course in PHI (2000 level recommended).
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.
Typically offered: Spring Only

PHI-3442 Twentieth-Century Philosophy (3 Credits)
Requisite(s): Take one course in PHI (2000 level recommended).
A survey of some major figures or movements in twentieth-century American and European philosophy, such as postmodernism, phenomenology, logical positivism, ordinary language analysis, and pragmatism.
Typically offered: Spring Only

PHI-3443 Philosophy and the Moving Image (3 Credits)
Requisite(s): Take one course in PHI.
Throughout history, philosophy has attempted to address a number of questions. Why are we here? What type of beings are we? Is there a purpose to the lives we lead? What is the nature of evil? How can we live moral, purposeful lives- and is it necessary for us to attempt to do so? With the invention of moving pictures, these philosophical questions began to be addressed within the context of commercial films and, later, television, raising the possibility that the very nature of these questions becomes altered through the lens of the moving image. In this course, we will combine philosophical readings with the viewing of films and television programs in an attempt to address the question, Has the moving image changed the way we think?
Typically offered: As Needed

PHI-4000 Special Topics in Philosophy (3 Credits)
Requisite(s): Take one PHI course.
The course will explore specific identified topics in the discipline of philosophy. The subject matter will be selected by the instructor and chairman. Students may be granted for multiple sections of PHI-4000, provided the topic differs.

PHI-4001 Special Topics in Philosophy: Philosophical Principles in Catholicism (3 Credits)
Requisite(s): Take one 2000-level PHI course
Special topics course

PHI-4002 Special Problems in Philosophy: Justice And Piety (3 Credits)
Requisite(s): Take one 2000-level PHI course
Special topics course

PHI-4004 Topic: Franciscan Signposts On the Road to Modernity (3 Credits)
Requisite(s): 2000-level PHI course
An examination of some of the writings of St. Francis of Assisi, Roger Bacon, St. Bonaventure, Alexander of Hales, Duns Scotus, and William of Ockham. The emphasis will be on the contribution of each of these to the formation of philosophical modernity.
Typically offered: As Needed

PHI-4005 Special Topic: Radial Issues (3 Credits)
Requisite(s): Take one PHI course.
Martin Luther King, Jr.'s greatest philosophical influence was Hegel, whom he studied at Harvard and Boston University. Angela Davis to this day advocates the ideas of Herbert Marcuse, who mentored her while studying for her PhD in Philosophy. Philosopher Simone Weil died on a hunger strike for her belief in our duty to have sympathy for others. Meanwhile, today's radical acceptance movement comes from Ancient Stoic Philosophy. This discussion-based course examines the influence of philosophy from antiquity to the present on our personal choices and social change, and offers students the chance to explore any related ideas or people they are interested in. No tests or quizzes.
Typically offered: All Sessions

PHI-4006 Special Topic: Philosophers and Society (3 Credits)
How can philosophy help us reframe how we think about society and about ourselves, and possible change our world or how we live? What issues are contemporary philosophers interested in? Which philosophers have influenced famous artists, activists, or politicians? For example, are there connections between Angela Davis's activism and the philosophy of Herbert Marcuse, her PhD Mentor? What about other Black activists? And other feminist philosopher? Why is Hegel always popping up in discussions or revolution? And why was he Martin Luther King's favorite philosopher? This self-directed and discussion-based course offers students the change to explore these questions, and more. We'll examine relationships between philosophy, personal choice, and social change. You're invited to choose ideas or people you'd like to explore. No tests or quizzes. This course counts towards the Philosophy major and minor.
Typically offered: As Needed

PHI-4995 Independent Study in Philosophy (1-4 Credits)
Requisite(s): One 2000 level PHI course and Chairperson's approval.
allows the student to engage in a semester-long detailed examination of a philosophical topic of their choice under the direction of a faculty member.
Typically offered: As Needed

PHI-5401 Plato and Neo-Platonism (3 Credits)
Neoplatonism, a philosophical movement beginning with Plotinus, offers itself as an elucidation of what Plato really meant and a continuation of his thought. Along with Plato's philosophy itself, it has been profoundly influential on Western philosophy, mysticism, and literature. The two major sections of this seminar will be (a) a study of Plato, with particular attention given to the aspects of his thought emphasized by Neoplatonic thinkers; and (b) a study of Plotinus's philosophy in its triple dimension - as a reading of Plato, as a metaphysical system, and as a religious path. Since Neoplatonism did not immediately grow out of Plato, the seminar will examine more briefly, between these two sections, the key concepts of intervening philosophical systems that Neoplatonism either built itself against or incorporated (or both). The last section will be devoted to the later pagan Neoplatonists, and to the synthesis of Christian doctrine and Neoplatonic themes in two towering figures at the juncture of ancient and early-Medieval thought.
Typically offered: Fall Only

PHI-5402 The Infinite (3 Credits)
Cross-listed with: MAT-5400. 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.
Fulfills General Education Requirement: NPW, PEM
Typically offered: Spring Only

PHI-5403 Science Fiction and the Examined Life (3 Credits)
What is the nature of man? Does the existence of evil indicate the non-existence of God? How can a person tell reality from illusion? Why are we here? This seminar will examine these classic philosophical questions through significant works of science fiction that guide students toward ways of thinking about issues such as free will vs. determinism, cloning and genetic manipulation, the question of evil, reality vs. illusion, and the question of being itself (perhaps philosophy's largest and most significant question of all).
Typically offered: As Needed

PHI-5404 Existentialism: Philosophical Analysis Of Human Experience (3 Credits)
This course is designed to provide the student with an experience of reading, critically analyzing and discussing primary philosophical texts, in translation, which highlight the existentialist movement through the 19th and 20th centuries. Beginning with the premise that philosophy itself is less a body of rigid ideas or a mere collection of information, the so-called existentialist tradition portrays a wide range of perspectives on human experience and the uniqueness of human existence. This philosophical text-based study will be complemented by additional literary sources as well as films which serve to provide the student with a firm grounding in philosophical concepts, terminology and historical continuity of ideas in the Modern era.
Typically offered: As Needed

PHI-5405 Philosophy of Gender in Film (3 Credits)
By reinforcing, bending, or breaking stereotypes, gender in film can perpetuate prejudice, oppression, and discrimination, or can open new possibilities for expression, re-evaluation, and acceptance. Philosophy allows us to understand just how and why this is so. The philosophy of gender when applied to film articulates the meaning and ethical import of various representations of gender in movies. Readings in this course explore ethical and aesthetic issues of representations of gender in film, including but not limited to feminist criticisms of popular film, transgender characters and actors, masculine stereotyping in superhero and action film, and alternative or progressive representations of gender in specific films. Through the lens of philosophy, we will critically analyze creative works of cinema, being mindful of their social, cultural, and historical context, and discuss the ways they inform our understanding and experiences of gender, which also intersects with sexuality, race, class, and other related categories.
Fulfills General Education Requirement: PEM, HCE
Typically offered: Fall Only

PHI-5406 Myth and Social Order (3 Credits)
Philosophy is said to originate in mythology. But during the Enlightenment, philosophers imagined a world finally free from myth. The traditional superstitions inhibiting scientific and political progress could be set aside once and for all, they hoped. By the 19th century this fantasy was exposed as a myth too. Recent scholarship has rehabilitated myths and other traditional forms of discourse, refusing to dismiss them as mere products of the primitive mind. This seminar studies the stories we tell ourselves and each other about where we came from and where we are going. It does so through an examination of the development of reason in history. Such stories are the rhetorical vehicle for communicating important existential truths about us. Myths have the capacity to inspire but also to control, to promote as well as to threaten human maturity.
Fulfills General Education Requirement: PEM
Typically offered: Spring Only

PHI-5407 Genesis and the Meaning of Life (3 Credits)
This course will examine a series of questions about the meaning of life through the lens of the biblical book of Genesis in conjunction with major philosophical texts that address the same questions. Questions include, for example: Why is there something instead of nothing? Are human beings fundamentally bad? Why should we be moral? Do the ends justify the means? How can reproduction be just? This course will incorporate literary, historical, comparative religious, and philosophical analyses.
Fulfills General Education Requirement: PEM
Typically offered: As Needed

PHI-5433 Neo-Platonism (Honors) (3 Credits)
Honors seminar. An examination of the philosophical movement, beginning with Plotinus, and of its influence on Western philosophy, mysticism, and literature. The foundation of the course will be laid with a study of Plotinus's philosophy, in its triple dimension-as a reading of Plato, as a metaphysical system, and as a religious path. The Neo-Platonic vein will then be traced through medieval philosophy in the Christian, Jewish, and Islamic worlds; connections with Indian thought will also be considered. The continuing life of Neo-Platonic themes in modern philosophy and literature will finally be brought to light.
Typically offered: As Needed

PHI-6995 Independent Study in Philosophy (1-3 Credits)
Independent research and study in a topic in Philosophy including submission of a written report. Prerequisites: graduate standing and approval of the department chairperson.
Typically offered: On Demand

PHI-7342 Business Ethics (3 Credits)
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.

Physical Education (PE)

PE-1101 Teaching Soccer/Volleyball (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Theory, instruction, and practice in the fundamentals of team sports and games; techniques in soccer and volleyball, including coaching techniques.
Typically offered: Spring Only

PE-1102 Skills Activities II: Basketball, Baseball, Softball (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher.,Complete ED-2020 with a B grade or higher
Theory, instruction, and practice in the fundamentals of team sports and games; techniques in basketball, softball, and baseball, including coaching methods.

PE-1103 Skills Activities: Tennis (2 Credits)
Theory, instruction, and practice in individual and dual sports techniques in badminton, racquetball, and tennis, including coaching methods.

PE-1104 Teaching Badminton (2 Credits)
This course is designed to teach the students how to participate in the sport as well as teach the elements involved with badminton which includes the skills, various practice activities and the official rules. After the completion of this course the students will have the confidence to apply their abilities and their knowledge of Badminton to the teaching field and/or a recreational play environment.

PE-1106 Floor Hockey (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Theory, instruction, and practice in the fundamentals of team sports and games; techniques in hockey and team handball, including coaching methods.

PE-1107 Skills Activities: Track & Field (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Theory, instruction, and practice in the fundamentals of team and individual sports; techniques in football, track and field, and golf; includes coaching techniques.

PE-1109 Fitness Education and Assessment (2 Credits)
Teaching practices for physical activity and fitness concepts appropriate for children and adolescents in school, sport, and recreation programs. Physical Best certification will be offered. One lecture and one hour of lab per week.
Typically offered: Spring Only

PE-1143 Olympic Weightlifting (2 Credits)
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.

PE-1500 Personal Training (3 Credits)
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.

PE-2145 Dance Choreography (3 Credits)
Requisite(s): FIT-1145
Students will learn the components of dance choreography which include creativity, purpose, structure and organization. They will also analyze dance performances in their appropriate social, cultural, and historical context. Finally students will create and present their own original dance number.

PE-2202 History and Principles of Physical Education (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Introduction to the history and principles of physical education; current trends and problems in physical education are analyzed and evaluated.
Typically offered: Spring Only

PE-2208 Kinesiology (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
An introduction to the study of human movement. Sub-disciplines of kinesiology will be introduced and will include but not be limited to, exercise physiology, sports psychology and biomechanics.

PE-3100 Evaluation of Physical Education (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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.
Typically offered: Fall Only

PE-3200 Biomechanics (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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. Lab fee.
Typically offered: Spring Only

PE-3301 Advanced Concepts in Physical Education (2 Credits)
Requisite(s): Junior standing
A survey course designed to provide physical education students with an overview of the essential concepts and major areas that constitute knowledge and skills in physical education. Four subareas examined: physical fitness and health, lifelong movement activities and sports, personal growth and development, and the physical education program.
Typically offered: As Needed

PE-3304 Organization and Administration of Physical Education (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher,Cumulative 3.0 GPA or higher.
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.
Typically offered: Fall Only

PE-3305 Physiology of Exercise (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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.
Typically offered: Fall Only

PE-3306 Training Theory (3 Credits)
Training methods to improve strength, endurance, power, flexibility and overall fitness and conditioning.

PE-3308 Motor Learning (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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.
Typically offered: Spring Only

PE-3322 Introduction to Legal Issues (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Relates basic legal concepts to sport and physical education environments. Includes torts, contract law, constitutional law, negligence, and Title IX issues.
Typically offered: Fall Only

PE-4300 Curriculum and Methods of Instruction in PE, K-12 (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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 will be discussed.
Typically offered: Fall Only

PE-4301 Literacy Instruction in Physical Ed in PE, K-12 (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
This course is designed to develop the abilities of preservice physical education teachers to implement literacy instruction within physical education instruction in grades P-12. In addition to exploring the role of more traditional literacies, this course will also include a focus on discipline-specific literacy skills, including interpreting visual diagrams related to physical education, analyzing and evaluating live as well as recorded sports performances, and interpreting digital fitness data.
Typically offered: Fall Only

PE-4302 Physical Education for Students With Special Needs (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
An introductory course designed to provide pre-service physical education teachers with the knowledge and tools to successfully include students with disabilities in a quality physical education program, grades K-12. Topics include: least restrictive environment; IEP; legal mandates for physical education services: IDEA, Section 504, AD; unique characteristics of specific disabling conditions; various modifications to allow for individualizing instruction and for the inclusion of students with disabilities in games and activities.
Typically offered: Spring Only

PE-4500 Field Experience I (2 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
Observation and supervised experience of at least 100 hours in an area of the student's expressed professional interest.
Typically offered: On Demand

PE-4616 Psychology of Sport (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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.
Typically offered: Spring Only

PE-4990 Supervised Student Teaching (6 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Complete ED-2020 with a B grade or higher
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.
Typically offered: All Sessions

PE-4995 Independent Study in Physical Education (1-3 Credits)
Independent study and readings in an area of specialization in the discipline of physical education. Conferences, report, special project, or term paper.
Typically offered: On Demand

Physics (PHY)

PHY-1001 Physics and the Modern World (3 Credits)
This course is designed for non-science majors who desire a basic, practical 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. (Integrated class) Lab fee.
Fulfills General Education Requirement: NPW
Typically offered: All Sessions

PHY-2001 General Physics I (3 Credits)
Requisite(s): MAT-1107 or Higher (except MAT-2301),PHY-2001L
This course serves as an introduction to college-level-algebra-based physics and provides students with fundamental knowledge of physical processes. The course begins with the Laws of Motion and an investigation of dynamics. It then moves to a consideration of energy and the application of thermodynamic principles.
Typically offered: All Sessions

PHY-2001L General Physics I Laboratory (1 Credit)
Requisite(s): MAT-1107 or Higher (except MAT-2301),PHY-2001
This course is a co-requisite laboratory experience to complement PHY-2001. Students will conduct experiments that investigate the fundamental laws and concepts of motion and dynamic processes. Students will further investigate and apply the laws of thermodynamics. This is a 2-hour lab.
Typically offered: Fall Only

PHY-2002 General Physics II (3 Credits)
Requisite(s): PHY-2001,PHY-2001L,PHY-2002L
This course is a continuation of PHY 2001. Students will be introduced to electricity, magnetism, and wave behavior. An emphasis is placed on quantitative methods.
Typically offered: All Sessions

PHY-2002L General Physics II Laboratory (1 Credit)
Requisite(s): PHY-2001,PHY-2001L,PHY-2002
This course is a corequisite laboratory experience to complement PHY-2002. Students will conduct experiments that investigate the fundamental laws and concepts of sound, light, electricity, and magnetism. This is a 2-hour lab.

PHY-4995 Independent Study in Physics (1-4 Credits)
Requisite(s): #, Take 96 credits;
Individual research in an approved area. Library research, conferences, report, or special project. Approval of the department Chairperson is required.
Typically offered: As Needed

Political Science (PSC)

PSC-1000 Introduction to Political Science (3 Credits)
A survey of the discipline of political science with a focus on basic skills, key concepts, and analytical tools for success in the major. An introduction to careers and subfields of the discipline to help students identify potential career paths.
Typically offered: All Sessions

PSC-1100 American National Government (3 Credits)
The course offers a survey of American national government, its constitutional basis (the constitution, federalism, civil rights and liberties), its institutional structure (the branches of government), its underlying political processes (political parties, interest groups, media and elections), and its issue concerns (domestic and foreign policies).
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

PSC-1200 Understanding the Human Rights (3 Credits)
This course will examine significant violations of human rights within their historical context. The evolution of human rights as entities within a global political thought and practice will provide philosophical context. There will be a specific focus on human rights law and moral pressures concerning the relief, remedy, and prevention of injustices to victims of society from diverse perspectives. Students will be encouraged to rely on reasonable evidence and critical thinking when studying these historical controversies, rather than on biased accounts or emotional arguments. Each of these topics will be carefully studies to identify root causes and sources of problems and then to retrace the pathways of movements and policies that were developed to address them and improve societies.
Fulfills General Education Requirement: WHG
Typically offered: As Needed

PSC-2000 Comparative Government (3 Credits)
Requisite(s): PSC-1000/PSC-1202 or GLS-1101
The course introduces students to domestic politics and governments of wide-ranging countries. Identifying different aspects of politics at the domestic level (e.g., institutions, interests, and identities), the course focuses on prominent countries around the world like Britain, Germany, France, Russia, China, Japan, Mexico, Iran, and South Africa.
Typically offered: Fall Only

PSC-2001 Global Citizenship (3 Credits)
Requisite(s): GLS-1101 HIS-1200 or PSC-1200
This course intends to equip students with the knowledge and competencies of global citizenship-a term used for individuals who have a global mindset, i.e., the perceive, are aware of, and engage with global communities. Global citizens explore the complecities of global and local connections in issues such as global justice, human rights, climate change, and inequalities, among others, and are capable of proposing solutions considering different cultures and multiple points of view.

PSC-2100 International Relations (3 Credits)
Requisite(s): PSC-1000 or GLS-1101
The course covers major theoretical approaches to International Relations (IR). It reviews various topics in international security (like conflict, the use of military force and terrorism, and international organizations, law and human rights) and in international political economy (like trade, money and business, international integration, environment and population, the North-South gap, and international development).
Typically offered: Spring Only

PSC-2200 Public Policy (3 Credits)
Requisite(s): Any 1000 Level PSC course
A survey of public policy from the values informing democratic policymaking to the basics of cost-benefit and other tools of policy analysis. The course will integrate various social science disciplines to address the institutional arrangements for making public policy decisions, the role of various actors-including nonprofit and private-sector professionals in shaping policy outcomes, and the fundamentals of analytic approaches to public policy.
Typically offered: Spring Only

PSC-2203 International Human Rights & Humanitarian Law (3 Credits)
Requisite(s): Complete one of the following coures as the prerequisite:,HIS-1201, HIS-1203/PSC-1203, HIS 1302 or PSC-1202
This introductory course surveys the history of international human rights and humanitarian law both from a theoretical perspective as well as a case law perspective.

PSC-2401 Brazil: Economy, Politics and Business (3 Credits)
Requisite(s): ECO-1201
This course will examine Brazil's recent economic development, its social and political consequences, as well as the practical details of doing business in Brazil. Major political, social, and cultural developments in Brazil during the 20th and 21st centuries will be discussed, as well as issues like investment opportunities, foreign trade, regulatory environment, banking and finance, labor relations, general accounting practices, and taxation. The program is led by an SFC faculty member and taught in English by FACAMP instructors, a partner institution in Campinas, Brazil, for two weeks during the summer.
Typically offered: As Needed

PSC-2402 Metropolitan Government and Politics (3 Credits)
Requisite(s): PSC-1100
This course will examine the evolution of major metropolitan issues, agencies, and forms of government. Municipal governments dramatically impact the day-to-day lives of citizens. City governments impact policy areas from education and public safety to transportation, and they also address basic needs: making sure the trash gets taken out, the water runs, and that people are safe from crime. However, cities face serious limitation and political constraints when they choose to act. The course will include field trips to visit local governments and metropolitan agencies in the New York metropolitan area.
Typically offered: As Needed

PSC-2403 Campaigns and Electoral Behavior (3 Credits)
Requisite(s): PSC-1100
This course covers the essentials of political campaigns, election rules, and electoral politics. It emphasizes the institutions associated with political campaigns and the impact these institutions have on electoral behavior. Knowledge about competitive campaign plan. THe course will incorporate key theories about inter-party and intra-party electoral competition while analyzing the political incentives and tradeoffs which shape the actions of political candidates and determine their success in elections.

PSC-2406 International Relations (3 Credits)
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).
Typically offered: Spring Only

PSC-2408 State and Local Government (3 Credits)
Requisite(s): PSC-1100
This course examines the relationship between state/local governments and the federal government starting with the delineation of authority in the Constitution. It focuses on the basic institutions as well as a broad spectrum of public policy issues that affect governing in the states. The primary objective of the course is to acquaint students witht he complexities of state government and state politics. Upon successful completion of the course students should acquire considerable knowledge about comparative state government and politics in the states.

PSC-2501 Women and Politics (3 Credits)
Requisite(s): PSC-1000 or PSC-1100
This course analyzes women in American political life. It also examines the transforming impact that women's actions have on the political process and American political life and how politics impact on women in society in the cases of the rights of women in empowerment and education and familial and reproductive rights.

PSC-2502 Government and Business (3 Credits)
Requisite(s): Sophomore standing
This course teaches about government-business relations with a specific focus on the United States: Its early origin, evolution and general context, business influence on government, and the impact and relevance of various government policies for business.
Typically offered: All Sessions

PSC-3001 Politics of Latin America (3 Credits)
Requisite(s): PSC-2000 or PSC-2100
This course exposes students to Latin American politics: the historical, social, cultural, economic and international contexts of politics, political development, institutions and democracy in the region.
Typically offered: As Needed

PSC-3002 Politics of Africa (3 Credits)
Requisite(s): PSC-2000 or PSC-2100
The course presents a survey of the dynamic politics of Africa, covers historical, cultural, economic and global forces underlying this dynamism, and exposes students to significant variation in political oder, stability, political regimes and institutions and soci-economic development across the region.
Typically offered: Fall Only

PSC-3003 Politics of Asia (3 Credits)
Requisite(s): PSC-2000 or PSC-2100
This course exposes students to the politics of Asia: its historical, cultural and international context, regime types and political institutions, political culture, political enemy and public policy in the region.

PSC-3004 Politics of the Middle East (3 Credits)
Requisite(s): PSC-2000
This course presents a survey of the politics of the Middle East, covering a variety of issues in the region's politics like this historical making of the modern Middle East, the people, culture, economy and politics of the region, the Israeli-Palestinian conflict and the international politics of the region. It also offers select country profiles.
Typically offered: As Needed

PSC-3005 The United Nations (3 Credits)
Requisite(s): Take PSC-2000, PSC-2100 or GLS-1101
This course introduces students to the most important multilateral international organization in contemporary world politics: the United Nations (UN). Specifically, students learn about the origin and history of the UN, its structure, main bodies and agencies, and also challenges and opportunities that the UN faces in the 21st century.

PSC-3101 United States Congress (3 Credits)
Requisite(s): PSC-1100,ONE 2000 level or higher PSC course
This course is a study of the legislative power in the United States originating with the powers granted in the United States Constitution. Emphasis will be placed on the political dynamics shaping the institution as well as contemporary functions and procedures of Congress. Historical trends of the institution will be addressed to provide context for contemporary legislative politics.

PSC-3102 The American Presidency (3 Credits)
Requisite(s): Complete PSC-1100 (previously PSC-1204),1 course from subject PSC, level 2000 or higher
This course is a study of the executive power in the United States originating with powers granted in the United States Constitution. Emphasis will be placed on the political dynamics shaping the institution as well as contemporary functions and actions of the President. Historical trends of the institution will be addressed to provide context for contemporary executive politics.

PSC-3103 Law and American Judicial Process (3 Credits)
Requisite(s): PSC-1100,One 2000 Level or higher PSC course
This course is a study of the judicial power in the United States originating with powers granted in the United States Constitution. Emphasis will be placed on the political dynamics shaping the institution as well as contemporary functions and actions of the judiciary. Historical trends of the institution will be addressed to provide context for contemporary judicial politics.

PSC-3311 The Chinese Economy (3 Credits)
Requisite(s): ECO-1201
This course discusses the Chinese model of economic development focusing on its transformations since 1978, the changing relation between China and the United States, and consequences of China's rise as a global player.

PSC-3317 Africa Government and Politics (3 Credits)
Requisite(s): PSC-2301 or PSC-2406
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.

PSC-3401 Constitutional Law I: Government Structures (3 Credits)
Requisite(s): PSC-1100,ONE 2000 level or higher PSC course
This course examines the structures of American government as laid out by the United States Constitution primarily through a case law approach. This section of constitutional law will focus on the allocation of power among the branches of the federal government, the states and the people. Some fo the topics will include congressional and presidential power, the federal judiciary and the role of federalism. As the first section in constitutional law, this course will tie may of the legal areas to the constitutional theory of the founding generation and provide context for the development of constitutionalism in the United States.

PSC-3402 Constitutional Law II: Civil Liberties (3 Credits)
Requisite(s): PSC-1100 ,One 2000 Level PSC or CJ course
This course examines the rights and liberties granted to Americans as laid out by the United States Constitution primarily through a case law approach. This section of constitutional law will focus on those rights incorporated into the Bill of Rights and made applicable to the states through the Fourteenth Amendment. Emphasis will be given to freedoms granted by the First Amendment - freedom of speech, through, belief, and associate. The basic rights granted to individuals by the US Constitution will be discussed in depth as well as their implications and limits.
Typically offered: As Needed

PSC-3450 Political Science Research Methods (3 Credits)
Requisite(s): Junior standing and either PSC-1202 or PSC-1204
This course focuses on the conceptual and methodological processes used to test hypotheses, to gather data, to determine proper tests, and to 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. Open only to Junior and Senior Political Science majors.
Typically offered: Spring Only

PSC-3500 Political Theory (3 Credits)
Requisite(s): Take one 1000 Level PSC course,Take one 2000 Level PSC course
This course will explore influential thought concerning some of the biggest questions regarding society and the proper type of political regime. The course analyzes the greatest debates in political theory such as - What is the purpose of government? What is human nature? What is the good life? And how should we balance individual freedoms with communal responsibilities? To answer theses questions, students will be taught different frameworks of political thought and asked to utilize these frameworks to assess the ethics and morality of each approach.
Typically offered: Spring Only

PSC-3501 Political Themes in Media (3 Credits)
Requisite(s): Take one 1000 Level PSC course,Take one 2000 Level PSC course
This course will explore influential political themes in entertainment media. The entertainment industry engages with topics directly relevant to politics and political ideology. Some of the most famous and influential works deal with war, government corruption, conspiracy theories surrounding political figures, electoral campaigns, economics, and foreign policy. This course will focus on the narrative presented to us by the entertainers. Depending on the producer, the media's argument or stance on a political issue may be either explicit or subtle. Their goal may be to simply educate or stir the audience to action. We will discuss whether these works really convey historical reality, create mythology, or both. The course will engage with the political impacts of influential works, their reception, and the impact these political themes have on politics.
Typically offered: Spring Only

PSC-3997 Political Science Research Methods (3 Credits)
Requisite(s): PSC-1000,PSC-1100,PSC-2000,PSC-2100,Junior Standing
This course introduces students to basic concepts and skills for research in the field of political science and prepares them for thesis writing in their senior years. Students learn the stages of research: identifying questions, assessing existing literature, identifying the best research tools for those questions, identifying existing data resources, creating a research design for gathering new quantitative and qualitative data, analyzing and weighing different forms of data and drawing defensible conclusions.
Typically offered: Spring Only

PSC-4990 Internship (1-3 Credits)
Requisite(s): Any 1000 Level PSC course
Students may intern at approved sites under professional supervision. Internships are available with the national, state, and local governments. In addition, internships are available at the United Nations, law firms, museums, and historical societies. Internships must be approved by the department chairperson and are subject to availability.
Typically offered: All Sessions

PSC-4995 Independent Study (1-6 Credits)
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 will seek a departmental professor and they will draw up a contract specifying the nature of the work. A paper is usually required in this course.
Typically offered: As Needed

PSC-4998 Political Science Seminar (3 Credits)
Requisite(s): PSC-3997
This course provides general guidance and practical support to political science seniors in writing their senior thesis on a topic of their own choices in one of the subdisciplines of political science.
Typically offered: Fall Only

Project Management (PM)

PM-4010 Project Risk Management (3 Credits)
Requisite(s): IT-3301
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.
Typically offered: Spring Only

PM-4020 Finance for Project Managers (3 Credits)
Requisite(s): IT-3301
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.
Typically offered: Spring Only

PM-4030 Optimizing Project Management Teams (3 Credits)
Requisite(s): IT-3301
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.
Typically offered: Fall Only

PM-6000 Fundamentals of Project Management (3 Credits)
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.

PM-6010 Project Risk Management (3 Credits)
Requisite(s): PM-6000
This course focuses on the principles, strategies, and skills project managers need to successfully and proactively minimize and manage risks associated with projects in todays world. Students will learn how to identify, quantify, minimize, monitor and control project risks. They will learn how to distinguish between project risks, threats, opportunities, and obstacles, minimize project risks, maximize project opportunities, and manage project obstacles in order to achieve project success.
Typically offered: Summer Only

PM-6020 Finance for Project Mgrs (3 Credits)
Requisite(s): PM-6000
This course is designed to provide an overview of the financial aspects of project management. The students will learn the basic financial theory and see how it applies to business cases. 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.
Typically offered: Summer Only

PM-6030 Optimizing Project Management Teams (3 Credits)
Requisite(s): PM-6000
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.
Typically offered: Spring Only

PM-6995 Ind Stdy- Project Management (3 Credits)
Students who are enrolled in graduate study in Project Management may undertake independent study under the direction of a faculty member.

Psychology (PSY)

PSY-1000 Foundation in Information Literacy & Research (3 Credits)
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.
Fulfills General Education Requirement: ITML1
Typically offered: All Sessions

PSY-1100 General Psychology (3 Credits)
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.
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

PSY-1101 Intro: Psychological Research (4 Credits)
Requisite(s): PSY-1100,PSY-1101R
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.
Fulfills General Education Requirement: NPW
Typically offered: As Needed

PSY-1108 Life-Span Development (3 Credits)
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.
Fulfills General Education Requirement: SEH
Typically offered: As Needed

PSY-1114 Human Sexuality (3 Credits)
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.
Typically offered: All Sessions

PSY-1200 Professional Development in Psychology (1 Credit)
An overview of professional issues in psychology, including career options for students following bachelor and master's degrees, suggested elective choices for different career paths, and ethical and professional issues will be discussed. The course must be completed prior to the required internship in junior or senior year (PSY 4420).
Typically offered: All Sessions

PSY-2100 Introduction to Psychological Research (4 Credits)
Requisite(s): PSY-1100
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 research, and conduct simple studies to illustrate what has been learning in PSY 1100. Students also learn APA style and basic methods of analyzing data using computer software such as SPSS. A grade of C or better in this course is required to continue in the psychology major/minor program.
Fulfills General Education Requirement: NPW
Typically offered: As Needed

PSY-2130 Addictions I (3 Credits)
Requisite(s): PSY-1100 or SOC-1000
This course will review research, theories, and interventions used in the assessment and treatment of different types of addictions including, but not limited to, substance-abuse and gambling. It builds upon introductory psychology courses and lays a foundation for those students who may be interested in working with populations influenced by addiction. Biopsychological as well as behavioral addictions will be covered.

PSY-2131 Addictions II (3 Credits)
Requisite(s): CJ-3070 or PSY-2130
Review of therapeutic techniques for all forms of addictive behavior.

PSY-2201 Developmental Psychology I (3 Credits)
Requisite(s): WRI-1100
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.
Fulfills General Education Requirement: SEH

PSY-2202 Developmental Psychology II: Adulthood And Aging (3 Credits)
Requisite(s): WRI-1100
A study of the adult cycle examining the physical, cognitive, emotional, and behavioral changes throughout early, middle, and late adulthood. These aspects of development will be studied within the context of family, culture and environment. Topics include: theories of aging, age-related changes in cognitive processes, intellectual functioning, personality; social relationships, career and educational aspects, as well as physiological changes and psychopathology associated with aging. Multicultural issues will be addressed as they relate to different development periods of aging.
Typically offered: Spring Only

PSY-2209 Introduction to Positive Psychology (3 Credits)
Requisite(s): PSY-1100
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.
Typically offered: Spring Only

PSY-2217 Industrial and Organizational Psychology (3 Credits)
Requisite(s): PSY-1100, SOC-1000 or BUS-1001
Psychological theories, methods, research, and specific applications concerning work behavior are discussed. Topics will include selection and evaluation of personnel, training and development, leadership, work motivation, psychological conditions of work, consumer psychology, and the role of psychologists in business environments.
Typically offered: As Needed

PSY-2229 Psychology of Women (3 Credits)
Requisite(s): PSY-1100 or SOC-1000
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.
Typically offered: As Needed

PSY-2230 Educational Psychology (3 Credits)
Requisite(s): PSY-1100
This course applies psychological theories and research findings to educational practices of teaching, learning, and classroom management. Topics include human growth, development, and learning theories, effective teaching methods, instruction and classroom management skills, and technology-assisted education. A grade of B or higher in this course is required for admission into the teacher education program, and a field experience for 15 hours is also included.

PSY-2233 The Psychology of the Exceptional Child (3 Credits)
Requisite(s): Minimum GPA 2.75,PSY-1100
Considers the physical, intellectual, emotional, and social characteristics of the atypical child. It explores discrepancies in growth and development, learning disabilities, behavioral and societal problems of the gifted and handicapped, and the implications for curriculum and instruction to meet and exceed state and local learning standards. This course fulfills part of the Special Education requirement for NY State Certification and New York City teaching licenses.
Typically offered: As Needed

PSY-3300 Statistical Methods in Psychology (4 Credits)
Requisite(s): MAT-1104 or higher, ,PSY-2100
Covers the use of statistics in psychology including descriptive and inferential techniques, prediction, and tests of significance. The use of computer programs such as SPSS in statistical analysis is emphasized. Prepares students for employing statistical analyses during the thesis sequence in PSY 4998/4999.
Typically offered: All Sessions

PSY-3301 Qualitative Research in Psychology (3 Credits)
Requisite(s): PSY-3300
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.
Typically offered: All Sessions

PSY-3305 Learning & Memory (3 Credits)
Requisite(s): PSY-2100,Two 2000-level PSY courses
This course will provide you with an introduction to the principals of learning theory as well as discussions of significant research findings in the areas of learning, memory, motivation, and behavior modification.
Typically offered: Spring Only

PSY-3307 Theories of Personality (3 Credits)
Requisite(s): PSY-2100,Two 2000-level PSY courses
A comparison of principal personality theories with special focus on the development of personality as well as its structure and behavioral implications.
Typically offered: Spring Only

PSY-3312 Social Psychology (3 Credits)
Requisite(s): PSY-2100,Two 2000-level PSY courses
This course is designed to provide an overview of social psychology and to discuss applications of the material to your everyday life. Research related to cognition, attitudes, persuasion, conformity, dissent, and the power of group situations will be discussed. We will also focus on interpersonal processes with special attention to both prosocial and antisocial behaviors. 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) will be addressed.
Typically offered: Fall Only

PSY-3320 Cognitive Psychology (3 Credits)
Requisite(s): PSY-2201,Two 2000-leve PSY courses
This course is an introduction to the science of cognitive psychology. Generally speaking, cognition deals with information processing and problem solving. In this course we will discuss the cognitive approach to psychology which looks at humans as a complex computer. There is input, processing aspects, and output. In our case the input is from our senses, the processor is our brain, and the output is an observable behavior. We will cover topics such as perception, concept formation and category learning, language, decision making, and memory.
Typically offered: As Needed

PSY-3380 Cross-Cultural Psychology/Communication (3 Credits)
Requisite(s): GLS-1240 or GLS-1241 OR One of the following PSY-2100,,PSY-2201 or,PSY-2202
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, development, cognition, emotion, prejudice, views of morality, attractiveness, cultural competence, and mental health issues (in and across societies) will be introduced and discussed.
Typically offered: Spring Only

PSY-3381 Children and Adolescents in a Cross-Cultural Perspective (3 Credits)
Requisite(s): PSY-3380
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.

PSY-3401 Forensic Psychology (3 Credits)
Requisite(s): PSY-2100 (previously PSY-1101), Two 2000-level or higher PSY courses
Explores the field of forensic psychology including landmark legal cases relevant to psychology, potential careers in forensic psychology, expert testimony, forensic psychological assessment, psychopathy, ethics, and issues in working in the juvenile justice system.
Typically offered: All Sessions

PSY-3402 Health Psychology (3 Credits)
Requisite(s): PSY-2100 (previously PSY-1101), Two 2000-level or higher PSY courses
Theoretical and applied perspectives on health behavior and change. Topics include stress, illness, social support, risky health behavior, health promotion and prevention.
Typically offered: All Sessions

PSY-3403 Industrial/Organizational Psychology (3 Credits)
Requisite(s): PSY-2100 (previously PSY-1101), Two 2000-level or higher PSY courses
This course examines major theories in IO Psychology and delves into ethical, legal, and social issues in organizations and the workplace. Topics include: motivation, attitudes, and the emotions in the workplace, diversity and social justice issues, training and development, leadership, and group dynamics in organizations.
Typically offered: All Sessions

PSY-3409 Abnormal Psychology (3 Credits)
Requisite(s): PSY-2100 (previously PSY-1101), Two 2000-level or higher PSY courses
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.
Typically offered: All Sessions

PSY-3411 History and Systems of Psychology (3 Credits)
Requisite(s): PSY-2100,Two 2000-Level PSY courses
The history of modern psychology since the 17th century. Emphasis is placed upon the major schools of thought including structuralism, functionalism, behaviorism, psychoanalysis, and humanistic psychology.
Typically offered: As Needed

PSY-4000 Seminar in Psychology (3 Credits)
Requisite(s): Four PSY courses at 3000 and 4000 level. One course must,be PSY-3380 (Cross-Cultural Psychology) or PSY-3411
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, relationships and attachment, animal cognition and behavior.
Typically offered: Fall and Spring

PSY-4001 Seminar: Intro to School Psychology (3 Credits)
Requisite(s): Four PSY courses
This course covers one particular topic for each section offered. Topics include but are not limited to the psychology of multiculturalism, cross-cultural and international psychology, school psychology, clinical and counseling psychology, health psychology, and forensic psychology. Topics are chosen to reflect both the interests of the students and current areas of concern in psychology. Students are allowed to take two seminar courses.
Typically offered: Fall Only

PSY-4002 Seminar: Clinical Psychology (3 Credits)
Requisite(s): Four PSY courses
This course covers one particular topic for each section offered. Topics include but are not limited to the psychology of multiculturalism, cross-cultural and international psychology, school psychology, clinical and counseling psychology, health psychology, and forensic psychology. Topics are chosen to reflect both the interests of the students and current areas of concern in psychology. Students are allowed to take two seminar courses.
Typically offered: Spring Only

PSY-4003 Seminar: International Psychology (3 Credits)
Requisite(s): Four PSY courses
This course covers one particular topic for each section offered. Topics include but are not limited to the psychology of multiculturalism, cross-cultural and international psychology, school psychology, clinical and counseling psychology, health psychology, and forensic psychology. Topics are chosen to reflect both the interests of the students and current areas of concern in psychology. Students are allowed to take two seminar courses.

PSY-4004 Seminar: Multiculturalism (3 Credits)
Requisite(s): Four PSY courses
This course covers one particular topic for each section offered. Topics include but are not limited to the psychology of multiculturalism, cross-cultural and international psychology, school psychology, clinical and counseling psychology, health psychology, and forensic psychology. Topics are chosen to reflect both the interests of the students and current areas of concern in psychology. Students are allowed to take two seminar courses.
Typically offered: Spring Only

PSY-4005 Seminar: Human Resources (3 Credits)
Requisite(s): Four PSY courses
In this course, students will examine the various functions within the discipline of Human Resource Management. Students will explore the responsibilities within the four major areas of the discourse including Training and Development, Recruitment and Selection, Compensation and Benefits, and Employee Relations. Students will engage the material through methodologies such as mock interviews, class discussions, and analytical review of case studies, reading, reflection writing, and presentations.
Typically offered: Spring Only

PSY-4006 Seminar: Multicultural Counseling and Healing (3 Credits)
Requisite(s): Four PSY courses
This seminar focuses on multicultural counseling, psychotherapy, and healing as seen from a global perspective. Topics of the seminar include the role of culture in the treatment of culturally diverse population in the United States; shamanism; healing and therapeutic traditions in Africa, Asia, the Americas, and the Arab world; the role of women as healers; psychological principles common to therapy and healing across cultures; counseling refugees; and others. The seminar also includes discussions of the role of religion in traditional healing rituals. The readings include a handbook on culture and healing as well as preprints of a forthcoming book on multicultural counseling, both edited by the instructor. The seminar is especially appropriate for juniors and seniors with a background in psychology in other social sciences. Participants in the seminar will be asked to give a class presentation on a topic of their choice. The course can be used to fulfill the seminar requirement for psychology majors or may be used as a psychology elective.

PSY-4007 Seminar: Sports Psychology Healing (3 Credits)
Requisite(s): Four PSY courses
This course is designed to help students both learn and then apply practical as well as theoretical information as it relates to the psychology of sport. Various mental training skills that can enhance one's athletic performance will also be covered. Some of the areas related to this class that will be explored this semester include stress, motivation, goal-setting, leadership, and imagery. Our personality, as it relates to athletic competition, as well as competition in the real world, will also be investigated.
Typically offered: Spring Only

PSY-4008 Seminar: Mental Health and Technology (3 Credits)
Requisite(s): Four PSY courses,
This course will discuss the use of technology in the delivery of mental health care (MHC). This new and growing modality has important potential for improving the data collection for research designed to develop and measure evidence-based MHC. Technology, such as new powerful computers and servers, including cloud services, are used to develop and deliver health care to nearly every location in the United States and globally to millions of people in other countries. Students will learn about the technology-based modalities used for the delivery of MHC and will review the future challenges for mental health technologies.
Typically offered: Spring Only

PSY-4009 Seminar: Positive Psychology (3 Credits)
Requisite(s): Four PSY courses,
Compelling evidence that individuals can increase their happiness by identifying and utilizing their signature strengths has been found in the research on positive psychology. This course will focus on the paradigm shift from pathology to strengths-based psychology in the rapidly growing field of positive psychology. Designed to explore the contemporary research on the science of happiness and meaning as the central theme of positive psychology, we will explore the variables critical to maximizing human potential and fulfillment. Course topics will include: optimism, life satisfaction, emotional intelligence, nature of meaning and purpose, humor, signature strengths, self-esteem and sense of self. Additionally, the course will examine how concepts in positive psychology can inform interventions in areas such as personal relationships, family, parenting, school, work and leisure.

PSY-4010 Seminar: Clinical and Counseling Psychology (3 Credits)
Requisite(s): Four PSY courses
This seminar is designed to introduce you to the principle concepts involved in the fields of clinical and counseling psychology. The course will require integration of knowledge from other psychology courses (e.g., general, abnormal) as well as the ability to apply new material. The purpose of this seminar is to familiarize you with the disciplines of clinical and counseling psychology and to teach basic therapeutic techniques.

PSY-4011 Seminar: Intro to Comparative Cognition (3 Credits)
Requisite(s): Four PSY courses
This course is an introduction to the field of comparative cognitive - a growing field in psychology. We will discuss the pros and cons of cross species comparisons as well as delving into the various research methods employed when working with nonhuman subjects. Topics covered will include basic experimental design, intelligence and consciousness, logic, concept formation, language studies with apes and marine mammal species, self-awareness, culture, and ethics.
Typically offered: On Demand

PSY-4012 Seminar: Behavior Modification (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level,
This course is based upon the Psychology of learning and reviews some basic concepts in the study of learning. Lectures then move on to focus on the various forms of behavioral treatments for psychological disorders. It includes a 15-hour field placement in a behavioral treatment setting which can include schools and mental health treatment programs. Open to Psychology Majors and other majors with permission.

PSY-4013 Sem: Human Life Cycle in Cross Cultural Perspective (3 Credits)
Cross-cultural psychologists, anthropologists and historians have studied the human life cycle in a considerable variety of Western and non-Western cultures. In this context, infancy, childhood, and adolescence have received special attention. This course includes a broad selection of primary sources that portray how humans all around the world have conducted and reflected upon their lives. Students will be exposed to cutting-edge research in international psychology and anthropology.

PSY-4014 Seminar: Marine Animal Behavior (3 Credits)
Cross-listed with: BIO-1102, BIO-4000 and BIO-5401. Discussion and analysis of problems in psychology that are not covered in regular course work. The general content of the course consists of biological and ecological effects on animal behavior in a marine environment. The specific content of the course will remain flexible in response to student and departmental interest. Course requires travel. Contact Dr. Biolsi in the Psychology Department at kbiolsi@stfranciscollege.edu

PSY-4015 Seminar on the Human-Animal Interaction: Animal Assisted Therapy and Activities (3 Credits)
Requisite(s): 3 PSY courses from 3000/4000 levels
This course will broadly focus on the relationships and interactions between humans and nonhuman animals. Theoretical and practical aspects will be discussed in regards to Animal Assisted Therapy (AAT) and Animal Assisted Activities (AAA). Specifically, we will discuss interactions with animals as therapeutic treatments in a hospital or home environment, as well as animals that assist individuals such as in the case of search and rescue as well as those who assist with various handicaps (e.g., seeing-eye dogs).
Typically offered: As Needed

PSY-4016 Seminar: Cognitive Neuroscience (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
This course is an extension of psychobiology. We will review and discuss the anatomy of the nervous system and there will be a demonstration of a brain dissection for those who are interested. The focus of the course will be the physiological underpinnings of various psychological phenomena such as phantom limbs, aphasia, perception, concept formation, language, decision making, and memory. We will also study and discuss current techniques used to investigate the biological aspects of our mind, such as MRI, PET scan and TMS.

PSY-4017 Seminar:Attachment and Attraction The Science of Human Relationships (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
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 objectives include (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.

PSY-4018 Seminar:Decision Making & Prob Solving The Science of Human Relationships (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
The goal of this course is to support the development of critical thinking skills and to provide students with a more complete foundation for decision making. Various problem solving strategies will be discussed such as persuasion, probability, logic, and framing. We will discuss real world scenarios, such as advertising, and how our decision making process is effected by both conscious and non-conscious psychological processes.

PSY-4019 Seminar: Marine Mammal Cognition (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
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.

PSY-4020 Seminar: Forensic Psychology (3 Credits)
Requisite(s): PSY-1101 ,Two PSY courses at 3000/4000 Level
This course is an introduction to the science of forensic psychology. Students will be exposed to the psychological and legal issues relevant to various specialties within the field including adjudicative competence, security clearances and parental fitness. Other areas covered include overview of the American legal system; an overview of the American mental health system; legal research and writing; psychological research and writing; ethical issues in forensic psychology; legal ethics; and career choices.

PSY-4021 Seminar: Introduction to Animal Assisted Therapy (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
This course introduces a rationale and theoretical framework for students interested in animal-human bonds and how these can produce psychological and physical health benefits. Special populations for which AAT will be considered include geriatric and Alzheimer's patients in long-term health care facilities, children with psychological disturbance, veterans and domestic violence survivors diagnosed with PTSD (post-traumatic stress disorder). This course will aid students in introducing AAT as an adjunct to the existing practice of an agency or provider.

PSY-4022 Seminar: Health Psychology Therapy (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
This course will examine how psychological, biological, and social factors affect physical and mental health. The course will examine theoretical and empirical research in psychology and related fields and cover a number of topics such as theories of health promotion and prevention, personality and health, the psychology of risky health behaviors, stress, coping with chronic illness, psychoneuroimmunology, social relationships and health, and psychological barriers to health behavior change. The course will be taught primarily from a social-psychological perspective but will also draw from other perspectives such as clinical psychology.

PSY-4023 Seminar: Persuasion & Propaganda Therapy (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
This course will examine the use of persuasion and propaganda from psycho-socio-political viewpoints. Persuasion permeates our lives. Everyday we are inundated with persuasive messages, whether it is from the media, our politicians, the food labels we see in our grocery stores, or individuals selling a product. Research has shown that individuals are susceptible to persuasion, so much so that many of our choices and life decisions are swayed without our knowledge or understanding of how or why we make the choices that we do. Being informed and prepared are some of basic tools needed to overcome the traps of persuasion. Students will benefit from this seminar in that critical thinking and perspective taking are part and parcel to seeing through or even developing persuasive techniques. An interdisciplinary focus will enhance an appreciation of how politics, the media and societal trends are undoubtedly interrelated.

PSY-4024 Human Morality in Cultural Perspective (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
Many scholars and researchers in various disciplines such as philosophy, psychology, education, business, medical fields, and so on have studied human moral behaviors, broadly defined, because understanding human morality helps us widen our world view, establish ways of life desirable and contributing, develop safe and fair societies as well as sharpen our critical thinking skills and grow as matured citizens. Particularly if we approach human morality from cultural perspective, it can lead us to appreciate the importance of diversity in societies and equip oneself with openness, generosity, and harmonious life styles. This course provides an overview of the philosophical underpinnings and the empirical (psychological) research findings on human morality in cultural (as well as universal) perspective. The first phase of the course presents the philosophical foundations of the current understanding of morality. And then, it introduces various empirical approaches to human morality in, for example, evolutionary, neuroscientific, psychological, and educational fields. Finally, the course unfolds cultural aspects of morality to help students construct more comparable and realistic views and understanding of human. Students will read, understand, and discuss topics in book chapters as well as published studies in academic journals. Students' achievements will be assessed by their participation to class discussions, responses to reading questions, three commentary essays on readings/discussions, and a final paper.

PSY-4025 Seminar: Humanistic Psychology (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
This course is designed to assist you in understanding the origins and development of humanistic psychology. Humanistic Psychology serves as an orientation to experience psychology from a holistic standpoint. In other words, 'the psychology of being human' demonstrates respect for the dignity of human worth, open-mindedness towards differential approaches to the human experience, and interest in the exploration of novel ways of human thought and behavior. We will examine the theories of humanistic psychology and implore a strong 'theory of mind' to understand humanistic psychological practices.

PSY-4026 Seminar: Psychology of Emotions (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
This course will provide an examination of theoretical perspectives and research on human emotions. Course topics will include: basic emotional processes, emotion regulation, emotional awareness, as well as the role of emotions in psychiatric disorders.

PSY-4027 Psychotherapy Across Rel Communities (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
This course surveys central issues in the psychology of religion and spirituality, with an emphasis on psychotherapy, measurement, and research methods. It covers the foundations and history of the psychology of religion, religion through the developmental lens, the construction, definition, and expression of religion and spirituality, multicultural issues, clinical competency, and applied areas.

PSY-4028 Seminar: Psychology of Prejudice & Discrimination (3 Credits)
Requisite(s): PSY-1101 and 2 PSY courses at 300/400 level
This course will provide an overview of theoretical perspectives, research methods, empirical findings, and practical applications of psychological research on prejudice and discrimination. We will examine in depth, several issues that are central to research in this area. The topics include, but are not limited to: the development of prejudice among children, the role of cognitive, social, personality, and motivational factors in maintaining prejudice, the psychological consequences of prejudice and discrimination, research on specific types of prejudice such as racism, sexism, and ageism, and strategies for reducing prejudice, discrimination, and intergroup conflict.

PSY-4029 Sem: Child/Adol in Global Societies (3 Credits)
Requisite(s): Four PSY courses
During the last several decades, scholars and researchers in various disciplines have studied how children and adolescents develop in societies across the globe. In this context, such topics as infants' early interaction with caregivers, children's socialization throughout the school-ages, and adolescents' self-seeking journey have been popularly examined in terms of cultural specificities. More recently, however, as globalization prevails from one place to another into more profound levels, the developmental trends of those young generations seem to evolve in some directions that we have never seen or experienced. This course reviews the cornerstones of developmental theories and findings in many Western and non-Western cultures and explores new globalization trends in developmental pathways of children and adolescents. Students will be required to read (book chapters, academic journal articles, and non-profit organizations' trends reports), watch (documentary video clips), and discuss in class. To ensure a realistic understanding of readings and materials, each student will explore specific childrearing or adolescent-developing culture or topic and give a class presentation.
Typically offered: On Demand

PSY-4360 Psychobiology (3 Credits)
Requisite(s): BIO-1101,PSY-2100,Two 3000 or 4000-level PSY courses
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.
Typically offered: Spring Only

PSY-4420 Applied Psychology (3 Credits)
Requisite(s): PSY-1200 requested for ,PSY-3380 or PSY-3411
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 Students are assisted in clarifying their career-related goals. Requires 100-hours of supervised field experience that is pre-approved by the professor.
Typically offered: All Sessions

PSY-4461 Sensation and Perception (3 Credits)
Requisite(s): PSY-1101/PSY-2100,Two PSY courses at the 300 400 level,BIO-1101
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.
Typically offered: Spring Only

PSY-4990 Field Experience in Psychology I (1-3 Credits)
Requisite(s): PSY-4420,Instructor approval required
The course provides students with an opportunity to spend a semester working in an approved applied seeting in a field of their choosing while working closely with one faculty member. It consists of observation and supervised experience within selected applied settings.
Typically offered: All Sessions

PSY-4991 Field Experience in Psychology II (1-3 Credits)
Requisite(s): PSY-4990
The course provides students with an opportunity to spend a semester working in an approved applied setting in a field of their choosing while working closely with one faculty member. It consists of observation and supervised experience within selected applied settings.
Typically offered: All Sessions

PSY-4995 Independent Research in Psychology I (1-3 Credits)
Requisite(s): PSY-4999,Department Chairman approval required
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
Typically offered: All Sessions

PSY-4996 Independent Study in Psychology II (1-3 Credits)
Requisite(s): PSY-4995,Department Chairman approval is required
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.
Typically offered: All Sessions

PSY-4998 Experimental Psychology I (4 Credits)
Requisite(s): PSY-3300, and must be a junior or senior
The first course in a two-semester senior thesis requirement for all psychology majors (see PSY4999). 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.
Typically offered: Spring Only

PSY-4999 Experimental Psychology II (4 Credits)
Requisite(s): PSY-4998, and must be a junior or senior
A continuation of Experimental Psychology I (PSY4998). 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 PSY4498, 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.
Typically offered: Fall Only

PSY-5419 Seminar: Marine Mammal Cognition (3 Credits)
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.
Fulfills General Education Requirement: NPW, WHG

PSY-5420 Human Morality in Cultural Perspective (3 Credits)
Many scholars and researchers in various disciplines such as philosophy, psychology, education, business, medical fields, and so on have studied human moral behaviors, broadly defined, because understanding human morality helps us widen our world view, establish ways of life desirable and contributing, develop safe and fair societies as well as sharpen our critical thinking skills and grow as matured citizens. Particularly if we approach human morality from cultural perspective, it can lead us to appreciate the importance of diversity in societies and equip oneself with openness, generosity, and harmonious life styles. This course provides an overview of the philosophical underpinnings and the empirical (psychological) research findings on human morality in cultural (as well as universal) perspective. The first phase of the course presents the philosophical foundations of the current understanding of morality. And then, it introduces various empirical approaches to human morality in, for example, evolutionary, neuroscientific, psychological, and educational fields. Finally, the course unfolds cultural aspects of morality to help students construct more comparable and realistic views and understanding of human. Students will read, understand, and discuss topics in book chapters as well as published studies in academic journals. Students' achievements will be assessed by their participation to class discussions, responses to reading questions, three commentary essays on readings/discussions, and a final paper.
Fulfills General Education Requirement: PEM, WHG

PSY-5470 Seminar: Children and Adolescents In a Cross-Cultural Perspective (3 Credits)
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. Open to Honors Students
Fulfills General Education Requirement: SEH, WHG

PSY-6205 Behavioral Perspectives in Learning and Motivation (3 Credits)
Graduate students only. 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.
Typically offered: As Needed

PSY-6207 Psychological Assessment and Diagnosis (3 Credits)
Graduate students only. This course aims at familiarizing students with the field of psychological assessment. The course is designed to develop in students a high level of competence in this discipline by providing up-to-date practical, research, and theoretical information. The emphasis of the course is on measuring behaviors in applied settings and in discussing the practical benefits and the important limitations of psychological assessment.
Typically offered: As Needed

PSY-6213 Group Theory and Counseling (3 Credits)
Requisite(s): PSY-6205
Graduate students only. Provides a conceptual and experiential introduction to group dynamics. Foci 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.
Typically offered: As Needed

PSY-6233 Psychological Aspects of Disabilities (3 Credits)
Graduate students only. 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.
Typically offered: Fall Only

PSY-6360 Cognitive Neuroscience (3 Credits)
Requisite(s): PSY-6205
Graduate students only. 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
Typically offered: As Needed

PSY-6380 Psychology of Diversity Motivation (3 Credits)
Requisite(s): Complete PSY-6205.
Graduate students only. 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.
Typically offered: As Needed

PSY-6401 Foundations of Counseling Theory and Clinical Assessment (3 Credits)
Requisite(s): PSY-6205
Graduate students only. 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.
Typically offered: As Needed

PSY-6995 Independent Study in Psychology (1-4 Credits)
Graduate students only. Independent research and study in a topic in Psychology including submission of a written report. Prerequisites: graduate standing and approval of the department chairperson.
Typically offered: On Demand

PSY-7012 Behavioral Assessment and Intervention (3 Credits)
Requisite(s): PSY-6205
Graduate students only. 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.
Typically offered: As Needed

PSY-7101 Professional Issues and Ethics (1 Credit)
Requisite(s): PSY-6205
Graduate students only. 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
Typically offered: As Needed

PSY-7330 Adv. Experimental Methods & Statistics (3 Credits)
Requisite(s): PSY-6205
Graduate students only. 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.
Typically offered: As Needed

PSY-7400 Graduate Seminar (2 Credits)
Requisite(s): PSY-6205
Graduate students only. 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.
Typically offered: As Needed

PSY-7990 Supervised Practicum I (3 Credits)
Graduate students only. 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
Typically offered: As Needed

PSY-7991 Supervised Practicum II (3 Credits)
Requisite(s): PSY-7990
Graduate students only. 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
Typically offered: As Needed

PSY-7998 Supervised Thesis I (3 Credits)
Graduate students only. 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.
Typically offered: As Needed

PSY-7999 Supervised Thesis II (3 Credits)
Requisite(s): PSY-7998
Graduate students only. 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).
Typically offered: As Needed

Radiation Therapy (RTT)

RTT-1000 Introduction to Radiation Therapy (1-12 Credits)
This course is designed to provide an overview of cancer and the specialty of radiation therapy. The current aspects of cancer treatment will be covered. The roles and responsibilities of the radiation therapist will be discussed. In addition, treatment prescription, techniques and delivery will be covered.
Typically offered: All Sessions

RTT-1010 Medical Terminology (1-12 Credits)
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.
Typically offered: All Sessions

RTT-1020 Anatomy and Physiology I (2-12 Credits)
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.
Typically offered: All Sessions

RTT-1030 Introduction to Physics I (3-12 Credits)
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.
Typically offered: All Sessions

RTT-1040 Patient Care I (2-12 Credits)
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.
Typically offered: All Sessions

RTT-1050 Clinical Radiation Therapy (2-12 Credits)
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.
Typically offered: All Sessions

RTT-1050L Clinical Radiation Therapy Lab (1-12 Credits)
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.
Typically offered: All Sessions

RTT-1080 Clinical Education I (2-5 Credits)
This course is designed to provide an introduction to the hands-on practice of radiation therapy. This will be accomplished by 5 weeks of intensive on-campus clinical preparation which will include Radiation Safety, Blood Borne Pathogens, CPR, basic introduction to clinical equipment, Clinical Vocabulary, Topographical Anatomy, Linear Accelerator, History of Radiation, Medical Imaging, Brachytherapy, and CT Simulation. Students will then be introduced to the clinical setting where they will be oriented to the facility and observe clinical staff in performance of their duties. 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. Student achievement of course objectives is documented by the completion of mid-term and end-of-term evaluations.
Typically offered: All Sessions

RTT-1090 Ethics and Law (1-12 Credits)
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.
Typically offered: All Sessions

RTT-1100 Imaging and Processing (2-12 Credits)
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.
Typically offered: All Sessions

RTT-1120 Anatomy and Physiology II (2-12 Credits)
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.
Typically offered: All Sessions

RTT-1130 Introduction to Physics II (2-12 Credits)
This course is designed to expound on the student's knowledge of atomic structure and terminology. The fundamentals of electromagnetic radiation, the characteristics of radiation, its interactions with matter and the units of measurement of ionizing radiation are presented.
Typically offered: All Sessions

RTT-1141 Patient Care II (2-12 Credits)
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.
Typically offered: All Sessions

RTT-1150 Introduction to Radiation Oncology (2-12 Credits)
This course is designed to provide the student with the basics of clinical radiation oncology and the specialty of radiation therapy. The current aspects of cancer treatment will be covered. The roles and responsibilities of the radiation therapist will be discussed. In addition, treatment prescription, techniques and delivery will be covered.
Typically offered: All Sessions

RTT-1160 Radiation Protection (1-12 Credits)
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.
Typically offered: All Sessions

RTT-1170 Pathophysiology (2-12 Credits)
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.
Typically offered: All Sessions

RTT-1180 Clinical Education II (2-5 Credits)
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 Patient Care, to the clinical setting. The student will be given the opportunity to acquire specific patient care skills in the treatment room or simulator to which he/she is assigned. Student achievement of course objectives is documented by the completion of mid-term and end-of-term evaluations. Students assigned to simulation must demonstrate simulator objectives and perform the related competencies by the end of the term.
Typically offered: All Sessions

RTT-1191 Treatment Planning I (2-12 Credits)
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.
Typically offered: All Sessions

RTT-1280 Clinical Education III (2-5 Credits)
This course is designed to provide an opportunity for the student to apply his or her recently completed didactic coursework to the clinical setting. In addition to expanded objectives and competencies on the treatment units, the student will present a case study and research paper based on the theoretical content researched. Students assigned to simulation must demonstrate simulator objectives and perform the related competencies by the end of the term.
Typically offered: All Sessions

RTT-2020 Radiation Biology (2-12 Credits)
This course is designed to present basic concepts and principles of radiation biology. The interactions of radiation with cells, tissues and the body as a whole, and resultant biophysical events will be presented. Discussion of the theories and principles of tolerance dose, time-dose relationships, fractionation schemes and the relationship to the clinical practice of radiation therapy will be discussed, examined and evaluated.
Typically offered: All Sessions

RTT-2031 Radiation Therapy Physics (2-12 Credits)
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.
Typically offered: All Sessions

RTT-2040 Radiation Oncology Nursing (2-12 Credits)
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.
Typically offered: All Sessions

RTT-2050 Radiation Therapy Techniques I (2-12 Credits)
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.
Typically offered: All Sessions

RTT-2080 Clinical Education IV (2-5 Credits)
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. Students assigned to simulation must demonstrate simulator objectives and perform the related competencies by the end of the term.
Typically offered: All Sessions

RTT-2090 Quality Management & Operational Issues (2-12 Credits)
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.
Typically offered: All Sessions

RTT-2141 Treatment Planning II (2-12 Credits)
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.
Typically offered: All Sessions

RTT-2150 Radiation Therapy Techniques II (2-12 Credits)
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.
Typically offered: All Sessions

RTT-2160 Cross-Sectional Anatomy (2-12 Credits)
This course is designed to introduce the student to medical imaging methods in use in radiation therapy today. The student will identify anatomical structures through several imaging formats. Anatomic relationships will be compared using topographical and cross-sectional anatomy.
Typically offered: All Sessions

RTT-2170 Principles of Ct in Radiation Therapy (2-12 Credits)
This course's content provides Radiation Therapy students with the principles related to Computed Tomography (CT) imaging.
Typically offered: All Sessions

RTT-2180 Clinical Education V (2-5 Credits)
For students assigned to a treatment unit, this course is designed to provide an opportunity for the student to demonstrate mastery of treatment delivery. Emphasis is placed on the student's ability to monitor patient condition and reactions to treatment, and to instruct patient 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. Students assigned to simulation must demonstrate simulator objectives and perform the related competencies by the end of the term.
Typically offered: All Sessions

RTT-2190 Career Development (1-12 Credits)
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.
Typically offered: All Sessions

RTT-2290 Registry Review (3-12 Credits)
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.
Typically offered: All Sessions

Radiography Courses (RTR)

RTR-1000 Fundamentals of Radiologic Sciences (1-12 Credits)
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 are examined and discussed, in addition to the professional responsibilities of the radiographer.
Typically offered: All Sessions

RTR-1001 Image Analysis I (1-12 Credits)
This course prepares students to evaluate radiographic images to ensure quality assurance standards are met. Image analysis guidelines, including characteristics of optimal images; image display; and terminology will be discussed.
Typically offered: All Sessions

RTR-1010 Medical Terminology (1-12 Credits)
This course teaches the student how to properly incorporate medical terminology into the vocabulary. Students will learn the etymology of medical terminology; word-building processes; abbreviations; and practical applications within the health care field, including how to interpret requisitions and medical reports. Included in the course are correct pronunciation, spelling, and application of terms.
Typically offered: All Sessions

RTR-1020 Human Structure and Function I (3-12 Credits)
This course is the first in a two part survey of the human body and how it functions. Cells, tissues, and physiology will be examined, in addition to the following body systems: Skeletal, muscular, digestive, reproductive, and respiratory. The mechanisms of disease, as well as growth and development will also be investigated.
Typically offered: All Sessions

RTR-1030 Intro to Principles of Radiographic Expo (3-12 Credits)
This introductory course provides students with the basic knowledge of atomic structure, electricity, and electromagnetism. The foundations for radiation-producing equipment; the production of radiation; radiation safety; and radiation interaction with matter will be established.
Typically offered: All Sessions

RTR-1040 Patient Care I (2-12 Credits)
This course is the first in a two part series that equips students with the knowledge to care for patients in the healthcare setting. Students will learn how to safely and effectively deliver care to a diverse patient population.
Typically offered: All Sessions

RTR-1050 Radiographic Procedures I (2-12 Credits)
This course is the first of four that reviews anatomy, patient positioning, and projections of essential radiography procedures. Students are concurrently enrolled in Image Analysis and Laboratory courses that correspond with the Procedures course.
Typically offered: All Sessions

RTR-1050L Radiographic Procedures Lab I (1-12 Credits)
This course is the first of four that reviews anatomy, patient positioning, and projections of essential radiography procedures. Students are concurrently enrolled in Image Analysis and Laboratory courses that correspond with the Procedures course.
Typically offered: All Sessions

RTR-1080 Clinical Education I (3-5 Credits)
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. The first five weeks provide the student an introduction to patient care and clinical practices; radiation safety; clinical policies and procedures; and an overview of clinical progression required to complete the program. The remaining eight weeks allow for the student to utilize didactic concepts in the clinical setting. 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.
Typically offered: All Sessions

RTR-1090 Ethics and Law in Radiologic Sciences (1-12 Credits)
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.
Typically offered: All Sessions

RTR-1101 Image Analysis II (1-12 Credits)
This course prepares students to evaluate radiographic images to ensure quality assurance standards are met. Image analysis guidelines, including characteristics of optimal images; image display; and terminology will be discussed.
Typically offered: All Sessions

RTR-1120 Human Structure and Function II (3-12 Credits)
This course is a continuation of RTR 1020. A survey of cell, tissues, and pathologies is conducted. Additionally, the following body systems are examined: blood, heart, integumentary, nervous, endocrine, lymphatic, urinary, and reproductive. The fundamentals of sectional anatomy relative to routine radiography are addressed.
Typically offered: All Sessions

RTR-1135 Principles of Radiographic Exposure I (3-12 Credits)
This course establishes the foundation of image production, quality, and equipment. Concepts of radiation safety and protection are reinforced.
Typically offered: All Sessions

RTR-1141 Patient Care II (2-12 Credits)
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.
Typically offered: All Sessions

RTR-1150 Radiographic Procedures II (2-12 Credits)
This course is the second of four that reviews anatomy, patient positioning, and projections of essential radiography procedures. Students are concurrently enrolled in Image Analysis and Laboratory courses that correspond with the Procedures course.
Typically offered: All Sessions

RTR-1150L Radiographic Procedures II Lab (1-12 Credits)
Utilizing the non-energized laboratories, students are provided the instruction to perform essential procedures. Student practice and subsequent procedure testing are included in this course.
Typically offered: All Sessions

RTR-1171 Digital Image Acquisition & Display (2-12 Credits)
Content imparts an understanding of the components, principles and operation of digital imaging systems found in diagnostic radiology. Image acquisition, display, archiving, and retrieval are discussed. Principles of digital system quality assurance and maintenance are presented.
Typically offered: All Sessions

RTR-1180 Clinical Education II (3-5 Credits)
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.
Typically offered: All Sessions

RTR-1280 Clinical Education III (3-5 Credits)
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, students will research and present a topic that applies to, and further enhances knowledge of the radiological sciences.
Typically offered: All Sessions

RTR-2001 Image Analysis III (1-12 Credits)
This course is designed to provide additional instruction when analyzing advanced radiographic images. Students will be able to determine if a radiograph has an adequate level of contrast and density, and what factors to adjust if a radiograph is inadequately exposed. The processes for properly evaluating radiographic images with a higher degree of critical thinking will be taught. Actual images will be used for demonstration and analysis.
Typically offered: All Sessions

RTR-2010 Radiographic Pathology (2-12 Credits)
This 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; and diagnosis and prognosis of various diseases.
Typically offered: All Sessions

RTR-2020 Radiation Biology & Advanced Protection (2-12 Credits)
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
Typically offered: All Sessions

RTR-2035 Principles of Radiographic Exposure II (3-12 Credits)
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.
Typically offered: All Sessions

RTR-2050 Radiographic Procedures III (2-12 Credits)
This is a course of advanced radiographic positions building on the basic procedures learned in RTR 1050 and RTR 1150.
Typically offered: All Sessions

RTR-2050L Radiographic Procedures III Lab (1-12 Credits)
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 courses RTR 1050L and RTR 1150L.
Typically offered: All Sessions

RTR-2080 Clinical Education IV (3-5 Credits)
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.
Typically offered: All Sessions

RTR-2101 Image Analysis IV (1-12 Credits)
This course prepares students to evaluate radiographic images to ensure quality assurance standards are met. Image analysis guidelines, including characteristics of optimal images; image display; and terminology will be discussed.
Typically offered: All Sessions

RTR-2125 Special Procedures (1-12 Credits)
This course is designed to concentrate on the advanced studies performed in the radiology department, such as procedures of the urinary and digestive systems, and those performed in the interventional suite. Students will learn about injection instrumentation, as well as contrast indications and safety.
Typically offered: All Sessions

RTR-2150 Radiographic Procedures IV (2-12 Credits)
This is a course of advanced radiographic positions building on the procedures learned in courses RTR 1050, RTR 1150 and RTR 2050.
Typically offered: All Sessions

RTR-2150L Radiographic Procedures IV Lab (1-12 Credits)
Utilizing the non-energized laboratories, students are provided the instruction to perform advanced imaging procedures. Student practice and subsequent procedure testing are included in this course.
Typically offered: All Sessions

RTR-2170 Advanced Imaging Modalities (1-12 Credits)
This is a specialized course of study designed to enhance knowledge of radiologic imaging by introducing the student to advanced imaging modalities. Modalities that can be pursued as post-primary pathways will be discussed. Additionally, career opportunities and salaries will be explored.
Typically offered: All Sessions

RTR-2171 Mammography (elective) (2-12 Credits)
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.
Typically offered: All Sessions

RTR-2172 Computed Tomography (elective) (2-12 Credits)
Content provides entry-level radiography students with the principles related to computed tomography (CT) imaging.
Typically offered: All Sessions

RTR-2180 Clinical Education V (3-5 Credits)
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.
Typically offered: All Sessions

RTR-2190 Career Development (1-12 Credits)
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.
Typically offered: All Sessions

RTR-2260 Registry Review (3-12 Credits)
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 test taking strategies discussed.
Typically offered: All Sessions

Religious Studies (REL)

REL-1000 Faith: A Biblical Perspective (3 Credits)
To appreciate the challenge of faith is to see its role in all that we are: in our beliefs, our relationships and our outlook on the world and the events that shape our lives. Students will be asked to probe the more puzzling aspects of Biblical faith and its relevance today. Topics will include the following: Abraham: a possible model of relationship, Miracles: hype or challenge? & the Apocalypse: a timetable of events or a foreshadowing of what will occur in every person's life span.
Typically offered: All Sessions

REL-1101 Survey of the World's Religions (3 Credits)
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).
Typically offered: All Sessions

REL-1106 The Lives and Legacy of St. Francis and St. Clare of Assisi (3 Credits)
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.
Typically offered: All Sessions

REL-1107 Sacred Movement Sacred Space St. Clare of Assisi (3 Credits)
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.
Typically offered: All Sessions

REL-1108 Wellness/Mindfulness St. Clare of Assisi (3 Credits)
This class introduces students to the wide variety of wellness and mindfulness practices that they can use to improve their physical and psychological well-being, to manage stress, and to develop healthy habits. Students will be introduced to current theory, practice, and research into wellness and mindfulness by the mind sciences and social sciences. This class fulfills the Personal Wellness requirement in the General Education program.
Fulfills General Education Requirement: FH1

REL-1112 Death and the Afterlife (3 Credits)
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
Typically offered: All Sessions

REL-1201 The Christian Tradition (3 Credits)
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
Typically offered: All Sessions

REL-1202 Judaism (3 Credits)
An introduction to Judaism concentrating on the teachings (including 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).
Typically offered: All Sessions

REL-1203 Islam (3 Credits)
An introduction to Islam taught in historical perspective from the life of the Prophet Muhammad, the Qur'an and Traditions, early leadership and the expansion of Islam, Shi'ai Islam, Sufism and Islam in Asia, Africa and the Americas. Attention will be given to the Islamic movement and its impact on international affairs as well as other contemporary issues.

REL-1204 Quranic Arabic (3 Credits)
Requisite(s): One REL course at the 1000 level.
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.

REL-1206 Buddhism (3 Credits)
This course is an introduction to Buddhism taught in historical perspective. It begins with the life of the founder of Buddhism, Siddhartha Gautama, which is known to all Buddhists. It then covers the origins of Buddhism in India and the basic teachings of Buddhism. Following this it looks at the life of monks and the relation of the community of the monks to Buddhist laity, and also considers the practice of meditation and devotion to Buddhist relics. The course then studies the rise of Mahayana Buddhism, the second major movement in Buddhism, and the transmission of Buddhism to China and Japan, looking at the different schools of East Asian Buddhism, mainly Chan or Zen and Pure Land Buddhism. Esoteric Buddhism or Vajrayana as found in Tibetan culture will also be studied briefly. The course concludes with a discussion of the transmission of Buddhism to the West, especially America, and looks at issues for Buddhism in the modern world.
Typically offered: All Sessions

REL-1301 Introduction to Hebrew Bible (3 Credits)
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.

REL-1302 Introduction to the New Testament (3 Credits)
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, which are not included in the New Testament. The historical Jesus is also discussed.
Typically offered: All Sessions

REL-2000 Religion, Science and Spirituality (3 Credits)
Requisite(s): Any 1000 level REL course
Religious beliefs, scientific theories, and spiritual practives all shape our world views and attitudes: how we think about and respond to issues from health care and education to politics and climate change. This course explores the relationships between religion, science and spirituality, and how different communities and institutions navigate these domains, by examining current topics suchs as vaccines and medicine, climate crisis and denial, evolution and creationsim, Noe-Paganism, alternative spirituality, conspiracy theories, social media and commodification, and more.
Typically offered: As Needed

REL-2106 The Lives and Legacy of St. Francis and St. Clare of Assisi (3 Credits)
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.
Typically offered: As Needed

REL-2108 Zen Buddhism (3 Credits)
Requisite(s): Any 1000 level REL 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.
Typically offered: All Sessions

REL-2110 Biblical Greek I (3 Credits)
Cross-listed with: GRK-1101. 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.

REL-2111 Biblical Greek II (3 Credits)
Requisite(s): REL-2110
Cross-listed with: GRK-1102. Building on REL 2110, 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.

REL-2113 The Story of American Evangelicalism (3 Credits)
Requisite(s): Any 1000 level REL course.,Optional prerequisite AMS-1001 for student in AMS minor
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, cultural, and spiritual life. Following a brief history of evangelicalism in America, this course examines the variety and development of evangelical perspectives on topics ranging from gender to science to economics to apocalypticism.
Fulfills General Education Requirement: PEM
Typically offered: All Sessions

REL-2200 Religion in Israel/Palestine (3 Credits)
Requisite(s): Any 1000 level REL course.,,Travel course:Valid Passport required.
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 the study of religion in Israel/Palestine as it relates to their own interests, majors, career paths.
Fulfills General Education Requirement: PEM
Typically offered: Summer Only

REL-2204 Religions of India (3 Credits)
An introduction to the religious traditions originating in India, with the exception of Buddhism (covered in REL 2206): Hinduism, Jainism and Sikhism. The course is taught in historical perspective, covering ancient India and the religion of the Veda, the rise of Yoga and ascetic movements, social ethics and Dharma, and devotion to the main forms of God in Hinduism the Goddess, Shiva and Vishnu. Hindu and Jain teachings on nonviolence and the values and practices of Sikhism will be studied. The course will also consider modern movements and Indias religions in the global context.
Typically offered: As Needed

REL-2501 Contemporary Moral Issues (3 Credits)
Requisite(s): Sophomore standing
Study of moral issues that are of current importance and Christian ethics on these issues. Selected topics include abortion, new reproductive technologies, genetic research, physician-assisted suicide and euthanasia, the death penalty, sexual ethics, race, war and nonviolence, and the environment. Student participation, analysis, and discussion.
Typically offered: All Sessions

REL-3601 Introduction to Jewish Thought (3 Credits)
Requisite(s): PHI-2201 or PHI-2203
The Western tradition can be viewed as the encounter of two seemingly irreconcilable ways of understanding the world: philosophy and faith. The former relies on the autonomous exercise of the speculative mind; the latter trusts revelation as the ultimate source of authority and truth. This course examines the Jewish philosophical tradition in light of philosophy and faith and explores whether or not the two are indeed irreconcilable.
Typically offered: As Needed

REL-3701 Approaches to the Study of Religion (3 Credits)
Requisite(s): Any REL course;
A study of the main methods of the modern study of religions including the history of the religions, sociology, psychology, and philosophical, and theological approaches. The study is conducted through reading the writings of major scholars of religion. The course is taught in seminar format.
Typically offered: As Needed

REL-3702 Sociology of Religion (3 Credits)
This course examines theoretical perspectives on religion and its reciprocal relationship to society. We will discuss religion from a macro-sociological perspective as a social institution and as a cultural system. We will also discuss definitions, functions, variation and linkages across history and across groups in collective religious experience. Thus students will be able to identify patterns of religious forms as these relate to types of societies and the phenomenon of modernization, as well as key issues of gender, ethnicity, class and politics.

REL-4000 Special Topics in Religion (3 Credits)
Requisite(s): Any REL course
In-depth study of special topics to be announced.
Typically offered: As Needed

REL-4002 Rebuilding God's House: the Lives and Legacy of St. Francis and St. Clare of Assisi (3 Credits)
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 the medieval Italian life that contributed to Francis life and message of simplicity and devotion to God as well as the development, influence, and continuity of the Franciscan tradition.
Typically offered: As Needed

REL-4003 Topic: Black Theologies (3 Credits)
Requisite(s): Complete one (1) in REL
This course centers on an interpretation of the rise of Black theology in the 1960s to the present day. To establish the necessarily historical and political nature of Black theologies, attention will be given to the social and political contexts that inform the dominant themes of Black theologies. In conjunction with the twentieth century rise of distinctly religious proponents of Black Power such as Malcolm X and Audley Queen Mother Moore and others, the course will also engage the politico-religious thought of late 19th century figures such as Frederick Douglas, Ida B. Wells, and H.M. Turner in order to establish the lineage that produced Black theologians, ethicists, and womanists such as James Cone, Deotis Roberts, Deloris Williams, and Katie Canon. The course will also offer perspectives on Black theology's relation to Third World theologies, critical race theories, intersectionality, and Afro-Futurism. Required assignments include weekly readings and online responses that raise questions and offer perspective that will be engaged during bi-weekly synchronous online sessions. Students will also be able to choose between a final research paper or five short papers based on weekly themes.
Typically offered: As Needed

REL-4004 Topic: Justice and Ecology in the Hebrew (3 Credits)
This course will explore the stories, commandments, and traditions around social justice and ecological stewardship in the Hebrew Bible. We will read the primary texts (in English translation) as well as rabbinic commentaries and modern interpretations. Students will gain an understanding of the deep origins of our modern ethics of justice, human rights, and ecological healing.
Typically offered: As Needed

REL-4991 Thesis Direction (1-3 Credits)
Requisite(s): 9 REL credits,Junior Standing
Thesis Direction
Typically offered: On Demand

REL-4995 Independent Study in Religious Studies (1-3 Credits)
Requisite(s): 9 REL credits,Junior Standing
Directed research in a Religious Studies topic selected by the student.
Typically offered: On Demand

REL-4998 Thesis Direction (3 Credits)
Thesis Direction
Typically offered: As Needed

REL-5309 Environmental Crisis & the World's Religions (3 Credits)
An exploration 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. Open only to Honors Program students.
Fulfills General Education Requirement: NPW, PEM

REL-5310 The End of the World Religion (3 Credits)
This course will examine ideas, rhetoric, and ideology concerning the end of the world in Judaism, Christianity, and Islam from antiquity to the present. Almost since the beginning of the world, people have been thinking about the end of the world. Why? What do major world religions have to say on the topic? Does it lead to violence? To kindness? We will read and dissect primary texts as well as modern scholarship on this topic, and we'll try to figure out why on earth people have been so obsessed with this topic for so long.
Fulfills General Education Requirement: HCE, WHG

REL-5350 Religion and Science: History, Method, Dialogue (Honors) (3 Credits)
Cross-listed with: SCI-5001. An interdisciplinary team-taught Honors seminar that explores the dialogue that is occurring between scientists and theologians. It examines the historical context of the methods of inquiry used in the sciences and those used in religion and the similarities and differences between them. Included are varied case studies where scientists and theologians are engaged in dialogue. Open only to Honors Program scholars.
Typically offered: As Needed

REL-5351 Christian Ethics: An Honors Seminar (3 Credits)
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. Open only to Honors Program scholars.
Typically offered: As Needed

REL-5352 Images of Human Nature in Western, Non-Literate, and Eastern Cultures: An Interdisciplinary Honors Seminar I (3 Credits)
Cross-listed with: PSY-5352. Students are exposed to conceptions of human nature as they have existed in Eastern and Western cultures. The seminar focuses upon universal aspects of human experience and unique historical and cultural conceptions of human identity. These conceptions may be expressed in art, myths, literature, sacred books, philosophical or political treatises, and are reflected in day-to-day living. The seminar is team taught, stresses broad interdisciplinary perspectives, and emphasizes original readings. Visits to plays, operas, movies, and museums are integral to the seminar. Open only to Honors Program scholars.
Typically offered: As Needed

REL-5353 Images of Human Nature in Western, Non-Literate, and Eastern Cultures: An Interdisciplinary Honors Seminar II (3 Credits)
Cross-listed with: PSY-5353. A continuation of Images of Human Nature 1. Open only to Honors students.
Typically offered: As Needed

REL-5354 Tolkien the Mythmaker (Honors) (3 Credits)
A study of the works of J. R. R. Tolkien, drawing out their implications for modern culture, ethics, religion and the philosophy of the imaginative art that Tolkien called myth or fantasy. Tolkien was a scholar of the languages and literature of northern Europe. He was also the author of a large body of myth and legend which is the context for the story of The Lord of the Rings, as well as essays, poetry, and shorter narratives. All of these disclose varied facets of the complex and profound mind of a singular visionary, and give insight into his vast appeal.

REL-5355 Early Christian Gospels (honors) (3 Credits)
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.

REL-5357 Brooklyn Jews (3 Credits)
This course will explore the Jews of Brooklyn, past and present. While the Hasidic Jewish community is the most visible and well known (though least understood), this is only part of the picture of Jewish Brooklyn. In addition to understanding the Hasidic communities of Brooklyn and their unique issues, we will explore progressive and secular Jews, a variety of Jewish ethnic identities including Syrian and Moroccan Jews, as well as internal Jewish controversies on multiple issues. Topics will intersect with urban development and immigration, race and racism in New York City, political allegiances, responses to the COVID19 pandemic and other public health issues, and controversies in education, ranging from public school integration in the 1960s to contemporary secular education in Hasidic schools. Students will have the opportunity to interview (as a class) multiple types of Jews from Brooklyn who will visit the class.
Fulfills General Education Requirement: SEH, WHG
Typically offered: All Sessions

REL-5358 Genesis and the Meaning (3 Credits)
This course will examine a series of questions about the meaning of life through the lens of the bibilical book of Genesis in conjuction with major philosophical texts that address the same questions. Questions include, for example: Why is there something instead of nothing? Are human beings fundamentally bad? Why should we be moral? Do the ends justify the means? How can reproduction be just? This course will incorporate literary, historical, comparative religious, and philosophical analyses.
Fulfills General Education Requirement: SEH, PEM
Typically offered: As Needed

Science (SCI)

SCI-1301 Environmental Science (3 Credits)
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.

SCI-5001 Religion and Science (3 Credits)
Cross-listed with: REL-5350. 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.

SCI-5002 Honors Sem: Understanding Our Environmen (3 Credits)
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.

SCI-5003 Short History for Nearly Everything (3 Credits)
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.

Sociology (SOC)

SOC-1000 Principles of Sociology (3 Credits)
An analysis of the basic structure and dynamics of society; social interaction, social organization, social change, social processes; a summary of ideas of seminal sociologists. This course is a prerequisite for all Sociology courses and for CJ-2010.
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

SOC-1070 Sociology of Minority Groups (3 Credits)
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.
Fulfills General Education Requirement: SEH

SOC-2000 Social Problems (3 Credits)
Requisite(s): SOC-1000
An inquiry into the nature of social problems, both causes and consequences, within a complex industrial society, from a sociological perspective. Special emphasis is given to problems of contemporary American society and current events.
Typically offered: All Sessions

SOC-2010 Criminology (3 Credits)
Requisite(s): SOC-1000
The course will explore the study of crime causation, primarily from a sociological perspective. The student will be introduced to theories that explain the nature, extent, patterns and control of criminal and delinquent behavior in contemporary society.
Typically offered: Fall Only

SOC-2020 Global Migration (3 Credits)
Requisite(s): SOC-1070 or GLS-1101
In recent decades, many developed high-income countries have been affected by an increased influx of immigrants who are racially, ethnically and religiously distinct from the native groups. The resulting heterogeneity of the population induces ethnically based political movements, rekindles ethnic loyalties, outbreaks of anti-immigrant political movements, and intergroup tensions and hostilities. This course examines the range of questions pertaining to migration issues from historical and cross-cultural perspectives. It focuses on the differences between the late 19th century and mid-20thcentury international migration and examines contemporary global migration trends with their emphasis on visas, walls, and deportation. The comparative perspective of this course provides students with a sharper insight into the migration problems in the USA. Prerequisite: SOC 1000
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

SOC-2030 Introduction to Social Work (3 Credits)
Requisite(s): SOC-1000
Designed to introduce students to the field of Social Work, this course deals with the history and philsophy of Social Work; analyzes the three major areas of Social Work-- case work, group work, and community organization; describes the major programs for special client groups: families, children, the elderly, the mentally ill, the handicapped, etc. Students are also introduced to the field of counseling and different therapeutic strategies.
Typically offered: Fall Only

SOC-2035 Criminalization of Immigration (3 Credits)
Requisite(s): SOC-1000;
This course focuses on the crimmigration (defined as the intersection of criminal law with immigration law) and its articulation in the current political environment. What led to the intertwining of the U.S. criminal law and immigration (systems that used to be almost entirely separate in the past)? Why do we have more immigration law enforcement agents than ever in the U.S. history? Why are there more than 600 immigration detention centers across the country? These are some of the questions students address in this course, while exploring the history of immigrants' demonization, enactment of harsh anti-immigrant laws, and how present-day political rhetoric fits into the crimmigration framework.
Fulfills General Education Requirement: SEH
Typically offered: Fall Only

SOC-2036 Immigration: Issues & Concerns (3 Credits)
Requisite(s): SOC-1000
This course focuses on the crimmigration (defined as the intersection of criminal law with immigration law) and its articulation in the current political environment. What led to the intertwining of the U.S. criminal law and immigration (systems that used to be almost entirely separate in the past)? Why do we have more immigration law enforcement agents than ever in U.S. history? Why are there more than 600 immigration detention centers across the country? These are some of the questions students address in this course while exploring the history of immigrants' demonization, enactment of harsh anti-immigrant laws, and how present-day political rhetoric fits into the crimmigration framework
Fulfills General Education Requirement: SEH
Typically offered: Fall Only

SOC-2040 Social Anthropology (3 Credits)
Requisite(s): One of following: SOC-1000, ICS-1240 OR ICS-1241
Cross-listed with: ICS-3370. 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.
Typically offered: Spring Only

SOC-2045 Immigrant to New York (3 Credits)
Requisite(s): SOC-1070
New York, also called The Big Apple and The City That Never Sleeps, is a large ethnically and culturally diverse immigrant metropolis, well known for its pro-immigrant political culture and its status as a sanctuary city. Its long-lasting immigrant tradition has been boosted by the arrival of brand-new immigrants who arrive in the city in remarkable numbers, replenishing the old immigrant groups. This course examines the history of immigration to NYC with an emphasis on the economic and political factors stimulating current immigration. Students are introduced to micro and macro levels of analysis of New York City's population growth. They explore how the city has been affected by the cultural diversity of newly arrived immigrants and how relocation to the city affects their life chances. At the end of the course, students do ethnographic research in a neighboring ethnic enclave to gain a better insight into the cultural mosaic of New York.
Fulfills General Education Requirement: SEH
Typically offered: Fall Only

SOC-2050 Sociology of Communication (3 Credits)
Requisite(s): SOC-1000
Primary and secondary communication systems; language in socialization, social organiztion, and social control; theories of communication; modern mass communication media; structure, content, and effects.
Typically offered: Fall Only

SOC-2060 Child Welfare (3 Credits)
Requisite(s): SOC-1000
Traces the development of rights of the child in relation to parental rights; explores the methods of care of dependent and neglected children in their own homes, foster homes, and institutions; reviews the adoption process and the social trends toward integration in family and child care.
Typically offered: Fall Only

SOC-2070 Sociology of Minority Groups (3 Credits)
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.
Fulfills General Education Requirement: SEH
Typically offered: Fall Only

SOC-2080 Conflict Resolution (3 Credits)
Requisite(s): SOC-1000
This seminar course applies theories of conflict resolution to case studies of interpersonal and intergroup conflicts; surveys major traditions of non-violence, and studies approaches to conflict resolution, with an emphasis on methods of mediation.
Typically offered: Fall Only

SOC-2090 Human Trafficking (3 Credits)
Requisite(s): SOC-1000 or HIS/PSC-1203
In order to combat human trafficking, students must become articulate in the discourse, problem, the origins, the means, policy and the economics of trafficking. This course will explore how gender, human rights, and altruism influence human trafficking debates and how policy outcomes impact global human trafficking around the world.
Typically offered: Fall Only

SOC-3010 Sociology of the Family (3 Credits)
Requisite(s): SOC-1000
The structure and functions of the family; comparison of families in primitive and industrial societies in order to demonstrate the nature of problems associated with institutional change and civilization processes.
Typically offered: Fall Only

SOC-3020 Theory and History of Sociology (3 Credits)
Requisite(s): SOC-1000,Junior Standing-60 credits
A systematic survey of the growth of sociological theory; a study of influential individuals and representative schools from Auguste Comte to the present day.
Typically offered: Fall Only

SOC-3030 Sociology of Religion (3 Credits)
Requisite(s): SOC-1000
This course examines theoretical perspectives on religion and its reciprocal relationship to society. We will discuss religion from a macro-sociological perspective as a social institution and as a cultural system. We will also discuss definitions, functions, variation and linkages across history and across groups in collective religious experience. Thus students will be able to identify patterns of religious forms as these relate to types of societies and the phenomenon of modernization, as well as key issues of gender, ethnicity, class and politics.
Typically offered: Spring Only

SOC-3040 Complex Organizations: Structure and Process (3 Credits)
Requisite(s): SOC-1000
The course covers all types of organizations: business, government, social welfare, education, medicine, voluntary, etc.; examines how structure contributes to processes such as power and conflict, leadership and decision-making, communication and change, etc.; shows how organizations interact with each other and with society in general.
Typically offered: As Needed

SOC-3050 Caribbean Culture and Society (3 Credits)
Requisite(s): SOC-1000
Cross-listed with: ICS-3050. 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: Cultural communities from Africa and Europe, patterns of race and ethnic relations, forms of cultural expression, the family, and class structures. Another focus is on issues which 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. Students develop an appreciation of Caribbean Culture, of the challenges facing Caribbean societies, and the cultural resources available to meet them.
Typically offered: Spring Only

SOC-3060 Law and Society (3 Credits)
Requisite(s): SOC-1000
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.
Typically offered: Fall Only

SOC-3130 Crime, Justice, and American Fiction (3 Credits)
Requisite(s): SOC-2010,AMS-1001 for students pursuing AMS minor
Cross-listed with: ENG-3130. 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.
Typically offered: As Needed

SOC-3196 Interpreting the 1960s (3 Credits)
Requisite(s): SOC-1000,HIS-1201
Cross-listed with: HIS-3196. 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 also 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 onto 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 concluding with an assessment of the cultural changes initiated by the counter-cultural youth movements.

SOC-3370 Gender Roles in Cross-Cultural Perspectives (3 Credits)
Requisite(s): Take PSY-1100 and SOC 1000;
This course reviews changing gender roles, gender differences, sexuality, kinship systems, gender- typed status hierachies, cultural perception of the nature of men and women, biological differences, and socilization and parenting practices across cultures. Special emphasis will be placed on multidisplinary approaches, in-depth investigation of gender roles in specific societies, and the value of a global perspective on gender roles.
Typically offered: As Needed

SOC-4000 Special Topics in Sociology (3 Credits)
The course will explore specific, identified topics in the discipline of sociology. The subject matter will be selected by the instructor prior to registration, with approval of the department chairperson. Students may be granted credit for multiple sections of SOC-4000, providing the topic differs.
Typically offered: As Needed

SOC-4002 Carnival: the Social Structure of Spiritual and Cultural Celebration (3 Credits)
Requisite(s): take SOC-1000
The Special Topics course explores specific topics in the discipline of sociology selected by the instructor with approval of the department chairperson. The topic of study in this semester is pre-Lenten and other seasonal festivals in Europe and the Americas. The format of the course is a combination of traditional lecture and performance series.

SOC-4003 Topic: Sociology of Sport (3 Credits)
Special topics course

SOC-4004 Topic: Urban Sociology (3 Credits)
Special topics course

SOC-4005 Topic: Social Welfare Policy (3 Credits)
Requisite(s): SOC-1000
Social welfare policy drives the social programs created to address social problems. Prevailing values determine which social policies are created. This course will provide an overview of social welfare policy and look at its role in social work practice. Exploring the historical context from which social welfare policy emerged will allow us to identify events that have influenced contemporary social welfare policy and review the economic and political influences as well. With an understanding of the historical, economic and political factors, students will study the tools used to analyze social policy, the process of determining need, and the steps in developing policy.
Typically offered: As Needed

SOC-4006 Special Topic: American Social Movements (3 Credits)
Requisite(s): SOC-1000
This course will explore the key social movements in U.S. history. The course will focus on the labor movement in the early 20th century and will end with attention on the rise of the Christian right during the last decade. This course will study why individuals come together and organize in ways that effectively challenge powerful social systems. We will study such movements as the civil rights movement, gay rights movement, environmental movement, and the Christian right movement.

SOC-4007 SP TPC: Perspectives on Women's Studies (3 Credits)
Requisite(s): SOC-1000
The purpose of this course is to explore the interdisciplinary field of women's studies/feminist scholarship. We will address the origins and persistence of gender-based inequalities, and examine historical and current feminist critiques of American society and culture. The micro-level, day-to-day experiences of women will be a primary focus of this course. We will primarily focus on the experiences of American women; however, we will also consider international perspectives on women's experiences. Students should have an interest in understanding feminism and feminist critiques and also examining social data about the extent of gender disparities.

SOC-4008 Topic: Sociology of Health & Medicine (3 Credits)
Requisite(s): SOC-1000
This course offers an opportunity to study the intersection of sociology, medicine and the law, relating to cross-cultural and comparative experiences arising out of advances in the medical field and medical technology. The course broadly examines the socio-medical aspects of emerging issues and the development of the culture of the medical community. Cases, laws, regulations and responses to culture and to the law are constructed and sometimes deconstructed to illustrate the medical profession and the doctor/patient relationship. The course is US based, but will cover some of the socio-medical issues presented by medical practice and medical ethics in a comparative context. The role expectation from a doctor, nurse or physical therapist is explored as are the political aspects of language in medicine. This course is suitable as an elective for sociology students, as also for pre-med, pre-dental, nursing, PT and OT students.
Typically offered: As Needed

SOC-4009 Special Topic: Superstorm Sandy: A Social Autopsy (3 Credits)
Requisite(s): SOC-1000
Special Topics courses explore specific topics in the discipline of sociology selected by the instructor with approval of the department chairperson. The topic of study in this term is Superstorm Sandy and its immediate impact on the social environment. A comparative assessment of recent disasters affecting the United States will be undertaken. The format of the course is a combination of workshop, research and discussion. Prerequisite: SOC 1000. 3 credits. Offered as needed.
Typically offered: As Needed

SOC-4010 Post-WWII U.S. Protest Movements (3 Credits)
Requisite(s): SOC-1000
This course focuses on post-war movements for social change in the United States. Co-taught by faculty in the history and sociology departments, this course analyzes the shift from traditional New Left movements for social change (civil rights, anti-war, and free speech) to movements focusing on identity (women's rights, Black Power, and gay liberation). This course will also explore recent non-traditional social movements, including battles for marriage equality, against police brutality, violence against women, and mass incarceration, and broadening definitions of sexual, racial, and ethnic identities.

SOC-4210 Social Research Methods (3 Credits)
Requisite(s): SOC-1000
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.
Typically offered: All Sessions

SOC-4220 Quantitative Sociology Methods (3 Credits)
Requisite(s): IT-1001;,SOC-4210
In this course, students will be instructed in the use of specific statistical measures; the rationales for their use; the limitations of statistical inference and the computation of data. Sociological data will be used throughout. Recommended pre-requisite: SOC-4210.
Typically offered: Spring Only

SOC-4990 Internship in Sociology (1-3 Credits)
Requisite(s): SOC-4210,Junior Standing-60 credits
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.
Typically offered: Fall and Spring

SOC-4991 Social Work Practicum I (3 Credits)
Requisite(s): SOC-2030,Junior Standing-60 credits
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.

SOC-4992 Social Work Practicum II (3 Credits)
Students are expected to continue to work as interns in a social work-related site. Students will continue to participate in the classroom environment where they integrate their field work experience with their theoretical study.
Typically offered: As Needed

SOC-4995 Independent Study in Sociology (3 Credits)
Requisite(s): SOC-1000,Junior Standing-60 credits
Individual research or field work under the direction of a faculty member with the approval of the department chairman only.
Typically offered: As Needed

SOC-4998 Senior Seminar in Sociology (3 Credits)
Requisite(s): Senior Standing-96 credits
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.
Typically offered: All Sessions

SOC-5010 Contemporary Migration (3 Credits)
Cross-listed with: PSY-5010. This course takes a multi-disciplinary approach to the study of contemporary migration. The major focus is on the United States, with an international context. Migration is related to many central issues for contemporary society, such as international relations, the development of cities, urban politics, social policy, citizenship, and racial and ethnic identity.
Fulfills General Education Requirement: WHG, SEH

SOC-5020 Race, Ethnicity, & Inequality in the US (3 Credits)
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.
Typically offered: As Needed

SOC-5401 Contemporary Islam: Its Socio-Economic Context (3 Credits)
Cross-listed with: ECO-5401. 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.
Fulfills General Education Requirement: SEH, WHG

SOC-5402 Honors Seminar: Ethical, Legal & Social Implications of the Human Genome Project (3 Credits)
Cross-listed with: BIO-5310. 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.
Fulfills General Education Requirement: NPW, SEH
Typically offered: As Needed

SOC-5403 Carnival: the Social Structure of Spiritual and Cultural Celebration (3 Credits)
As an advanced level application of analytical tools in the discipline of sociology, this course investigates pre-Lenten and other seasonal festivals in Europe and the Americas. Using a sociological and interdisciplinary perspective, this course explores issues of gender, race, class, sexuality, culture and finance through text, film, guest lectures and a class excursion.
Typically offered: As Needed

SOC-5404 Cults and Conspiracy Theories in the Us (3 Credits)
This course examines how cults and conspiracy theories have both emerged from and influenced life in the United States. Drawing on historical and sociological perspectives, this course offers insight into why individuals are drawn to fringe ideas and how specific historical, social, economic, and cultural contexts fuel particular sorts of cults and conspiracy theories. In exploring this topic, we will also build strong information literacy by examining how leaders and promoters of cults and conspiracy theories use disinformation, mistrust, and fear to build followings. Students will read articles, listen to podcasts, and view documentaries that offer insight into this wide and fascinating field of inquiry.
Typically offered: As Needed

Spanish (SPA)

SPA-1101 Spanish for Global Communication (3 Credits)
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 years of high school Spanish or beyond.
Typically offered: All Sessions

SPA-1102 Upper Beginning Spanish (3 Credits)
Requisite(s): SPA-1101
Continaution of SPA-1101.
Typically offered: All Sessions

SPA-1105 Spanish for Bilingual Students (3 Credits)
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.
Typically offered: Fall Only

SPA-1117 Basic Conversational Spanish for Education I (3 Credits)
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 apropriate 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 Foreign Language department.

SPA-1118 Basic Conversational Spanish for Education II (3 Credits)
Requisite(s): SPA-1117
Continuation of SPA-1117.

SPA-1119 Spanish for Business I (3 Credits)
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 will be made with the same practices in the U.S.

SPA-1120 Spanish for Business II (3 Credits)
Requisite(s): SPA-1119
Continuation of SPA-1119.
Typically offered: As Needed

SPA-1129 Spanish for Health Professionals I (3 Credits)
Spanish for Health Professionals I is an introductory course designed for students in medical fields. This is the first of two courses needed to complete the health professional language program. These courses must be taken in sequence. This course will help students to develop the skills necessary to understand and communicate in Spanish (at the beginning level) in a health care environment. A relevant and precise vocabulary will be introduced as well as cultural innuendos related to Hispanic patients.
Typically offered: As Needed

SPA-1130 Spanish for Health Professionals II (3 Credits)
Requisite(s): SPA-1129
Spanish for Health Professionals II is a continuation of Spanish for Health Professionals I. These courses are designed for students in medical fields. Students must complete Spanish for Health Professionals I. If the student is of Spanish heritage and has basic knowledge of the language, he or she will be placed in this course only after taking and passing a placement exam. This exam is administered by the Language Coordinator. Spanish for Health Professionals II will help students to develop and strengthen the skills necessary to understand and communicate in Spanish at an intermediate level in a health care environment. A relevant and precise vocabulary will be introduced as well as cultural innuendos related to Hispanic patients. The course offers health professionals the practical vocabulary and medical terminology to gather patient's medical information, to be able to explain medical conditions, body parts that are affected, the illness that is 2 diagnosed, and the process to be followed: surgery, rehabilitation, and other treatments. The main emphasis of the course is communication and a relation between health professionals and patients that leads to excellence in treatment, comfort and positive patient outcomes.
Typically offered: As Needed

SPA-2103 Lower Intermediate Spanish (3 Credits)
Requisite(s): SPA-1102
The control of elementary audio-lingual skills and their further development; emphasis on developing reading skills. Students should have three years of language reading and conversation in high school, a passing score on a placement test, or SPA-1102 before enrolling in this course.
Typically offered: Fall Only

SPA-2104 Upper Intermediate Spanish (3 Credits)
Requisite(s): SPA-2103
Continuation of SPA-2103.
Typically offered: Spring Only

SPA-2115 Conversation in Spanish (3 Credits)
Requisite(s): SPA-2104 or SPA-1105
A conversation course based on everyday topics and readings from a wide range of literary and non-literary sources.
Typically offered: Spring Only

SPA-2201 Contemporary Readings of Spain and Latin America I (3 Credits)
Requisite(s): SPA-2104
Reading and discussion of major works of Spanish and Latin American literature.
Typically offered: Fall Only

SPA-2202 Contemporary Readings of Spain and Latin America II (3 Credits)
Requisite(s): SPA-2201
Continuation of SPA-2201.
Typically offered: Spring Only

SPA-3302 Contemporary Spanish Literature 1898 to Present (3 Credits)
Requisite(s): SPA-2202
A study of the outstanding authors of the 20th century and their works.
Typically offered: Fall Only

SPA-3305 History of Spanish-American Literature I (3 Credits)
Requisite(s): SPA-2104
Selections from principal Spanish-American writers from the 16th century to the present.
Typically offered: Fall Only

SPA-3306 History of Spanish-American Literature II (3 Credits)
Requisite(s): SPA-3305
Continuation of SPA-3305
Typically offered: Spring Only

SPA-3402 Spanish Civilization and Culture (3 Credits)
Requisite(s): ICS-1240,ICS-1241
A study of the characteristics of Spanish culture based upon anthropological and sociological studies; humanistic and scientific contributions to civilization; reading and reports.
Typically offered: Fall Only

SPA-3411 Latin American Nobel Laureates in Literature (3 Credits)
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 will read, listen to, and view works of prose, poetry, and drama from Latin American Nobel Laureates.
Typically offered: Spring Only

SPA-3414 Hispanic Caribbean Culture and Literature (3 Credits)
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 will explore their contributions to literature, art, music, and film.
Typically offered: Fall Only

SPA-4308 Advanced Spanish Conversation (3 Credits)
Requisite(s): SPA-2202
A course to develop the technique and vocabulary of discussion as a supplement to expression in the areas of expertise.
Typically offered: Fall Only

SPA-4407 Cervantes (3 Credits)
Requisite(s): SPA-2103
An analysis of Cervantes' works and their importance in the literature of the Siglo de Oro; readings and discussions; reports.
Typically offered: Spring Only

SPA-4415 Puerto Rican Literature: Ethnicity and National Identity in Poetry, Fiction, And Essays (3 Credits)
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 will be presented for discussion.
Typically offered: Fall Only

SPA-4417 Visual Arts in Latin American Culture (3 Credits)
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 the most important Latin American artists, writers, and directors.
Typically offered: As Needed

SPA-4419 Travel and Study in Spain, Latin America, or the Caribbean (3 Credits)
Offered in conjunction with a trip to Spain, Latin America, or the Caribbean conducted 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: (a) Spain and/or Portugal; (b) the Caribbean and/or Central America; and (c) South America.
Typically offered: As Needed

SPA-4995 Independent Study in Spanish (1-3 Credits)
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.
Typically offered: On Demand

SPA-4998 Senior Thesis in Spanish (4 Credits)
Requisite(s): Senior standing
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 will apply. The student will choose his/her topic and mentor with the approval of the chairperson of the department. The student will meet regularly with the mentor throughout the semester. The thesis may be written in either English or Spanish per the agreement of the student, mentor, and chairperson.
Typically offered: On Demand

SPA-5401 Latino Culture and Literature (3 Credits)
Cross-listed with: ICS-5341. 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 Garca, Achy Obeja, Rosario Ferr, Gloria Anzalda and James de la Vega. Open to students in the Honors Program only.
Fulfills General Education Requirement: HCE, WHG
Typically offered: Spring Only

Special Education (SED)

SED-2040 Introduction to Special Education (3 Credits)
Requisite(s): Complete ED-1201 with a B grade or higher,Overall GPA of 3.0 required,Complete ED-2020 with a B grade or higher
This course is designed to provide teacher candidates with an overview of the current policies, laws, specialized services, as well as evidence-based instruction of learners with special needs in the general, inclusive, and special education setting. 15 hours of fieldwork is required. Open to both childhood and adolescent education majors. 3.0 CUM GPA is a required
Typically offered: All Sessions

SED-6000 Historical, Social and Legal Foundations Of Special Education (3 Credits)
Requisite(s): SED-6101-Concurrently
In this course students examine the historical foundations, legislative movements, and major court rulings in the provision of educational services for individuals with a wide range of disabilities. Topics to be addressed include federal and state mandates, due process rights and procedures, high-quality testing and evaluation, early intervention and transitional services, least restrictive environments, reasonable modifications, people-first language, and the availability of assistive technology in the education of students with disabilities. The development of a framework for removing barriers that enable an equal opportunity to benefit from all programs, services, and activities is highlighted.
Typically offered: All Sessions

SED-6101 Child Growth and Development (3 Credits)
Requisite(s): SED-6000 concurrently
In this course students examine the theory and principles of human growth and development including the cognitive, emotional, sociocultural, and physical processes that impact typical and atypical development and learning. The course draws on the stage theories of Bandura, Bowlby, Erikson, Freud, Gilligan, Kohlberg, Piaget, and Vygotsky as orientations in investigating key questions in understanding growth milestones, including the impact of disibilities on academic performance. Awareness of the multidimensional and multicontextual underlying principles of development to inform effective evidence-based instruction in the 21st century inclusive classroom, and a pedagogical stance that enables all students to achieve educational outcomes are emphasized.
Typically offered: All Sessions

SED-6102 Characteritics of Students With Disabilities (3 Credits)
Requisite(s): SED-6000,SED-6101,SED-6103-concurrently
In this course students examine the characteristics of students with disabilities specified under IDEA, including Specific Learning Disabilities (SLD), Autism Spectrum Disorder (ASD), Speech and Language Impairment, Visual Impairment, Emotional Disturbance, Orthopedic Impairment, Intellectual Disability, and Other Health Impairments. Emphasis is placed on collaboration in the referral process, the architecture of Individualized Education Plans (IEPs), and the important role educators play in identifying individual learner characteristics to design instructional and behavioral interventions and ensure that they are receiving the services they need to achieve educational outcomes.
Typically offered: All Sessions

SED-6103 Assessment, Diagnosis, and Evaluation of Students With Disabilities (3 Credits)
Requisite(s): SED-6000,SED-6101,SED-6102-concurrently
In this course students examine the categories of disability served under The Individuals with Disabilities Act (IDEA) and the diagnostic assessments that are used in determining eligibility for special education services. Emphasis is placed on investigating assessment in context using an in-depth case method approach to be able to analyze the components of a comprehensive evaluation, interpret psychoeducational reports, as well as collaboration in the development of Individualized Education Plans (IEPs) that address the specific characteristics of learners with disabilities. Field experience required (10 hours).
Typically offered: All Sessions

SED-6201 Curriculum & Methods of Instruction for Teaching Students With Disabilities (3 Credits)
Requisite(s): SED-6000,SED-6101,SED-6102,SED-6103
In this course students explore curricula and validated methods of instruction for teaching students with disabilities, special health care needs, and other exceptionalities in the inclusive classroom. Topics to be addressed include the qualities of successful teachers of inclusive instruction, specific instructional strategies and adaptations across the content areas, accommodations and modifications in the assessment of student learning, collaborative planning and co-teaching, and promoting success for all learners. Emphasis is placed on instructional design for inclusive education and critical practices for affirming diversity. Field experience required (10 hours).
Typically offered: All Sessions

SED-6202 Management of Learning Environments For Students With Disabilities (3 Credits)
Requisite(s): SED-6000,SED-6101,SED-6102,SED-6103,SED-6201-Concurrently
In this course students examine best practices and multi-tiered systems of support in establishing classroom behavior management systems and increasing participation in activities for students with disabilities in inclusive settings. Major topics addressed include Positive Behaviors Interventions and Supports (PBIS), functional behavior assessment, preventative and corrective behavior intervention plans, research-validated behavioral interventions, and cultural competency in working with emotional and behavioral disorders to reduce disproportionality in school discipline. Collaborative and practical support services in the general education classroom are also addressed. Fieldwork experience required (20 hours).
Typically offered: All Sessions

SED-6203 Collaborative Partnerships in Special Education (3 Credits)
Requisite(s):
SED-6000,SED-6101,SED-6102,SED-6103,SED-6201,SED-6202
In this course students examine effective strategies in establishing collaborative partnerships with general education teachers, paraprofessionals, support staff, and actively involving families in educational decision making to ensure the success of students with disabilities and other exceptionalities. The topics to be introduced include consultation with general education teachers, discussing eligibility for services, organizing and facilitating effective IEP meetings and productive parent-teacher conferences, meaningful family involvement, conferencing skills, empathic listening, reviewing behavior intervention plans, and coordination of resources to maximize student learning. The need for awareness of diversity among families and culturally responsive practices are highlighted.
Typically offered: All Sessions

SED-6204 Literacy Interventions for Students With Disabilities (3 Credits)
Requisite(s):
SED-6000,SED-6101,SED-6102,SED-6103,SED-6201,SED-6202,SED-6203-concurrently
In this course students examine the implementation of research-based reading and writing interventions to support a wide range of learners with disabilities and other exceptionalities in the acquisition of critical literacy skills for use inside and outside of the classroom. Guidelines in evaluating curricular materials that promote high-quality, meaningful, generative, and socially-based forms of literacy are emphasized.
Typically offered: All Sessions

SED-6301 Literacy Interventions for English Language Learners (3 Credits)
Requisite(s):
SED-6000,SED-6101,SED-6102,SED-6103,SED-6201,SED-6202,SED-6203,SED-6g2ra0d4,uSaEtDe-s6t3a0n2d-ing and approval of the department chairperson. concurrently
In this course students examine evidence-based practices and interventions across the curriculum to promote higher levels of achievement for English Language Learners with academic challenges and those who have been referred for special education services. Emphasis is placed on the literacy skills of listening, speaking, reading, and writing to native English speakers and students who are English language learners. Culturally and linguistically responsive Multi-Tiered System of Supports (MTSS) in the process of assessment, instruction, and collaborative partnerships are also integral components of the course. Field experience required (10 hours).
Typically offered: All Sessions

SED-6302 Education of Students With Autism (3 Credits)
Requisite(s):
SED-6000,SED-6101,SED-6102,SED-6103,SED-6201,SED-6202,SED-6203,SED-6S2P0M4, -S2E0D5-063F0a1c-ility and Event Management (3 Credits)
concurrently
In this course students examine the etiology, prevalence, and identification of Autism Spectrum Disorders (ASD) with an emphasis on evidence-based instructional methods and positive behavioral interventions used to support students in the areas of communication, social interaction, and play. Effective collaboration between school personnel and parents/guardians, as well as the availability of services and systems of support to maximize learner potential are also addressed.
Typically offered: All Sessions

SED-6303 Assistive and Instructional Technologies In Special Education (3 Credits)
Requisite(s):
SED-6000,SED-6101,SED-6102,SED-6103,SED-6201,SED-6202,SED-6203,SED-6e2ff0e4c,StiEveDn-6e3s0s,1d,SeEsDig-n630op2t,iSoEnsD,-6p9o9w0e-r, politics, conflict, and decision making within sport organizations. The student 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.
concurrently
In this course students explore the application of assistive technology approaches and accommodations that maximize the learning potential for learners with disabilities and special needs including sensory, speech, language, and orthopedic impairment. Special attention is paid to current legislation governing assistive technology and interdisciplinary collaboration in identifying and evaluating instructional software/devices that can be used across the content areas to increase educational access and enable achievement for all learners.
Typically offered: All Sessions

SED-6990 Supervised Practicum in Childhood Special Education (3 Credits)
Requisite(s): SED-6303-concurrently
In this course students complete the formal supervised clinical component of the Masters in Childhood Special Education Program. The clinical experience offers teacher candidates an opportunity to gain direct practical experience in teaching students with disabilities in the general education classroom, including planning for and delivering instruction; implementing proactive strategies for managing behaviors; responding to the social, emotional, and behavioral needs of students with learning disabilities; differentiating instruction; evaluating and assessing student progress; communicating with parents/caregivers; and, collaborating within a multitiered support system in providing educational services to students with disabilities.
Typically offered: All Sessions

SED-6995 Independent Study in Special Education (1-3 Credits)
Graduate students only. Independent research and study in a topic in Special Education including submission of a written report. Prerequisites:
Typically offered: As Needed

Sports Management (SPM)

SPM-1001 Introduction to Sports Management (3 Credits)
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

Requisite(s): SPM-1001
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.
Typically offered: As Needed

SPM-2070 Organization Theory in Sport Management (3 Credits)
Requisite(s): Take BUS-1001 or SPM-1001
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,

SPM-2080 Sports and the Law (3 Credits)
Requisite(s): SPM-1001
Cross-listed with: BL-2401. 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.
Typically offered: As Needed

SPM-4001 Special Topics: Sports & Society (3-5 Credits)
This course analyses contemporary issues in sports and encourages students to think critically about the impact of athletics on American culture and society; as well as an in-depth look beyond wins and loses. A history of the development and dynamics of sports will also be reviewed. Other topics include the influence of sports on race, gender, politics, economy, etc.
Typically offered: As Needed

SPM-4002 Special Topic: Professional & Collegiate Sports and Governing Organizations (3 Credits)
Requisite(s): SPM-1001
An examination of American sports leagues, conferences and governing bodies. Topics that will be covered include: how the governing organizations were formed; problems faced in governing professional and collegiate sports; the relationship between member institutions and governing bodies; the role of the commissioner; governing organizations and their role in disciplining member institutions; realignment and expansion; marketing; public relations, licensing; athletic scholarships, Title IX.
Typically offered: Spring Only

SPM-4003 Special Topic: Sports, Social Media and Engagement (3 Credits)
Requisite(s): SPM-1001
The digital sports landscape has changed substantially over the past 10 years, and it has altered the way content is produced and consumed. Professional sports leagues, teams, and athletic departments must keep up with the demand to provide value to fans and sponsors through engaging content. This course will cover social media techniques and strategies in a sports setting, both from an academic and practitioner perspective. Additional topics include mobile, data, branding, monetization, current news topics, and participation in sports-social media conversations, among others.
Typically offered: As Needed

Women's and Gender Studies (WGS)

WGS-2001 Introduction to Gender Studies (3 Credits)
Requisite(s): COM-1000 or WRI 1100
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.
Fulfills General Education Requirement: SEH
Typically offered: All Sessions

Writing (WRI)

WRI-1000 Basic Writing (3 Credits)
Basic writing skills are practiced in order 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. Students who have successfully completed WRI 1100 cannot register for WRI 1000.
Typically offered: All Sessions

WRI-1100 Writing and Research (3 Credits)
Requisite(s): Complete WRI-1000 or placement by examination
The course guides students in the process of improving writing skills. Through individual work and peer groups. The course will offer 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.
Fulfills General Education Requirement: WRI1
Typically offered: All Sessions

WRI-1500 Advanced Composition (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
A writing portfolio-based course focusing the acquisition and practice of strategies a writer may use to predict a reader's response. The writing will be 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 will be revised, edited, and selected for the final presentation portfolio. Readings associated with stylistic development may be used.

WRI-2100 Writing Fiction (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
Students will learn the art and craft of writing fiction in a workshop environment. Participants will read from master writers; they will write original pieces and revise them. The workshop process includes having student work discussed and critiqued by the instructor and by fellow students. Class participation is essential.
Fulfills General Education Requirement: HCE
Typically offered: Fall Only

WRI-2250 Business Communications (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101
This course will provide instruction and practice in business writing and professionalism.
Typically offered: As Needed

WRI-2606 Topic: Telling Our Stories: Theory and Practice of Autobiographical (3 Credits)
Requisite(s): Take WRI-1100 or HON-5101;
In this course, we will experiment with autobiographical writing exercises of our own as we read, listen to and view works of autobiographical writing-from memoir and autobiographical fiction to graphic memoir, podcasts and stand-up comedy. Students will become familiar with critical concepts, terms and approaches used to analyze life narratives, and with debates relating to authenticity, identity, truth, memory, culture and self-representation.

WRI-7010 Introductory Residency (4 Credits)
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.
Typically offered: All Sessions

WRI-7020 Intermediate Residency 2 (4 Credits)
Requisite(s): WRI-7010,WRI-7210, WRI-7310, WRI-7410, WRI-7510, or WRI-7610
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.
Typically offered: All Sessions

WRI-7030 Intermediate Residency 3 (4 Credits)
Requisite(s): WRI-7010,WRI-7220, WRI-7320, WRI-7420,WRI-7520 or WRI-7620
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.
Typically offered: All Sessions

WRI-7040 Master Residency (4 Credits)
Requisite(s): WRI-7030,WRI-7230, WRI-7330, WRI-7430, WRI-7530 or WRI-7630
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.
Typically offered: All Sessions

WRI-7210 Intro MFA Fiction Workshop & Practicum (4 Credits)
Requisite(s): Take WRI-7010;
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.

WRI-7220 Interm MFA Fiction Workshop & Practicum (4 Credits)
Requisite(s): Take WRI-7010;,WRI-7210,WRI-7020
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.
Typically offered: As Needed

WRI-7230 Advanced MFA Fiction Wksp & Practicum (4 Credits)
Requisite(s): WRI-7010,WRI-7210,WRI-7020,WRI-7220,WRI-7030
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.
Typically offered: As Needed

WRI-7240 Thesis: MFA Fiction Wksp & Practicum (4 Credits)
Requisite(s): Take WRI-7010;,WRI-7210,WRI-7020,WRI-7220,WRI-7030,WRI-7040,WRI-7230
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.
Typically offered: As Needed

WRI-7310 Intro MFA Poetry Workshop & Practicum (4 Credits)
Requisite(s): Take WRI-7010;
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.
Typically offered: As Needed

WRI-7320 Intermediate MFA Poetry Wksp & Prac (4 Credits)
Requisite(s): WRI-7010;,WRI-7310,WRI-7020
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.

WRI-7330 Advanced MFA Poetry Wksp & Practicum (4 Credits)
Requisite(s): WRI-7010;,WRI-7310,WRI-7020,WRI-7320,WRI-7030
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 workshopping 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.

WRI-7340 Thesis: MFA Poetry Wksp & Practicum (4 Credits)
Requisite(s):
WRI-7010;,WRI-7310,WRI-7020,WRI-7320,WRI-7030,WRI-7330,WRI-7040
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 workshopping 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.

WRI-7410 Intro MFA Playwriting Workshop & Pract (4 Credits)
Requisite(s): Take WRI-7010;
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.
Typically offered: As Needed

WRI-7420 Interm: MFA Playwriting Wksp & Prac (4 Credits)
Requisite(s): WRI-7010;,WRI-7410,WRI-7020
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.
Typically offered: As Needed

WRI-7430 Advanced MFA Playwriting Wksp & Prac (4 Credits)
Requisite(s):
WRI-7010;,WRI-7410,WRI-7020,WRI-7420,WRI-7030,WRI-7040
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.
Typically offered: As Needed

WRI-7440 Thesis MFA Playwriting Wksp & Prac (4 Credits)
Requisite(s):
WRI-7010;,WRI-7410,WRI-7020,WRI-7420,WRI-7030,WRI-7430,WRI-7040
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.
Typically offered: As Needed

WRI-7510 Intro MFA Nonfiction Workshop & Pract (4 Credits)
Requisite(s): Take WRI-7010;
In this one-on-one tutorial with a faculty member, students create and revise original nonfiction through the analysis and use of established literary and commercial techniques. To inform their own work, students read from master practitioners and learn the techniques of research and reporting through real-world practice. The individualized method of study introduces students to the editor-writer relationship and assures students of the support and critique needed to advance their literary and personal goals.
Typically offered: As Needed

WRI-7520 Intermediate MFA Nonfict Wksp & Pract (4 Credits)
Requisite(s): Take WRI-7010;,Take WRI-7020,Take WRI-7510
In this one-on-one tutorial with a faculty member, students create and revise original nonfiction through the analysis and use of established literary and commercial techniques. To inform their own work, students read from master practitioners and learn the techniques of research and reporting through real-world practice. The individualized method of study introduces students to the editor-writer relationship and assures students of the support and critique needed to advance their literary and personal goals. Emphasis is placed on revision and manuscript development, the crafting of narrative, and the various collaborative aspects of the writing process.
Typically offered: As Needed

WRI-7530 Advanced MFA Nonfict Wksp & Practicum Intermediate MFA Nonfict Wksp & Pract (4 Credits)
Requisite(s): Take WRI-7520
In this one-on-one tutorial with a faculty member, students create and revise original nonfiction through the analysis and use of established literary and commercial techniques. To inform their own work, students read from master practitioners and learn the techniques of research and reporting through real-world practice. The individualized method of study introduces students to the editor-writer relationship and assures students of the support and critique needed to advance their literary and personal goals. Emphasis is placed on self-assessment skills, craft issues across nonfiction practices, and an exploration of the larger literary community.
Typically offered: As Needed

WRI-7540 Thesis Nonfiction Workshop and Practicum Thesis Nonfiction Workshop and Practicum (4 Credits)
Requisite(s): Take WRI-7530
In this one-on-one tutorial with a faculty member, students create and revise original nonfiction through the analysis and use of established literary and commercial techniques. To inform their own work, students read from master practitioners and learn the techniques of research and reporting through real-world practice. The individualized method of study introduces students to the editor-writer relationship and assures students of the support and critique needed to advance their literary and personal goals. Emphasis is placed on the literary and media marketplace, completing a polished thesis-length manuscript, and writing as a profession.
Typically offered: As Needed

WRI-7610 Intro MFA Graphic Writing Wksp & Pract (4 Credits)
Requisite(s): Take WRI-7010;
In this one-on-one tutorial with a faculty member, students create original scripts for graphic novels, focusing on structure, visual storytelling, dynamic artists' instructions, pacing, and the differences between graphic storytelling and other types of writing. Students have a choice of writing an original comic book script, or writing a spec script based on existing characters, including iconic superheroes. To inform their work, students read from key writers in the genre and assigned chapters of key texts on creating graphic novels. Emphasis is placed on writing exercises, the revision process, and helping students develop a voice and style that best suits their chosen approach.
Typically offered: As Needed

WRI-7620 Intermediate MFA Graphic Wri Wksp & Pra (4 Credits)
Requisite(s): Take WRI-7010;,Take WRI-7020,Take WRI-7610
In this one-on-one tutorial with a faculty member, students produce and revise an original comic book of 20-22 pages, an original series of comics, or an original longer form graphic novel, with an emphasis on revision and manuscript development, and an exploration of the collaborative aspects of the comics creation process. To inform their own work, students read from master comics writers. Emphasis is placed on moving stories forward with images/artistic instructions, as well as with dialogue and action.
Typically offered: As Needed

WRI-7630 Adv MFA Graphic Writing Wksp & Prac (4 Credits)
Requisite(s): Take WRI-7620
In this one-on-one tutorial with a faculty member, students produce and revise original work through the application of established techniques. To inform their own work, students read from masters of the genre, focusing on moving stories forward with descriptions of graphics, dialogue, and action. Ongoing communication with a faculty mentor assures students of the support and critique needed to advance their literary and personal goals. Emphasis is placed on self-assessment skills, craft issues, structural issues, career preparation, and strategies related to creating a long-form comics series or graphic novel.
Typically offered: As Needed

WRI-7640 Adv MFA Graphic Writing Wksp & Prac (4 Credits)
Requisite(s): Take WRI-7630
In a one-on-one tutorial with a faculty member, students produce and revise an original comics series or graphic novel through the application of established production techniques. To inform their own work, students read from masters of the genre, focusing on voice, styles, dialogue, graphics descriptions, action, and suspense. Ongoing communication with faculty assures students of the support and critique needed to advance their literary and personal goals. Emphasis is placed on the comics marketplace and an exploration of careers in comics.
Typically offered: As Needed

WRI-7900 MFA Thesis Residency (4 Credits)
Requisite(s): WRI-7040,,Successful completion of all for residencies,WRI-7240, WRI-7340 or WRI-7440,,Successful completion of all four workshops/practicums in,program track
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. The submission of a creative thesis-a novella, a chapbook of poetry, a short story collection, a full script for a play or film-is to be finished and presented during the student's final semester. The aim is to produce work of literary merit that is worthy of publication or performance. The project must be approved the thesis adviser and the director of the Creative Writing Program. A second reader is agreed upon by the mentor and director of the Program. MFA candidates complete theses which must meet the following guidelines: Poetry: minimum 30 poems for a chapbook Fiction: 5 short stories or at least 150 pages of a novel Screenwriting/Playwriting/Writing for Performance: full script. 80-120 pages in length
Typically offered: As Needed

WRI-7990 MFA Thesis Residency (4 Credits)
Requisite(s): WRI-7040,,Successful completion of all for residencies,WRI-7240, WRI-7340 or WRI-7440,,Successful completion of all four workshops/practicums in,program track
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. The submission of a creative thesis-a novella, a chapbook of poetry, a short story collection, a full script for a play or film-is to be finished and presented during the student's final semester. The aim is to produce work of literary merit that is worthy of publication or performance. The project must be approved the thesis adviser and the director of the Creative Writing Program. A second reader is agreed upon by the mentor and director of the Program. MFA candidates complete theses which must meet the following guidelines: Poetry: minimum 30 poems for a chapbook Fiction: 5 short stories or at least 150 pages of a novel Screenwriting/Playwriting/Writing for Performance: full script. 80-120 pages in length
Typically offered: All Sessions

DIRECTIONS TO CAMPUS

St. Francis College is located in downtown Brooklyn at 179 Livingston Street. The College is a few blocks from Borough Hall, the Brooklyn courthouses, and various municipal buildings. The College is very close to the Brooklyn Heights Promenade and MetroTech Center.

Within a short distance from 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.

Click here (https://www.sfc.edu/admissions-aid/visit-sfc/) for directions.

INDEX

A

Academic Life 6
Academic Policies 10
Academic Programs 18
Accounting (ACC) 138
Accounting and Business Law 32
Accounting (C.P.A. Track), Combined BS/MS 34
Accounting (Non-C.P.A. Track), 130-Hour B.S. 35
Adolescence Education (AED) 141
Adolescent Education (Biology), BS 60
Adolescent Education (Chemistry), BS 61
Adolescent Education (English), BA 62
Adolescent Education (Mathematics), BS 63
Adolescent Education (Social Studies), BA 64
American Studies 38
American Studies (AMS) 141
American Studies Minor 39
Applied Behavioral Psychology, BA/MA 125
Arthur Miller Jrnl Internship (AMJ) 141

B

Biology 40
Biology, B.S 41
Biology (BIO) 142
Biology Minor 43
Biomedical Science (Podiatric Medicine) B.S 81
Business Administration, AAS 97
Business (BUS) 147
Business Law (BL) 150
Business Minor 103

C

Campus Life and Student Affairs 6
Career Planning Seminar (CPS) 151
Catalogue 4
Center for Women's and Gender Studies 136
Chemistry and Physics 43
Chemistry, BS 44
Chemistry (CHE) 151
Chemistry Minor 45
Childhood Education (Biology), BS 65
Childhood Education (CED) 154
Childhood Education (English), BA 66
Childhood Education (Mathematics), BS 67
Childhood Education (Social Studies), BA 68
Communication Arts 46
Communication Arts, B.A 46
Communication Arts, B.A. — Concentration in Advertising/Public Relations 46
Communication Arts, B.A. — Concentration in Digital Media: Film, Broadcasting and Journalism 46
Communication Arts, B.A. — Concentration in English and Communications 46
Communication Arts Minor 46
Communications (COM) 154
Corporate Accounting Minor 36
Courses of Instruction 138
Creative Writing (Fiction), MFA 93
Creative Writing (Poetry), MFA 93
Creative Writing (Screenwriting and Playwrighting), MFA 93
Criminal Justice, AAS 130
Criminal Justice, BS 131
Criminal Justice (CJ) 162
Criminal Justice Minor 134
Cross-Cultural and Multicultural Psychology Minor 128

D

Diagnostic Medical Sonography (DMS) 166
Directions to Campus 261
Drama Minor 92

E

Early Childhood Education (EC) 168
Economics, BA 48
Economics (Concentration in Finance), BA 49
Economics (Concentration in International Economics), BA 50
Economics (Concentration in Public Policy), BA 51
Economics (ECO) 168
Economics, History, Political Science and Social Studies 46
Economics Minor 56
Education 57
Education (ED) 171
Entrepreneurship (ENT) 172
Entrepreneurship Minor 103
Environmental Studies 71
Environmental Studies Minor 72
Exercise Movement Science, B.S 82

Exercise Movement Science (EXM) 174

F

Fashion and Retail Management Minor 103
Finance (FIN) 177
Financial Aid 27
Financing Your Education 25
Fine Arts (FA) 178
Fine Arts Minor 78
Fitness and Health (FIT) 181
Forensic Science Minor 134
French (FRE) 182
French Minor 78
Freshman Orientation (SFC) 183

G

General Information 6
General Psychology MA 127
Graduate Division 17
Greek (GRK) 183

H

Health Care (HC) 183
Health Care Management, B.S 83
Health Promotion and Science, B.S 83
Health Promotion and Science Minor 85
Health Science and Leadership 80
Health Science (HS) 185
History, BA 52
History (HIS) 187
History Minor 56
Honors 86
Honors (HON) 191
Human Resources (HR) 192

I

Information Technology, BS 98
Information Technology (IT) 193
Information Technology Minor 103
Instructional Support 7
Interactive Multimedia Minor 103
Interdisciplinary Studies 73
Interdisciplinary Studies, BA 75
Interdisciplinary Studies (IDS) 199
International Cultural Studies (International Business), BA 76
International Cultural Studies (Latin American and Caribbean Studies), BA 76
International Cultural Studies Minor 78
International Cultural Studies (Western European Studies), BA 76
Internat'l Cultural Studies (ICS) 199
Italian (ITA) 199
Italian Minor 78

L

Latin (LAT) 200
Liberal Arts 88
Liberal Arts, AA 89
Literature, Writing & Publishing (LWP) 200
Literature, Writing and Publishing 90
Literature, Writing and Publishing, BA 91
Literature, Writing and Publishing Minor 92

M

Management and Information Technology 93
Management, BS 99
Management (Business Management), MS 101
Management (Digital Marketing), MS 102
Management (Health Care Management), MS 102
Management (MGT) 210
Management (Project Management), MS 103
Management (Social Innovation & Entrepreneurship), MS 103
Marketing (MKT) 211
Mathematics 105
Mathematics, BS 106
Mathematics (MAT) 213
Mathematics Minor 107
Message from the President 5
Music Minor 78

N

Nursing 108
Nursing Completion Program, BS 112
Nursing (NUR) 216
Nursing Traditional Four-Year Program, BS 110

P

Payment Options 26
Personal Training Minor 71
Philosophy and Religious Studies 114
Philosophy, BA 115
Philosophy Minor 117

Philosophy (PHI) 219
Physical Education (PE) 224
Physical Education—Initial Certificate (Grades K-12), BS 70
Physics (PHY) 226
Political Science, BA 54
Political Science Minor 56
Political Science (PSC) 226
Pre-Health Professions Programs 118
Professional Accountancy, MS 37
Professional Studies 119
Professional Studies, BS 120
Programs of Study 31
Project Management Minor 104
Project Management (PM) 229
Psychology 121
Psychology, BA 123
Psychology Minor 128
Psychology (PSY) 230
Public Health Minor 85

R

Radiation Therapy (RTT) 238
Radiography Courses (RTR) 240
Radiologic Science (RS) 242
Radiologic Sciences, B.S. 84
Religious Studies, BA 116
Religious Studies Minor 117
Religious Studies (REL) 243

S

Science (SCI) 246
Social Studies, BA 56
Social Studies (SS) 246
Sociology and Criminal Justice 129
Sociology, BA 132
Sociology Minor 134
Sociology (SOC) 246
Sociology (Social Work), BA 133
Spanish, BA 76
Spanish Minor 78
Spanish (SPA) 251
Special Education (SED) 252
Sports Management Minor 104
Sports Management (SPM) 254
Suspended Programs 137

T

Tuition Cancellation Policy 26

U

Undergraduate Admission 6

W

Women’s and Gender Studies 135
Women’s and Gender Studies Minor 136
Women's and Gender Studies (WGS) 255
Writing Minor 93
Writing (WRI) 255