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Undergraduate

Students are advised that the information in this Catalog is subject to change at the discretion of the University which reserves the right to add, amend, or repeal any of its regulations, policies, and programs, in whole or in part, at any time. Students are further advised that it is their responsibility to consult with the appropriate Dean of the School they are enrolled in for current information. The contents of this Catalog constitutes a contract between Saint Peter's University and the students.

The material herein applies to the 2023-2024 academic year.

Main Campus

2641 John F. Kennedy Boulevard, New Jersey 07306 (201) 761-6000

www.saintpeters.edu (<http://www.saintpeters.edu>)

Introducing Saint Peter's University

Dear Students:

Saint Peter's University is an academic community committed to high standards and the pursuit of excellence both in and out of the classroom. The community is built on a partnership between students who are willing to accept responsibility as fully engaged learners, and the University, which is dedicated to offering quality instruction and excellent services to support student success. This Catalog serves to communicate the expectations of all community members towards fostering a vibrant learning environment.

The policies and guidelines promulgated in the Catalog set forth standards for respect, active learning, and conduct in accord with the highest ethical and moral values. The Catalog also provides detailed information on the mission and philosophy of a Saint Peter's education in preparing students for lives of learning, leadership, and service. In particular, I encourage all to review the goals of the core curriculum, the heart of our Jesuit education. The departmental pages provide information on the diverse curriculum offerings and the breadth of majors, minors, and concentrations. The pages also list our talented and dedicated faculty who work tirelessly as teachers, researchers, and mentors.

The educational experience at Saint Peter's University seeks to open students' minds to the vast riches of human experience and thought and to promote a greater understanding of our world. We can accomplish this goal through a campus-wide commitment to academic excellence.

Sincerely,

Eugene J. Cornacchia, Ph.D.
President

About the University - Undergraduate

The Mission of Saint Peter's University

Saint Peter's University, inspired by its Jesuit, Catholic identity, commitment to individual attention and grounding in the liberal arts, educates a diverse community of learners in undergraduate, graduate and professional programs to excel intellectually, lead ethically, serve compassionately and promote justice in our ever-changing urban and global environment.

Accreditation

Saint Peter's University is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools. It is recognized by the New Jersey State Department of Education as an approved teacher-training University. Saint Peter's University is a member in good standing of the Association for Advancing Quality in Educator Preparation (AAQEP). Saint Peter's University is working toward accreditation of its educator preparation programs under AAQEP standards with an anticipated quality assurance review in spring 2023. The University's Bachelor of Science in Nursing and Master of Science in Nursing programs are accredited by the Commission on Collegiate Nursing Education. The business program is accredited by the International Accreditation Council for Business Education. The University has registered its programs with the Veterans Administration.

Historical Notes

Saint Peter's University, New Jersey's Jesuit University, was founded in 1872 as an independent liberal arts college. One of 28 colleges and universities in the United States sponsored by the Society of Jesus, Saint Peter's University has become Alma Mater to more than 25,000 graduates and has met the educational needs of many other students. Saint Peter's University began as a men's college. Women were admitted to the evening school for the first time during the 1930's. The College became fully coeducational in 1966 when women were admitted to the day session. In 1979 the College introduced its first graduate program in education. In 2012, Saint Peter's College was recognized by the State of New Jersey as Saint Peter's University.

Today approximately 3,200 full-time and part-time students are enrolled in undergraduate and graduate programs at the main campus in Jersey City.

Profile of the Campus

The main campus of Saint Peter's University has long been a landmark on Kennedy Boulevard in Jersey City. The University's atmosphere, architecture, and activity reflect a dynamic, vital, urban institution offering important intellectual resources to the community. In recent years Jersey City has developed its waterfront area into an impressive hub for business, finance, and new residential opportunities. The New York City skyline, visible from Jersey City, is a constant reminder of the University's proximity to one of the country's major centers of business and culture.

The Jersey City Campus serves students in five schools: the College of Arts and Sciences for traditional age students and graduate programs; and the School of Business Administration for traditional age students and graduate programs; the School of Nursing which houses the undergraduate and graduate nursing programs; the School of Education, which houses the undergraduate and graduate education programs; and the School of Professional Studies (SPS) which provides courses and programs on a part-time basis for students who work during the day and need the convenience of classes on weeknights and Saturdays.

Traditional day students may choose to either commute to campus or reside in one of the University's residence halls. Graduates of many New Jersey and New York high schools regularly commute to the University by car or by public transportation. The Jersey City campus is conveniently located near the Journal Square PATH Station, a major transportation center connecting to Newark, Hoboken and New York City.

Graduate Programs

The mission of the graduate programs emanates from and extends the mission of Saint Peter's University. The graduate programs build on the University's strengths and are responsive to the educational needs of adults who wish to acquire graduate degrees to remain competitive in their chosen careers or to embark upon career changes. Saint Peter's University currently offers seventeen degree programs: Master of Arts in Education, Education Specialist, Master of Arts in Communication and Public Relations, Master of Arts/Science in Industrial Organizational

Psychology, Master of Business Administration, Master of Public Administration, Master of Science in Accountancy, Master of Science in Business Analytics, Master of Science in Cyber Security, Master of Science in Data Science, Master of Science in Finance, Master of Science in Marketing Science, Master of Science in Health Sciences, Master of Science in Nursing, Doctorate in Educational Leadership (K-12), Doctorate in Educational Leadership (Higher Education), and Doctorate in Nursing Practice. Graduate programs may be offered on either campus, at corporate sites, or at selected school districts.

Master of Arts in Education offers concentrations in Educational Leadership, ESL, Higher Education, Pre-School-3, School Counseling, Reading, Teaching, and Special Education. The Master of Arts in Education also offers a program of teacher preparation leading to certification as a K-6 elementary teacher, 6-8 middle school teacher, or 9-12 secondary teacher for individuals who hold a baccalaureate or master's degree, but who have not yet pursued a program in teacher education. In addition, a qualified teacher can pursue certification as a Principal, Supervisor, School Business Administrator, or Reading Specialist.

Master of Arts in Communication and Public Relations prepares students for positions in public relations, public relations management, advertising, and corporate communication. Students will gain the knowledge needed to advance their careers within corporations and non-profit agencies, and gain insight into evolving social media technology's impact on corporate communications.

Master of Business Administration offers concentrations in Cyber Security, Finance, Health Care Administrator, Human Resource Management, International Business, Management, Marketing, and Risk Management. Each program provides an education at the graduate level which meets industry's changing mission to internationalize its market and to utilize traditional as well as high-tech concepts in decision making.

Master of Public Administration prepares graduates for roles in a variety of positions to serve the public trust. The program draws upon the University's expertise in public policy and its unique relationship to the United Nations to help its graduate students better navigate and serve both urban and global communities.

Master of Science in Accountancy deals with the growing complexity of the business world and the resulting demands upon accounting professionals. The program provides the additional tools needed to enhance a practicing accountant's professional skills. Together with an undergraduate degree in accountancy, the M.S. in Accountancy satisfies the 150 credit hour requirement under N.J. law.

Master of Science in Business Analytics is a program designed for working managers and professionals who seek to deepen their industry credentials, data analysis skills and ability to leverage and monetize data in managerial processes and decision making to meet market needs.

Master of Science in Cyber Security provides students with the technical knowledge and skills needed to investigate data breaches, implement security architecture, strategies and recovery plans, and use cyber security and digital forensics software/tool-kits to protect an organization from cyber-attacks. The program prepares students for jobs in the cyber security field including positions as an information security analyst, network architect, systems manager, information assurance analyst/auditor, and detective or criminal investigator.

Master of Science in Data Science integrates courses in analytics and computer science with business and prepares graduates for careers as predictive modelers or analysts in data-driven industries such as marketing, finance, banking, and health care.

Master of Science in Health Sciences prepares future leaders in healthcare to think critically and lead ethically, grounded in the Jesuit values and traditions. To respond to critical needs in various healthcare settings, particularly in our ever-changing, urban and global environment, the MSHS program will prepare graduates to apply leadership skills to meet the challenges facing health care and the healthcare industry, to work collaboratively to care for the whole person, *cura personalis*, for and with the well-being of others.

Master of Science in Finance is a program designed for working professional and full-time and part-time students who wish to gain the expertise to succeed in today's globalized financial world. The Master of Science in Finance degree will provide students with the knowledge and practice knowledge on a host of topics and are well-prepared to pass leading financial certification exams.

Master of Science in Marketing Science is a STEM program designed for students from diverse backgrounds in Business, Marketing, Data, IT and more. Students will enter the marketplace with the ability to understand

critical inquiry through different methods and approaches to evaluating strategies. They will examine the roles of mathematics, analytics, modeling, and psychology in analyzing and interpreting consumer data.

Master of Science in Nursing offers one specialization: Primary Care Adult-Gerontology (Adult-Gerontology Nurse Practitioner) with a functional concentration in Nursing Administration. A Post-Master's Certificate Program is also offered to prepare nurses, who already possess a master's degree in nursing, as adult-gerontology nurse practitioners.

Master of Arts/Master of Science in Industrial Organizational Psychology is a program designed to prepare students for a wide range of career paths in academic, organizational, and consulting settings. Consistent with the model of I/O psychologists as both scientists and practitioners, our program places a heavy emphasis on developing students' research and analytical skills as well as the core skills and knowledge of I/O psychology. The program will prepare students for ethical research and ethical leadership.

Educational Specialist (Ed.S) degree is considered a highly specialized and advanced graduate degree. It is designed for professionals who would like to achieve advanced knowledge and theory; acquire skills in interpreting and using educational research, but do not want to pursue their doctorate.

Doctorate in Educational Leadership (Ed.D.) (K-12) is designed to prepare students on a multitude of levels for academic, administrative, clinical, or research positions in education. The program seeks to enable graduates to facilitate the development, implementation, and stewardship of a vision of learning that is shared and supported by the entire school community. Moreover, as leaders, they will be able to advocate, nurture and sustain a school culture that is conducive to maximized student learning and staff professional growth. All the while, the effective management of the organization will be ensured. Graduates will be prepared to ensure that essential and needed operations and resources for a safe, efficient, and effective learning environment are in place via the program's core values.

Doctorate in Educational Leadership (Ed.D.) (Higher Education) prepares students for careers in higher education administration and leadership. The primary aim of the program is to prepare current administrators, educational leaders, and faculty to take on senior post-secondary leadership roles in community colleges, liberal arts colleges, as well as teaching and research universities. This concentration promotes the development of leadership skills through systematized practice, examination, and research.

Doctorate in Nursing Practice prepares those who are already advanced practice nurses or in administrative roles to build upon a foundation.

The Jesuit Nature of Saint Peter's University

As a Jesuit, Catholic university, Saint Peter's has a long and venerable commitment to academic excellence, to spiritual and moral values, and to the individual personal development of its students. The 450-year-old tradition of Jesuit education is manifested through the University's strong core curriculum, through *cura personalis* (personal care) for its students, and through the cooperation of Jesuits and lay persons in the educational mission of the University.

Through personal counseling, academic advisement, career services, and a vibrant campus life, the University has exemplified its tradition of *cura personalis* by developing various ways of meeting student needs. The intellectual and spiritual dimensions of the Saint Peter's University experience are manifested in many ways – but especially through the interaction of students, faculty, and administrators who work together on University committees and various programs. Incoming students enjoy this relationship immediately through the University Advisement Program. Every new student has an advisor, a member of the faculty or administration who is thoroughly familiar with the University's academic programs and support services. Once students have selected a major, they are assigned an advisor from their major department; however, students who have not declared a major continue with an undeclared advisor.

The Educational Objectives of Saint Peter's University

Saint Peter's University is a humanistic institution where the study of the liberal arts is considered the foundation for all educational programs. The University offers more than 50 bachelor's programs and six associate degree programs, all of which are based on the principle that knowledge in a special field gains depth, broadness of interpretation, and an understanding of moral values only when based on the humanistic disciplines. The purpose of education is to analyze ideas, to probe mysteries, to suggest solutions to problems, to express thoughts, to

understand, and to question the phenomenon of permanence amidst change. In short, education is the process of preparing personally and professionally for one's life work.

Common to all programs at Saint Peter's University is the core curriculum – a series of courses in selected disciplines designed to develop an awareness of the person and one's relationship to others, to the environment, and to the historical accidents which occur. Philosophy and theology are key disciplines in the development of this awareness and are firmly rooted in the tradition of Jesuit education. Courses in history establish the trends which have characterized the responses of various civilizations to war, peace, human rights, and technological developments. Through courses in literature and the arts, an understanding of the creative impulse is developed as well as an ability to interpret symbol and myth. The natural sciences emphasize the very real relationship between society and the universe, as well as the social sciences and the changing behavioral patterns in society.

The self-awareness and values developed as a result of the Saint Peter's experience provide a significant spiritual, intellectual, and cultural basis for specialized studies in the arts, the sciences, and pre-professional programs.

The Saint Peter's Library and Archives

Built in 1967, the Edward and Theresa O'Toole Library contains over 50,000 square feet of space and houses over 218,608 volumes on its four floors. The library subscribes to 1,000 print periodicals and over 50,000 online periodicals including 13,800 e-books. The library offers individual and group study space, computer access, WIFI connectivity to the Internet and a host of in-house and virtual library and information services for both students and faculty. These services include classes on information literacy, as well as how to best access information from around the globe, regardless of format, to meet course objectives and study needs. The library is fully automated. The catalog and links to many important resources are available on the Internet at: <http://saintpeters.edu/library> (<http://saintpeters.edu/library/>) and available on campus as well as remotely.

Access to books or articles that are not in the University's collection can usually be obtained on inter-library loan. The University can also provide students with a referral card to other metropolitan area libraries. The University is only minutes from the Research Libraries of the New York Public Library on 42nd Street in Manhattan and its new building, the Science, Industry and Business Library (SIBL) on 34th Street. Saint Peter's students and faculty also have free access to state-supported university libraries in New Jersey.

The Honorable Frank J. Guarini Center for Community Memory, The Saint Peter's University Archives, Rare Books and Special Collections hold the institutional memory of the University through its collection of documents, photographs and other ephemera as well as the congressional papers. Use of the archives and congressional collections is by appointment, which can be made by contacting the University's archivist. Rare books and special collections can be accessed by making an appointment through the Library Director.

Computer Facilities

Saint Peter's University offers all current students open-door access to computer facilities with over 300 computers in 17 student computer labs. In addition to such basics as Microsoft Office, Internet access, and e-mail, these computers have a variety of software for Mathematical and Statistical Analysis, Computer Programming, Graphic Arts, and other applications. Special software required for particular courses is installed in several labs. The University has migrated classroom and lab computers to the faster, secured server-based VDI system.

All computer labs and classrooms are connected to the campus LAN and to the Internet. Every student has his/her own network account. E-Mail and Blackboard, the University's online learning system, are accessed from any computer with an Internet connection.

Over 60 classrooms are equipped with computers, video projectors, and other multimedia hardware for computer-supported instruction. Both campuses have the University's wireless network, and almost all residence halls have data connections in each student's room. Use of Saint Peter's University facilities and network infrastructure is governed by the Acceptable Use Policy which is published on our website.

Campus Life and Activities

Campus life at Saint Peter's is vibrant and inspiring, and students are encouraged to take part in all that the University offers. Academic life is enriched by many programs and services which complement classroom instruction. Among those opportunities open to students is the Center for Counseling and Psychological Services, which assists students with their social, psychological, and academic adjustment to college; the Center for Career Engagement and

Experiential Learning which offers assistance in career planning, sponsors on-campus recruiting and career fairs, and helps students search for meaningful full-time positions; a Cooperative Education and Internship Program which assists students in searching for part-time positions, internships, and/or summer positions, as well as opportunities to earn money and college credit for practical experience; a Campus Ministry Office which provides religious services, retreats, interfaith dialogue opportunities, and pastoral counseling; and an Office of Community Service, which offers opportunities for volunteer service and a co-curricular service component.

The Office of Student Life and Development sponsors annual events on campus featuring popular entertainment, guest lecturers, and social events, both on-and off-campus. Jersey City and New York City, just a short distance away, offer diverse cultural opportunities. Students make friends and master new skills in the dozens of student clubs and organizations, activities, and events that make up campus life. Student organizations include the Student Senate, Commuter Student Association, Student Entertainment Board, performing arts groups such as the Argus Eyes Drama Society, student publications such as *The Saint Peter's Tribune* (the student newspaper), professional and academic groups, and ethnic culture clubs. Leadership programs, such as the Emerging Leaders and Existing Leaders, offer opportunities for students to develop leadership and organizational skills.

Saint Peter's Recreational Life Center offers facilities for tennis, swimming, basketball, volleyball, weight training, racquetball, golf, fitness, aerobics, and martial arts. Each year over 800 men and women participate in an extensive intramural program. Complimentary fitness classes are offered to all students throughout the year. Aquatics programming, including swimming lessons and a certifications course are regularly offered at the RLC pool.

Saint Peter's University sponsors 17 NCAA Division I intercollegiate sports and the co-ed activity of cheerleading. The NCAA Division I sports for men are: baseball, basketball, cross country, golf, soccer, swimming and diving, track and field (indoor), and track and field (outdoor). The 10 NCAA Division I sports for women are: basketball, cross country, soccer, softball, swimming and diving, track and field (indoor), track and field (outdoor), and volleyball. Saint Peter's is a member (one of the six founding members) of the Metro Atlantic Athletic Conference.

No discussion of college life would be complete without mentioning the vibrant community of on-campus residents. Saint Peter's University can now boast having seven residence halls, both traditional and apartment style, that add to an exciting educational environment.

Campus Ministry

Campus Ministry at Saint Peter's University calls upon a dedicated team of students, faculty, staff and administrators who work together to offer educational programs, retreats, liturgical celebrations, and personal support that help meet the religious, spiritual, and social needs of the campus community. In the spirit of Saint Ignatius of Loyola Saint Peter's provides a person-centered ministry which recognizes that individuals have unique and diverse concerns. Campus Ministry is committed to developing Catholic leadership for the church and world. At the same time, the University seeks to assist non-Catholic students in identifying ways they can practice within their own religious tradition. Campus Ministers are available to be of support to all members of the University community. Campus Ministry offers programs in which students are invited to enter into mutual dialogue, share their various faith traditions and spiritual perspectives, gather socially, and serve others. Campus Ministry offers opportunities for local community service as well as global outreach to other countries where students, staff, faculty, and alumni can exercise the Ignatian call to be women and men for and with others striving to make a difference and make both a local and global impact in the work of social justice and solidarity with the poor.

Residence Life

The Office of Residence Life is committed to the overall growth, development, and education of students residing within the residence halls through structuring a positive living environment, with a focus on educational, cultural, and social programming.

Since 1983 Saint Peter's University has added residence living to the already rich educational tradition of its history. The University's residence community is divided into two areas. The west area includes Veterans Memorial Court, Durant Hall, 140 Glenwood Avenue complex, and Murray Hall. These residences are furnished apartments housing up to six students per unit and all locations come equipped with laundry facilities. Veterans Memorial provides the common space for the west area with a computer lounge, chapel, and multipurpose room. Whelan Hall, Millennium Hall, and Saint Peter Hall are the residence halls in the east area. These traditional residence halls have a common lounge with a large screen TV, a computer room, a study lounge, and a laundry room. The residence halls are staffed

with professionals and para-professionals in various capacities. Members of Campus Ministry and Athletics staff also live within the residence halls and provide various other services.

Academics - Traditional Day Student Core Curriculum

THE CURRICULUM

Saint Peter's University offers more than 50 programs leading to the Bachelor's degree and six leading to the Associate's degree. These programs are built around two concepts: the core curriculum and the major. The core curriculum provides students with the opportunity for breadth of knowledge while the major concentrates on specialization in a single field of study.

The curriculum at Saint Peter's University is enriched by opportunities for students to develop composite majors, double majors, and minors; to participate in an honors program and foreign study opportunities; and to become involved in cooperative education and internships.

THE CORE CURRICULUM

<https://www.saintpeters.edu/academics/the-core-curriculum> (<https://www.saintpeters.edu/academics/the-core-curriculum/>)

The core curriculum, required for all undergraduate degree programs offered by Saint Peter's University, provides opportunities for study in a variety of disciplines. The basic purpose of the core is to address issues intrinsic to a humane education through a liberal arts program committed to the pursuit of knowledge in its fundamental unity, intelligently appreciative of a common cultural heritage, conscious of social and moral obligations, and respectful of the traditions of the Judeo-Christian value system and of Jesuit education.

The core curriculum for the Bachelor's degree for students consists of 45 specified credits plus a Values course, a Capstone Experience, a Writing Intensive course and a Pluralism course that for most students, will be satisfied within the major.

Some majors require students to choose particular core courses, so students should consult their major requirements before choosing core courses. According to the new core requirements, a single course may be required for a given major, and it may also satisfy one or more of the following requirements as well: Values, Capstone, Writing Intensive, and Pluralism. To complete some majors within eight semesters (4 years), major courses and core courses need to be taken in a particular sequence. Suggested sequences for taking the core curriculum and major requirements are available in the departments, the appropriate Dean's Office and the Center for Academic Success and Engagement (CASE).

Within the first year of enrollment, all students must take their English Composition and Mathematics courses based on their placement test results. Additionally, all first year students must register for a First Year Seminar course (Ignatian Seminar) within their first semester. Students who do not complete these requirements satisfactorily and in a timely fashion may be subjected to restricted registration. More specific information is available from faculty advisors and the Deans. As determined by placement results, students who are not adequately prepared may be required to take "foundations" courses prior to beginning the core requirements in composition and mathematics.

The waiver or substitution of any core curriculum requirement can be granted only through the office of the appropriate Dean.

The objectives and outcomes of the core curriculum, achieved through study of the humanities, the natural and social sciences, the fine arts, philosophy, and theology, and incorporating issues related to values and pluralism, are fundamental to the development of the well-educated person. Through the core curriculum students will be expected to be able to do the following:

STUDENT LEARNING OUTCOME (SLO) 1

Develop intellectual and communication skills so that one is able to:

- 1.1 Problem solve and analyze quantitative information.
- 1.2 Formulate, critique, and analyze an argument.
- 1.3 Utilize effective critical thinking skills.
- 1.4 Demonstrate effective oral communication skills.
- 1.5 Read and write critically and cogently.

1.6 Synthesize knowledge from the core to major.

STUDENT LEARNING OUTCOME (SLO) 2

Explore humanistic and social disciplines in order to:

- 2.1 Critically think about ideas and events that have shaped the humanistic tradition.
- 2.2 Distinguish behaviors and characteristics that support effective and appropriate interaction in a variety of cultural contexts.
- 2.3 Discern ethical and moral principles in order to more fully understand one's role as an individual in a larger community

STUDENT LEARNING OUTCOME (SLO) 3

Explore scientific disciplines and technology in order to:

- 3.1 Apply fundamental scientific principles and methods of inquiry to understand the impacts of the scientific research technology.

STUDENT LEARNING OUTCOME (SLO) 4

Exhibit leadership based upon one's ability to:

- 4.1 Recognize the role of service, leadership and Ignatian ideals in the realization of a just, civil society.

Core Requirements Checklist (<https://www.saintpeters.edu/wp-content/blogs.dir/1/files/2023/10/CoreChecklist-Final-2023-Weidong-Zhu.pdf>) (PDF)

Some majors require students to choose particular core courses, so students should consult their major requirements before choosing core courses. According to the new core requirements, a single course may be required for a given major, and it may also satisfy one or more of the following requirements as well: Values, Capstone, Writing Intensive, and Pluralism. To complete some majors within eight semesters (4 years), major courses and core courses need to be taken in a particular sequence. Suggested sequences for taking the core curriculum and major requirements are available in the departments and the appropriate Dean's Office.

In their first semester of enrollment, all freshmen must register for courses in English Composition and in Mathematics, based on their placement test results. Students who do not complete these requirements satisfactorily and in a timely fashion may be subjected to restricted registration. More specific information is available from faculty advisors and the Deans. As determined by placement results, students who are not adequately prepared may be required to take zero-credit developmental courses prior to beginning the core requirements in composition and mathematics.

The waiver of any core curriculum requirement can be granted only through the office of the appropriate Dean for traditional day students or the Director of the School of Professional Studies for SPS students.

University Core Curriculum - 45 credits (Effective Fall 2023)

Composition		3
CM-102	English Composition	3.00
Core Requirement 1.1 ³		3-4
MA-103	Probability & Statistics for Liberal Art	
MA-106	Introduction to Probability & Statistics	
MA-107	Topics in Contemporary Mathematics	
MA-123 & MA-124	Elementary Calculus I and Elementary Calculus II	
MA-124	Elementary Calculus II	
MA-132 & MA-133	Statistics for Life Sciences and Calculus for the Life Sciences	
MA-133	Calculus for the Life Sciences	
MA-143	Differential Calculus	

MA-144	Integral Calculus	
MA-210	Mathematics for the Health Sciences	
MA-212	Elementary Statistics	
MA-218	Quantitative Methods for Business	
MA-222	Intermediate Statistics	
MA-274	Multivariable Calculus II	
Core Requirement 2.1		
Literature		3
EL-201	English Literature I	
EL-202	English Literature II	
EL-203	American Literature I	
EL-204	American Literature II	
EL-205	Survey of World Literature	
EL-206	Poetry	
EL-207	Drama	
EL-208	Fiction	
History		3
Choose any 100 or 200 level HS course		
Social Sciences		3
Take one of the following courses:		
AR-127	Intro to the Visual Arts	
AR-128	Intro to Music	
Fine Arts (3 credits)		
MA-273 & MA-274	Multivariable Calculus I and Multivariable Calculus II	
History (6 credits)		
Modern or Classical Language I		
Modern or Classical Language II		
Cultural Language Course I		
Cultural Language Course II		
Two courses in the same language over the 200-level may substitute		
or		
ML-125 American Sign Language (intensive six credit course)		
Take one course in Biology (BI-), Chemistry (CH-), or Physics (PC-).		3
EC-101	Macroeconomic Principles	
PO-100	Perspectives on Politics	
UR-151	The Contemporary City	
Arts/ Language ⁴		3
Take AR-127 AR-128 OR modern classical language		
Additional Humanities		3
Additional Social Sciences		3
AS-177	Introduction to Africana Studies	
SO-121	Introduction to Sociology	
SO-101	Intro Latin Amer & Latino Stud	
SO-136	Intro Lesbian Gay Bisexual Transgendered	
SO-140	Introduction to Women's Studies	
SO-206	Exploring American Identities	
Core Requirement 2.3		
Philosophy		3

PL-130	Introduction to Philosophy	3.00
PL-140	Introduction to Ethics	3.00

Theology 3

TH-110	Religious Faith in the Modern World	3.00
TH-120	Intro to the Study of Christianity	3.00

Any 200 or 300 Level PL or TH

Core Requirement 3.1

Natural Science 3

Take one course from From courses BI-122 BI-123 BI-124 BI-125 BI-126 BI-130 BI-140 BI-171 BI-172 BI-183 BI-184 CH-108 CH-110 CH-129 CH-130 CH-131 CH-132 CH-237 CH-238 PC-110 PC-130 PC-140 PC-150 PC-185 PC-186

STEM 3

Take PS-151 CS-150 EV-100 EV-102 EV-125 EV-126 MA-123 or higher OR the Natural Sciences Course above.

Core Requirement 4.1

Ignatian Seminar

Complete an Ignatian Seminar designated course. Required for students entering in Fall 2023, with the exception of transfer students.

Interdisciplinary

Complete a course designated as Interdisciplinary. Depending on the major, this course may be a required course for the major as well. Required for students graduating in Spring 2024.

Distributive Requirements ⁶

Pluralism

Complete a course designated as Pluralism. Depending on the major, this course may be a required course for the major as well. 3

Values

Complete a course designated as Values. Depending on the major, this course may be a required course for the major as well. Prior to taking a Values course, students must complete at least one PL and one TH course.

Writing Intensive

Complete a course designated as Writing Intensive. Depending on the major, this course may be a required course for the major as well. May not be taken during the first year. 3

Oral Communication

Complete a course designated as Oral Communication. Depending on the major, this course may be a required course for the major as well. Required for all students entering Fall 2022.

Capstone Experience

Take a designated Capstone Experience within the major. 3

¹ The appropriate level of the Composition course requirement is determined by a placement test. The prerequisite for CM-115 Introduction to English Composition II is CM-104 Introduction to English Composition I. Some students may be required to take CM-100 English Fundamentals before taking CM-104. Any prerequisites for core Composition may be applied towards open electives but may not be used for core credit. CM-116 (for Nursing majors ONLY) and CM-120 - both entitled English Composition - are one semester courses that fulfill the core requirement and do NOT need a prerequisite.

² Students must complete the English Composition Requirement before registering for the Literature Requirement.

³ Most freshmen are placed into one of the above sequences based on their major and the results of their mathematics placement test. Insufficiently prepared non-calculus bound students should complete MA-102 and MA-103 or MA-103 and MA-106 (FC section). Insufficiently prepared calculus-bound students will be required to take either MA-101 or both MA-100 and MA-101 before beginning calculus.

⁴ A 6-credit sequence of a modern or classical language or cultural language course is required; the level is determined by previous experience in the given language. Language sequences should be taken in the same year.

- 5 Majors in one of the social sciences must select two courses outside the major to fulfill the core requirements. For students in the School of Professional & Continuing Studies, the choice of courses in Social Sciences will depend on degree and concentration.
- 6 Take a designated Values course (V). Depending on the major, a values course may be required for the major as well. The prerequisite for a values course is either PL-140 or the second Theology Core requirement.
- 7 Any 200/300 level Theology course can count as either the second Theology Core requirement OR as a Values course, but not both.

Degree Programs

Major and Degree CAS	SBA	SOE	SON	SPS
Accounting (BS)	X			
American Studies (BA) X				
Anthropology (BA) X				
Art History (BA) X				
Asian Studies (BA) X				
Biological Chemistry (BS) X				
Biology (BA, BS) X				
Biotechnology (BS) X				
Business Administration (BSBA) - concentration: Business Management				X
Business Administration (BSBA) - concentration: Digital Marketing and Social Media				X
Business Administration (BSBA) - concentration: Healthcare Management				X
Business Administration (BSBA) - concentration: Human Resource Management				X
Business Administration (BSBA) - concentration: Sport, Event and Hospitality Management				X

Business Administration (BSBA) - concentration: Accounting			X
Business Management (AS)			X
Business Management (BS)	X		
Chemistry (BA, BS)	X		
Clinical Laboratory Sciences (BS) ¹	X		
Communication (BA)	X		
Computer Science (BS)		X	X
Criminal Justice (BA)	X		X
Cyber Security (BPS)			X
Economics (BA, BS)		X	
Elementary Education (BA) ²			X
English Literature (BA)	X		
Environmental Studies (BA)	X		
Finance (BS)		X	X
Fine Arts (BA)	X		
General Studies (BPS)			X
Graphic Arts (BA)	X		
Health & Physical Education (BS)			X
Health Information Management (BS) ¹	X		
Health Sciences (AAS) ²	X		
Health Sciences (BS)	X		
History (BA)	X		
Humanities (AA)			X
Humanities (BPS)			X
International Business (BS)		X	
Latin American Studies (BA)	X		
Marketing Management (AS)			X

Marketing Management (BS)		X			
Mathematical Economics (BA)	X				
Mathematics (BA, BS)	X				
Medicinal Chemistry (BS)	X				
Modern Languages (BA)	X				
Natural Science (BS)	X				
Nursing (BSN) ³			X		
Organizational Leadership (BPS)					X
Philosophy (BA)	X				
Physics (BS)	X				
Political Science (BA)	X				
Psychology (BS)	X				
Social Sciences (AA)					X
Social Sciences (BPS)					X
Sociology (BA)	X				
Spanish (BA)	X				
Sports Management (BS)		X			
Theology (BA)	X				
Urban Studies (BA)	X				
Urban Studies: Public Policy Sequence (BS)					X
Visual Arts (BA)	X				
Youth and Family Studies (BA)			X		

¹ Offered in conjunction with Rutgers University School of Health Related Professions.

² Available only to students enrolled in the diploma program at partner institutions.

³ The BSN generic program is offered in JC.

Minor Programs

Program	CAS	SBA	SOE	SON	SPS
Accountancy		X			
Africana Studies	X				
Anthropology	X				
Art History	X				
Asian Studies	X				
Biology	X				
Business Analytics		X			

Business Management		X		X
Chemistry	X			
Classical Civilization	X			
Classical Languages	X			
Communication	X			
Computer Science		X		
Criminal Justice	X			X
Cyber Security		X		
Economics		X		
Education - Secondary			X	
English	X			
Environmental Sciences	X			
Esports Business		X		
Finance		X		
French	X			
Gender and Sexuality	X			
Graphic Arts	X			
Healthcare Management				X
History	X			
International Business		X		X
Italian	X			
Journalism	X			
Latin American Studies	X			
Marketing Management		X		X
Mathematics	X			
Medicinal Chemistry	X			
Music	X			
Philosophy	X			
Physics	X			
Political Science	X			
Psychology	X			X
Social Justice	X			X
Sociology	X			X
Spanish	X			
Sports Management	X			
Statistics	X			
Theater Arts	X			
Theology	X			

Urban Studies	X						X
Visual Arts	X						
Legal Studies			X				
Creative Writing and Publishing	X						
Theatre	X						

Special Academic Resources

The Center for Academic Success and Engagement (CASE)

Tamara N. Massay-Trotz, *Associate Dean for Academic Engagement and Student Success*

<https://www.saintpeters.edu/case/>

The Center for Academic Success and Engagement (CASE) at Saint Peter's University provides students with the academic advising, programming, tools and resources needed to successfully manage the college experience and achieve their academic goals. In collaboration with the schools and colleges CASE assists students with the transition to college-level work and supports their academic endeavors throughout their entire college career. The following programs and services are provided to students in their first year and beyond:

- Academic Coaching and Learning Strategy Consulting
- Disability Services
- First-Year and Transfer Advising
- Freshman Common Reading Program
- Learning Support Programming & Workshops
- Peer Mentoring Program
- Testing and Registration
- Transfer Services
- Tutoring
- Study Groups and Study Skills Preparation
- Supplementary Instruction (SI)
- Undeclared Advising & Major Exploration Services

Developmental Programs

Before registration, entering students take placement tests in composition, reading, and mathematics, which determine their enrollment in specific composition and mathematics courses. Based on their placement results, students who need supplemental academic assistance in composition, reading, mathematics, and reasoning ability, may be required to take one or more developmental courses. Tutoring assistance is also provided through the Center for English Language Acquisition and Culture (CELAC). These developmental courses do not carry academic credit and may not be applied towards degree requirements.

Tutoring Services

Peer tutoring is offered Monday-Thursday from 10-5 and Friday from 10-4. Students can make their own tutoring appointments through EAB or email learningsupport@saintpeters.edu. Drop-ins are also welcome!

The easiest way to book an appointment is the Navigate App. Download it to your smartphone today! To book an appointment via a desktop, please visit saintpeters.campus.eab.com (<https://saintpeters.campus.eab.com/>) > log in with your SPU credentials > go to the right-hand side and click Schedule an Appointment > Tutoring > Tutoring > Select the kind of tutoring you need and the times that work best for you.

TutorMe is available 24/7 on blackboard. Students are able to utilize 24 hours a day, 7 days a week for tutoring in any subject, free of charge! Please visit blackboard to login to TutorMe.

STEM Engagement & Empowerment Center

Victoria Mauer, *Director*

<https://www.saintpeters.edu/centers-institutes/stem-engagement-center/>

The STEM Engagement & Empowerment Center is a hub for students of biology, biochemistry, biotechnology, chemistry, computer science, health sciences, mathematics, physics, and psychology. The STEM Center seeks to increase undergraduate retention and graduation rates, as well as empower students to achieve their academic and career goals, using a holistic approach that addresses the unique needs of our student population. Students are provided with free academic support such as tutoring, supplemental instruction, and academic coaching, while also

having access to free laptops, textbooks, and graphic calculators. In addition to its academic support for students, the STEM Center provides students with one-on-one career coaching and career workshops, as well as opportunities to connect with graduate schools and potential employers.

TRiO Student Support Services (SSS)

Sarah Smyth, *Director of TRIO Student Support Services*

<https://www.saintpeters.edu/academics/programs-services/trio/>

TRiO Student Support Services (SSS) is a federally funded program that offers our students a comprehensive four-year program entitled the EDGE (Engage, Discover, Gain Experience, Excel), which features results-oriented support services. TRiO SSS is currently funded to serve and assist first generation, low-income students, and students with disabilities to persist to degree completion and embark on professional career paths or graduate degree studies. Participants also include disabled college students, who receive tutoring, counseling and remedial instruction. The Student Support Services (SSS) at Saint Peter's offers participants a comprehensive four-year program, entitled the EDGE (Engage, Discover, Gain Experience, Excel), that features result-oriented support services, rather than a series of non-connected activities. The goal of SSS is to increase retention and graduation rates of participants through quality interactions, clear expectations and pathways to academic preparedness.

Educational Opportunity Fund (EOF)

Knight Ambubuyog, *Director*

<https://www.saintpeters.edu/academics/programs-services/eof/>

The mission of the Educational Opportunity Fund (EOF) Program at Saint Peter's University is to provide students who come from disadvantaged academic and economic backgrounds with the necessary skills to enroll and successfully complete their college education. Furthermore, the EOF Program provides a bridge by which to close the gap between students' initial status and their academic development, and therefore, to build a stronger and more diverse student body.

Center for English Language Acquisition and Culture (CELAC)

Alicia D'Amato, *Director*

<https://www.saintpeters.edu/celac/>

Created to address the needs of our culturally and linguistically diverse student population, CELAC offers a wide range of resources to support and promote academic success for students whose first or strongest language is not English. Along with having a variety of undergraduate writing and reading classes, we also offer courses in English as a Second Language for students and community members who are seeking to improve their English skills.

Graduate and Adult Support Services

Dr. Rosette Allegretti, *Associate Dean for Academic Affairs*

Gabrielle Planas, *Coordinator of Student Support*

- EAB Navigate - Graduate students are now in our EAB system. In consultation with the graduate program directors, EAB will be an important tool to benefit graduate students. Part of the features of EAB includes institution reports to monitor the progress of students. We have seen great success with EAB on the undergraduate side, utilizing progress reports and retention alerts to provide support and guidance to struggling students.
- Tutoring Services - graduate students and adult learners often need evening or weekend tutoring options. These services can be housed in the reimagined School to align with the interests and needs of this population
- Mock Defenses - doctoral students can gain valuable experience through mock defenses. Those early on into their programs can attend these to become familiar with the process, and those who are nearing their own defense can practice in front of both peers and mentors. The mentors would then provide feedback and suggestions for improvement.

- Career Services - partnering with CEEL, the new School will develop support and internship opportunities relevant to those in graduate programs.
- Workshops - professional development workshops in key areas to succeed both academically and in the workplace will be offered, for example, Microsoft Office, Excel for Business Applications, etc.

Special Academic Programs

The Honors Program

Dr. Rachel Wifall, *Director*

Dr. Jeanette Wilmanski, *Assistant Director*

The Honors Program at Saint Peter's University provides students of exceptional academic talent and intellectual curiosity with the opportunity to pursue their studies in greater depth, breadth, and intensity.

Admission to the Program

Freshman enrollment in the Honors Program is by invitation and based upon high school performance. Students who have earned 15 or more credits at the University and have attained a cumulative index of at least 3.5 may apply for delayed entry into the program. Transfer students who possess the equivalent of a 3.5 GPA may also apply for admission to the Honors Program.

Special Notes on Honors Program Requirements

- 1 While Honors provides academic enrichment for highly motivated students, it is not a formal major or minor.
- 2 In order to graduate "in cursu honorum," students enrolled in the program must complete a minimum of 24 credits of Honors-designated classes/special study experiences, the one-credit Methods of Research course, and the senior Honors thesis.
- 3 Up to 6 Honors credits may be earned through special study experiences, including credited internships, study abroad, or service learning course work.
- 4 Students must maintain a minimum grade point average of 3.5 to remain in good standing. Honors students dropping below the minimum will be granted a one-semester grace period to restore their good standing in Honors.
- 5 Any student in the University with at least a 3.5 cumulative average may take an honors-designated course, as an "Honors Associate."

Health Sciences Articulation Programs with Professional Schools

Dr. Leonard J. Sciorra, *Department of Applied Science and Technology*

Dr. Katherine Wydner, *Chairperson, Health Sciences Advisory Committee*

A number of combined degree programs are available to students through a series of articulation agreements with area colleges and universities. These programs are coordinated through the Department of Applied Science and Technology and the Health Careers Advisory Committee. For more detailed information, see the separate program sections for Pre-Med/Pre-Dental, Clinical Laboratory Sciences (medical laboratory science), and Pre-Professional Health-Related Programs (pre-physical therapy and pre-pharmacy). Students interested in these programs need to plan their academic course of study with the assistance of a member of the Health Careers Advisory Committee to ensure fulfillment of requirements for admission to the various professional schools and to prepare to take the necessary required examinations, such as the MCAT or DAT.

Pre-Law Advising

TBA, *Advisor*

Information and guidance regarding law school and law-related careers, including requirements, application procedures, and preparation for the Law School Admission Test (LSAT), are available through consultation with the advisor of Pre-Law. Exceptional high school students and first-year University students interested in an accelerated program, leading to both a Bachelor's degree in political science and a professional degree in law in six years rather than the normal seven years, may apply to the Joint B.A./J.D. Program that Saint Peter's University offers in conjunction with Seton Hall University School of Law. The selective Joint Program is optional and is not required to apply to, or attend, law school. For more information on pre-law preparation at Saint Peter's University, as well as the Joint Program, see the Pre-Law section.

Bachelor of Arts *in cursu classico*

Stressing its liberal arts and Jesuit traditions, a Bachelor of Arts degree *in cursu classico* is offered with a major in Classical Languages or Classical Civilization. Requirements for the majors can be found under the Modern and Classical Languages and Literatures section.

The Composite Major

In instances where students wish to meet some special educational or career objective, they may undertake a Composite Major (e.g., Comparative Literature) which is designed in consultation with the appropriate academic dean and mentored by an advisor appointed by the dean. Before meeting with the dean, students should prepare a written proposal which indicates the name of the proposed major, the objective of the proposed major, and the proposed list of courses to be taken. A composite major should consist of 30 to 60 credits depending on the number of departments and programs from which upper-level courses will be selected. A minimum of one half of the credits to be applied to the major must be taken at Saint Peter's University.

The Washington Center Internship Program

TBA, *Liaison*

The Saint Peter's University Washington Center Internship Program offers qualified students in their sophomore, junior, or senior year the opportunity to earn academic credit while working full-time in Washington as unpaid interns in positions related to their majors. Internships are available with a wide variety of employers including members of Congress, U.S. government agencies, businesses, think tanks, interest groups, news organizations, and international organizations. Each internship is a full-time, supervised work experience in the nation's capital that is supplemented by a weekly academic course and by lectures from prominent leaders in both the public and private sectors. Internships are available in the fall or spring term, during which students earn 15 academic credits, or in the summer term, during which students earn 9 to 12 credits.

To be eligible to participate, students should possess a cumulative grade point average of at least 2.75 and must have completed a full academic year at Saint Peter's University. Grades for the internship and weekly academic course are recommended by the student's employer, course instructor, and Washington Center staff, and are assigned by Saint Peter's University faculty. Both the credits and grades earned are recorded on the student's Saint Peter's University transcript. However, grades from the Washington Center Internship Program are not calculated in the student's Saint Peter's University grade point average. Costs for the program are comparable to those for attending Saint Peter's University, and some scholarships are available. More information about the program can be obtained from the Saint Peter's Liaison to the Program.

ROTC: Army Reserve Officers' Training Corps

Qualified students may participate in the Army Reserve Officers' Training Corps through a cross-enrollment agreement with Seton Hall University. The program complements the normal college course of study and qualifies those who complete the program for commissions as officers in the Active Army, the U.S. Army Reserve, or the Army National Guard. Interested students should contact Seton Hall University ROTC Department.

Accelerated Programs

Saint Peter's University offers accelerated programs. Students must apply for a master's degree during their junior year and be accepted into the program in order to schedule graduate courses during their senior year. The number of graduate credits permitted while an undergraduate student varies per program. Please contact the director of the desired graduate program for more information regarding program requirements and policies.

Certification for Teaching in Elementary or Secondary School

The School of Education offers programs leading to certification for teaching in elementary or secondary schools. A teaching certification is granted to students who successfully complete their chosen program at the University as well as courses prescribed by the New Jersey Department of Education. Specific information about these programs can be found in the School of Education section.

Academic Centers and Institutes

The Center for Global Learning

Yocasta Brens-Watson, *Director*

<https://www.saintpeters.edu/global-learning/>

The Center for Global Learning organizes and manages study abroad and exchange programs, facilitates the development of faculty-led international courses, and collaborates with the Office of Admission to support, enrich, and expand international student enrollment at Saint Peter's University. The Center also develops international partnerships and collaborates with external agencies and organizations on outreach programs.

Center for Special Scholarships and Graduate Study

TBA, *Director*

After discussion with their major advisor, students should consult the Director of the Center for Special Scholarships and Graduate Study for information on graduate programs, required examinations, such as the GRE, procedures for application, and scholarship opportunities including the Davies-Jackson, Fulbright, Goldwater, Marshall, Rhodes, Truman, and many others. The Director assists students in the preparation of essays, personal statements, and other aspects of their applications.

The Guarini Institute for Government and Leadership

Ginger Gold Schnitzer, *Executive Director*

<https://www.saintpeters.edu/guarini-institute/>

Established in 1994 by Congressman Frank Guarini, The Institute for Government and Leadership provides a non-partisan forum for discussion of key public policy issues. The Institute sponsors lectures and programs throughout the academic year to promote critical thinking, debate, and careers in public service.

Guarini Lecture Series

This Series brings national and state political leaders and policy makers together to discuss timely issues impacting our world. The Guarini Institute also sponsors periodic Public Affairs Forums to address topics of particular interest.

United Nations Programs

The University has maintained Non-Governmental Organization (NGO) status at the United Nations since 2004 through the UN's Department of Public Information. This status, administered through the Guarini Institute, provides faculty and students unique opportunities to participate in UN briefings and workshops at the UN as well as interactive video conferences.

Internship Opportunities through the UN/NGO Connections Program

The Institute provides assistance to undergraduate and graduate students seeking to pursue internship opportunities through the UN/NGO Connections program. This program provides internship opportunities at UN Headquarters in New York, Geneva, Vienna, Nairobi, Addis Ababa, Bangkok, Beirut and Santiago or with specific NGOs working with the UN in New York.

Visiting Ambassador's Colloquium

United Nations Ambassadors come to the University to discuss matters of interest to the United Nations and to acquaint attendees, typically faculty, administrators and honor students, with the ambassador's country.

High School Model UN

In partnership with the Department of Political Science, the Institute hosts a High School Model UN that brings together delegates from New Jersey and metropolitan New York.

Washington Center Internship Program

The Guarini Institute administers Saint Peter's University's Washington Center Internship Program through the Department of Political Science. This program offers qualified students the opportunity to work full-time in

Washington, D.C. and earn academic credit as unpaid interns in programs related to their majors. For a more detailed description see the Special Academic Programs section.

Approaches to Earning College Credit

Matriculated students at Saint Peter's University may complete degree requirements in a number of ways. The traditional method is by enrolling in Saint Peter's courses. Other alternatives include:

1. Advanced Placement sponsored by the College Entrance Examination Board;
2. College Level Examination Program (CLEP)
3. Internships;
4. Cooperative Education;
5. Service Learning;
6. Prior Learning - involves the submission of an experiential learning portfolio for the evaluation of credit; (SPS only)
7. Evaluation of certain non-collegiate programs taken under the aegis of the Armed Forces (DANTES Subject Standardized Tests(DSST) and Joint Services Transcript (JST): Courses given by industrial firms and business corporations evaluated by the American Council on Education.

Students may earn no more than 30 credits towards their degree through any combination of the above programs, not to exceed 15 credits of Prior Learning or CLEP. (Students pursuing Associate's degrees, should consult with the dean's office for advisement.)

Advanced Placement

Credit for advanced placement is granted by the department responsible for the particular discipline. The scores needed on advanced placement examinations administered by the College Entrance Examination Board may vary by department; consult department sections for more information. If credit is granted for an introductory course in the major, a department may require a student to substitute another more advanced course.

Recommendations for AP Examination Credit

Updated as of September 14, 2021

<u>Subject</u>	<u>Score</u>	<u># of Credits</u>	<u>Course Equivalent</u>
ART			
Studio Art	3	6	AR-160, AR-161
History of Art	3	6	AR-127, AR-888
Music Theory	3	6	AR-888
BIOLOGY			
Biology (*for non-science majors only)	3/4	3	BI-123
Biology (if student is a science major)	5	4	BI-183 and BI-185
CHEMISTRY			
Chemistry (*for non-science majors only)	4	3	CH-110 or CH-129
Chemistry (if student is a science major)	5	4	CH-131 and CH-131L
COMPUTER SCIENCE			
Comp Sc. A	3	3	CS-237
ECONOMICS			
Microeconomics	3	3	EC-102
Macroeconomics	3	3	EC-101
ENGLISH			

Language & Composition	3	3	CM-104
Literature & Composition	3	3	EL-888
ENVIRONMENTAL SCIENCE			
Environmental Science	3	3	EV-100
FRENCH			
French Language	4	3	FR-134
French Language	5	3	FR-141
French Literature	4	3	FR-142
GERMAN			
German Language	4	3	GM-133
German Language	5	3	GM-134
GOVERNMENT & POLITICS			
United States	5	3	PO-100
HISTORY			
World History	3	6	HS-121 and HS-122
United States	3	6	HS-121 and HS-122
European History	3	6	HS-121 and HS-122
ITALIAN			
Italian Language	4	3	IT-134
Italian Language	5	3	IT-141
LATIN			
Latin (Vergil)	4	3	LA-157
Latin (Vergil)	5	3	LA-158
Latin (Catullus/Horace)	4	3	LA-331
Latin (Catullus/Horace)	5	3	LA-332
MATH			
Calculus AB	3	4	MA-143
Calculus AB	4 or 5	8	MA-143 and MA 144
Calculus BC	3, 4 or 5	8	MA-143 and MA-144
AP Statistics	3	3	MA-106
AP Statistics	4 or 5	3	MA-106, MA 132 or MA-212
PHYSICS			
Physics B	3	8	PC-185 and PC-186 PC-187 and PC-188

Physics C	3	8	PC-185 and PC-186 PC-187 and PC-188
Physics 1	4	4	PC-185 and PC-187
PSYCHOLOGY			
Psychology	3	3	PS-151
SPANISH			
Spanish Language	4	3	SP-135
Spanish Language	5	3	SP-136
Spanish Literature	4	3	SP-198
Spanish Literature	5	3	SP-199

College Level Examination Program (CLEP)

Saint Peter's University grants credit for CLEP examinations within the following guidelines.

1. On the General Examinations, the University grants credit for scores equal to or above the fiftieth percentile, determined by national college sophomore norms.
2. On the Subject Examinations, the University grants credit for scores equal to or above the standard score based on the recommendations of the Council on College Level Examinations.

Students should check with an advisor or the appropriate dean before taking CLEP examinations in order to make sure that the particular examinations will be acceptable for credit, and also that the examinations do not duplicate courses for which they have earned credit already. Freshmen may not take CLEP examinations in lieu of the University's composition requirement.

SPU requires a minimum passing score as recommended by the American Council on Education (ACE). The following chart shows the credits awarded by Saint Peter's University for earning a *minimum score of fifty (50)* on any of the CLEP tests as indicated below.

<u>CLEP Examination</u>	<u># of Credits</u>	<u>SPU Equivalent</u>
College Composition	6	CM-106 and CM-117
Financial Accounting	3	AC-151
Natural Science	3	Natural Science Core
College Mathematics	3	MA-106
Analysis and Interpretation of Literature	6	EL-123 and EL-134
American Government	3	PO-201
American History I	3	HS-231
American History II	3	HS-232
Introduction to Educational Psychology	3	ED-203
Introduction to Psychology	3	PS-151
Principles of Macroeconomics	3	EC-101
Principles of Microeconomics	3	EC-102
Introductions to Sociology	3	SO-121

Western Civil History I	3	HS-121
Western Civil History II	3	HS-122
Principles of Management	3	BA-151
Introduction to Business Law	3	BL-161
Principles of Marketing	3	BA-155
Human Growth & Development	3	PS-235

Please note: The last 30 credits of the degree must be taken at Saint Peter's University.

To locate a test site, purchase study materials, and/or take sample tests, please to go <https://www.collegeboard.com/clep> (<https://www.collegeboard.com/clep/>).

Foreign language CLEP exams are neither accepted nor approved for credit at SPU. This information regarding Saint Peter's University CLEP is subject to change without notice at the discretion of the University.

NOTE: You cannot receive credit for an exam of a course for which you have already earned credit.

The Center for Career Engagement and Experiential Learning

The Center for Career Engagement and Experiential Learning (CEEL) embraces a comprehensive and developmental approach to career preparedness. The Career Engagement and Experiential Learning team engages students in a high-quality personal and professional experience from the time of admission until graduation. The activities aim to: help students discover strengths and build upon important skills; secure opportunities to gain practical experience through internships, service learning, and part-time jobs; and develop the tools for networking and job searching in order to reach their respective career objectives. The Center for Career Engagement and Experiential Learning serves all students, both traditional and adult learners, at the undergraduate and graduate degree levels.

The Center for Career Engagement and Experiential Learning offers a program of experience-based educational enrichment designed to enhance a student's academic and personal development and to contribute to an understanding of work and careers. The program consists of a series of planned and supervised off-campus working experiences which may be integrated with independent academic study under the tutelage of a faculty member. Students participating in cooperative education or internship experiences may earn a salary and/or academic credit. In addition to internships offered through the Center for Career Engagement and Experiential Learning, many academic departments offer credit-bearing internships as well, and in some cases, a department-based internship may be required for the major. Credit-bearing experiences offered through the Center for Career Engagement and Experiential Learning are designated by the course number 295 prefixed by the department or program sponsoring the experience, e.g. UR-295, EL-295, etc. Credit-bearing internships offered through academic departments are designated by different course numbers; consult individual departments and course offerings for details.

Cooperative Education and Internship experiences offered through the Center for Career Engagement and Experiential Learning are available for students in any major as well as for those who are undecided about their major field of study. Students interested in participating should register with the Center for Career Engagement and Experiential Learning during the semester preceding the work experience. Those interested in a summer and/or fall placement should register with the Center no later than the preceding March. Students who wish to work during the spring semester should register no later than the preceding October. All credit-bearing experiences offered through the Center for Career Engagement and Experiential Learning must be approved by the instructor, the appropriate Dean's Office, and the Center for Career Engagement and Experiential Learning.

Through the Center for Career Engagement and Experiential Learning, three basic plans for Cooperative Education are available. On the Alternating Plan, students alternate periods of full-time work with periods of full-time study. On the Parallel Plan, students work part-time while attending classes on a full-time basis. On the Job Enrichment Plan, students work on a new full-time or part-time assignment for their present employer. Credit is available for each plan, but no more than three semesters of Cooperative Education may be taken for credit and no more than nine credits toward the degree may be granted for Cooperative Education.

Office for Community Service and Service Learning

Rooted in the Jesuit tradition of educating *Men and Women for Others*, the Office for Community Service is affiliated with Campus Ministry and directly implements the University's mission "to prepare students for a lifetime of learning, leadership, and service to others in a diverse and global society." Through participation in meaningful volunteer and service learning experiences with more than thirty Hudson County nonprofit agencies and religious organizations, Saint Peter's students and faculty directly contribute to social justice activities and the empowerment of local constituencies. In their roles as tutors, mentors, outreach workers, researchers, and social work assistants, students share their time and talent with their neighbors in need of encouragement, support and assistance.

Through community service projects and service learning in the classroom, students are encouraged to share the benefits of their college experience and invest their time and skills with non-profit agencies and schools with limited resources. To support the student's service experience, the Office facilitates training and discussion sessions that stimulate reflection about the relationship of service to one's personal, intellectual, and spiritual growth. Selected courses incorporate community service as a required component, with faculty guiding student reflection about their service through discussions and journals.

The Evaluation of Non-Collegiate Courses for Credit

Credit may be granted for courses taken under the auspices of the Armed Services, if the courses are evaluated in *A Guide to the Evaluation of Educational Experience Gained in the Armed Services* and if the credits are applicable to the student's degree program.

Credit may also be granted for certain in-service courses taken under the sponsorship of a business or industrial organization if the course carries a specific credit evaluation in *The National Guide to Educational Credit for Training Programs*, compiled by the American Council on Education or the NY PONSI Program.

Prior Learning Experience

Matriculated students at the School of Professional and Continuing Studies may earn credit for prior learning gained through work experience, in-service courses exclusive of those programs already evaluated by the American Council on Education, community service activities, unique travel experience, and special accomplishments in the arts.

Students who wish to apply for Prior Learning credit must submit a portfolio which demonstrates the learning gained through the experience. The portfolio consists of an application, a detailed resume, an essay, and appropriate documentation in support of the essay. A separate essay and supporting documentation is required for each course for which the student is requesting credit. Students work closely with a faculty member in the appropriate departments.

The guiding principles for granting credit for prior learning are as follows:

- Credit is not granted for experience, but for the knowledge gained as a result of the experience.
- Students must be able to demonstrate that their experiential knowledge is equivalent to a specific course or academic discipline offered by the University. The course number and description must accompany each portfolio submitted.
- Students may not apply for experiential credit which is the equivalent of a course, a CLEP test, or nursing validation examination for which credit has previously been earned.

Eligibility Requirements

Students are eligible to apply for the evaluation of prior learning if they are matriculated students in the School of Professional and Continuing Studies, in good academic standing with a cumulative grade point average (GPA) of 2.5 and have earned at least 18 credits exclusive of developmental courses at Saint Peter's University.

Procedures for Declaring Candidacy for Prior Learning Credit

Students must meet with the appropriate dean to determine the feasibility of earning such credit. At this time, the student will complete an application and interview to determine that a.) credit has not been earned for these experiences in any other way and b.) the experience is eligible for evaluation. Eligibility for evaluation does not guarantee acceptance or award of any credits. Students must file an application for Prior Learning credit with the

appropriate dean after they have satisfied eligibility requirements and provided appropriate supporting documentation and information. Portfolios will be evaluated by the appropriate department.

Portfolio Evaluation

Portfolios are evaluated by faculty members whose competencies are pertinent to the experiences submitted for evaluation. Credits will be awarded for specific courses and will be identified on the transcript as experiential learning credits. (Grades are not assigned to experiential credits.) Students who wish to appeal the results of a portfolio evaluation may address their request to the appropriate dean.

Fee Structure

A portfolio evaluation fee is payable in full when the application is accepted and before the portfolio is assessed for credit. The check for the proper amount must accompany the portfolio at the time of submission. A fee per credit, with a maximum of 15 credits to be earned experientially, will be assessed for credits actually awarded.

Academic Policies and Regulations - Undergraduate

All policies and regulations outlined in this catalog will be interpreted and managed according to procedures which are too lengthy to be printed here. These protocols may be found in the office of the appropriate dean for each college or school. Students may appeal all academic policies and regulations to the appropriate dean, who may, depending on the circumstances, consult the Dean of Students.

Note: all policies and procedures pertain to the College of Arts and Sciences, School of Business, School of Nursing, School of Education and School of Professional Studies unless specifically addressed.

Requirements for Degrees

The fulfillment of degree requirements includes both credit-related and performance-related criteria. Students must complete a minimum of 120 credits for the Bachelor's degree and 60 credits for an Associate's degree. In order to be eligible for a Saint Peter's University degree in any major, at least one half the number of credits required in the major, exclusive of cognate requirements, must be earned in courses taken at Saint Peter's University or in programs sponsored by the University. The maximum number of credits a student may transfer from a two-year institution is 66 credits, and the maximum number from a four-year institution is 90 credits. The credits must be distributed according to the curriculum outlined for each degree program. The last 30 credits for the degree, defined as the residency requirement, must be completed at Saint Peter's University.

The performance-related requirement for all degrees reflects a standard of academic excellence. Students must attain a GPA of 2.0 for their entire academic record at Saint Peter's University. In addition, all students must attain a minimum GPA of 2.0 in the courses required in their major program. Departments may establish GPA requirements higher than 2.0; whenever this is the case, the specific requirements will be stated in the "department section" of the catalog. All financial and property obligations to the University must be satisfied before a diploma can be issued.

Time Limitations for Earning Degrees

The normal time span for the completion of the Bachelor's degree by full-time students is four years. Part-time students normally complete the Bachelor's degree in six years.

These times may be shortened by attendance at summer sessions or lengthened depending on the needs of the student. The maximum period allowed to satisfy all requirements for the Bachelor's degree is ten years and for the Associate's degree, six years. In extraordinary cases, an extension of time may be permitted. Students who need an extension should file a request for extension, stating pertinent reasons, with the appropriate dean at least one term before the maximum time period has elapsed.

If an extension of time is requested, students should be aware of the following guidelines that the dean will have to consider:

1. If courses taken more than ten years prior to the completion of the Bachelor's degree are courses in liberal studies such as literature and history, the dean may exercise discretion and waive the ten-year limit on the acceptability of these courses for a Bachelor's degree.
2. In technical areas where recent developments may have changed substantially the atmosphere of academic studies in a subject, the dean will submit the courses in question to the appropriate department chairperson who will indicate in writing whether the courses are still applicable and what steps students must take to update their knowledge in the subject area.

The same procedures apply in the case of courses taken more than six years prior to the completion of an Associate's degree.

Criteria for Earning A Second Undergraduate Degree

Saint Peter's University will grant a second undergraduate degree, either a Bachelor's degree or an Associate's degree, upon fulfillment of the following conditions.

1. A minimum of 30 credits in the second major must be taken in courses at Saint Peter's University, none of which was applied towards the previous degree.
2. All current requirements of the core curriculum and the major program for the new degree must be fulfilled. Courses applied towards the core requirements for the previous degree may be utilized.

3. At least four upper-division courses in the new major must be taken at Saint Peter's University.
4. At least one academic year must have elapsed since the granting of the previous undergraduate degree.

As a consequence of the above rules, students pursuing a second Bachelor's degree must plan their course work so that these degrees are awarded in separate years. Any exceptions to this rule must be approved by the appropriate dean.

Granting of Bachelor's Degrees to Holders of Professional Degrees

Students who left Saint Peter's University for study at a professional school before completing all of the requirements for a Bachelor's degree may request approval for receiving a Bachelor's degree from the University if they:

1. completed three years of work (90 credits) at Saint Peter's University;
2. were in good academic standing upon leaving Saint Peter's University;
3. subsequently earned a higher degree in an accredited graduate or professional school; and
4. are willing to have their work evaluated in light of the present course requirements of the University.

Candidates who apply for the granting of a degree under these conditions must apply to the appropriate dean who will determine whether the student meets the requirements, or if necessary, must take the courses needed to satisfy core requirements and/or bring the record up to 90 credits. If these conditions are met, the candidates should then have an official transcript from the professional school forwarded to the appropriate dean, file for graduation on Self-Service (<https://www.google.com/url/?ReturnUrl%3D%252fStudent&sa=D&source=editors&ust=1698760840174771&usg=AOvVaw2DcXU-yRReWw1jSMhWZ2wv>), and pay the graduation fee.

University Commencement Ceremony

Students that graduated last November or December or expect to complete their remaining program requirements in February, May or August are eligible to participate in the University's annual Commencement exercises held at the close of the Spring term. Effective Fall 2016, students who need no more than 6 credits remaining to complete degree requirements may participate in the Commencement exercises provided they have pre-registered for the remaining coursework in the Summer. Exceptions to the credit requirement will be permitted for students in the School of Education who need to complete student teaching/clinical practice in the Fall term. Non-education students that will complete their requirements in December are not eligible to participate in this year's Commencement and will be eligible next year.

To qualify for Commencement Awards, all program requirements must be successfully completed in February, May or August. Candidates that apply for December and request participation in early Commencement will not be considered for awards.

Participation in the Commencement exercises is ceremonial and does not constitute degree conferral. After final grades are received and a final graduation verification is completed, diplomas will be mailed approximately one month after the ceremony to those who qualify. All obligations to the University, including financial, must be fulfilled before the diploma will be released. Students may only participate in one Commencement exercise. Degrees are awarded in May, August and December.

Advisement and Registration

General Information

Each student at Saint Peter's University is assigned an academic advisor who aids the student in planning an academic schedule using Self-Service (<https://www.google.com/url/?ReturnUrl%3D%252fStudent&sa=D&source=editors&ust=1698760840174771&usg=AOvVaw2DcXU-yRReWw1jSMhWZ2wv>). Students must use Self-Service (<https://www.google.com/url/?ReturnUrl%3D%252fStudent&sa=D&source=editors&ust=1698760840174771&usg=AOvVaw2DcXU-yRReWw1jSMhWZ2wv>) to plan their schedule and obtain their advisor's approval for each course before a student may register for any term. Registration dates for each term are published online in the Academic Calendar (<https://www.saintpeters.edu/academic-calendar/>). Student's financial obligation must be satisfied by the Payment Due Date on the Payment Due Calendar (<https://www.saintpeters.edu/enrollment-services/student-accounts/billing-and-payments/>).

Advisement for Traditional Day Students

Through the University Advisement Program, freshmen are assigned advisors upon entering the University and should consult with them periodically during their first year of study. After their first term of study, students will be transitioned to their major department for academic advisement. Students with multiple majors or minors will be assigned an advisor for each department and must consult with all advisors prior to registration for each term.

Advisement for School of Professional Studies (SPS) Students

Adult students are assigned academic advisors to assist them throughout their academic career. The academic advisor should be consulted and can review your course plan to ensure you are on track to complete your program requirements on time.

Administrative Deregistration

Students may be administratively deregistered from some or all of their courses if they fail to complete by published deadlines the following:

- required forms for federal student aid
- payment arrangements
- if they lack appropriate course prerequisites or
- if they fail to attend/participate in class.

Students are expected to maintain continuous registration until their program requirements are complete. Students who have not been in attendance for at least one year, will have their program administratively withdrawn as a result of non-registration by the Registrar's Office.

Registration Between Schools

- Evening (SPS) students may not register for traditional day (semester) courses.
- Traditional day students are not permitted to take more than two quad courses unless an exception is approved by the Dean.
- First-year students are not allowed to register for SPS courses unless an exception is approved by the Dean.
- Undergraduate students may not register for winter trimester courses.

Saint Peter's University Credit Hour Assignment Policy

This Credit Hour Assignment Policy ensures that the number of credits awarded for the completion of each course taught at Saint Peter's University reflects United States Department of Education (USDOE), Middle States Commission on Higher Education (MSCHE) and New Jersey state requirements for classroom hours and recommended out of class course work.

The policy assures that measurable learning outcomes and credits awarded for the completion of programs that do not adhere to the standard definition of a "credit hour" (such as online, hybrid and internship courses, as well as credits awarded through prior learning assessment) are consistent with those assigned to traditional face-to-face courses, considering course content and expected learning outcomes.

This policy applies to the assignment of credit hours to all current and new Saint Peter's University programs, undergraduate and graduate.

Definition of a Semester Credit Hour

One semester credit shall be equal to not less than one hour (50 minutes) of classroom instruction plus two hours (120 minutes) of out of class course work over a span of no less than fifteen (15) weeks. Courses that meet on a TF course pattern (75 minutes) over a span of no less than fifteen (15) weeks meet this credit hour requirement.

Course Requirements

Consistent with the definition of a semester credit hour policy, students in traditional lecture/discussion courses are expected to devote two hours outside the classroom on related course work, including study, preparation of written assignments and course-related projects. Instructors acquaint students with all course expectations at the beginning

of each course with a detailed syllabus that follows a prescribed format to foster the attainment of measurable learning outcomes. Syllabi include all course requirements and policies in addition to sharing clear evaluation criteria.

For programs that do not adhere to the standard definition of a “credit hour” (such as online, hybrid and internship courses, including student teaching, and credits awarded through prior learning assessment), courses shall be consistent with those face-to-face offerings, with due consideration given to course content and measurable learning outcomes. In addition, syllabi include a clear set of course expectations, policies and evaluation criteria.

Ongoing Assessment of Semester Credits

The number of credits assigned to each course shall be considered in course design and syllabi with expected student learning outcomes for each course meeting the semester hour standard. Consideration of assigned credits are part of the periodic review of syllabi by department chairs, regularly scheduled annual course assessments involving faculty and students, curriculum committee reviews, and formal program evaluations. The school deans collect and store syllabi each semester.

Review

The Provost/Executive Vice President for Academic Affairs, the school deans, and the chair of either the Curriculum Committee or the Committee on Graduate Programs will review all new programs, including those associated courses and credit hours assigned, before submission to and approval by the Faculty Senate. New courses or changes to existing courses may not be instituted without prior departmental approval and the approval of the appropriate school dean.

Student Status

Students enrolled at the University are classified as follows:

- Traditional Day Student Status -Students enrolled in the undergraduate day fall and/or spring semesters. Full-time students are expected to enroll for a minimum of 12 credits per term.
- School of Professional Studies (SPS) Status - Students enrolled in undergraduate evening 8 week terms. Full-time students are expected to enroll for a minimum of 12 credits per term.
- Matriculated Students - Students who have satisfied the entrance requirements and are following a prescribed program of studies towards a degree. Matriculation starts on the first day of the term.
- Non Matriculated Students - Students who are not pursuing a degree at Saint Peter’s University but who are admitted at the discretion of the University Registrar in certain circumstances to fulfill an academic need. Students may take no more than 12 credits before matriculating.
- Auditors - Students who have the permission of the Dean of the school that the course is offered in and the instructor to attend the course on a non-credit basis.
- Full-time Students - Students who carry a course load of 12-18 credits per semester or generally six credits per evening term. Unless stated otherwise for particular courses of study, permission to take credits beyond these limits in a term must be obtained from the appropriate dean.
- Part-time Students - Students who carry a course load of fewer than 12 credits per semester or three credits per evening term.

Class Standing

A student’s class standing is determined by the number of credits earned by the end of the academic year:

Class	Credits Earned
Freshman Status	Fewer Than 30 Credits Earned
Sophomore Status	30 Credits Earned
Junior Status	60 Credits Earned
Senior Status	90 Credits Earned

Independent Study

An independent study is a course in which normally one student engages in study under the direction of a faculty member, with weekly meetings of at least one hour and fifteen minutes throughout the semester or one hour and fifty minutes each week of a trimester. The student must secure the permission of the instructor, who should not feel constrained to assume such extra work, and also obtain permission from the department chair and the dean. All independent studies must be approved by the appropriate dean in advance of the term for which they are planned. Ordinarily, no faculty member may direct more than one tutorial or independent study each term, i.e., two in any academic year and one in the summer.

Independent studies may be approved for:

a.) students who desire special study in a specific area, which is not ordinarily covered in sufficient breadth and depth to suit their particular needs and interests;

b.) students who because of legitimate academic or human problems (e.g., student teaching or illness) have been unable to take required courses when normally scheduled, and who for substantial reasons (e.g., course is no longer offered, course is irregularly offered and is not available during the appropriate year) will be unable to take such courses at any other regularly scheduled time. This category will not be construed as including students who, having legitimately been unable to take a regularly scheduled course, have subsequently neglected without good cause to take that course at one of its regularly scheduled times. Preference for a particular instructor or for a particular time is not to be considered good cause. I

Independent studies are not available to students as a means of replacing a grade in a course previously taken. Tutorials and independent studies are available only to matriculated Saint Peter's University students and our graduates, and may be given only by Saint Peter's University faculty. Registration for a tutorial or independent study must be completed prior to the end of the appropriate add period. The Independent Study Request Form is available in the Provost Forms Database.

Course Add/Drop Policy

Students may add and drop classes during the designated Add/Drop period for each term. The last date for adding and dropping classes for each term are listed in the Academic Calendar published by the Registrar and available online at www.saintpeters.edu/academic-calendar (<http://www.saintpeters.edu/academic-calendar/>). Separate dates may be established for classes that do not follow the normal start/end schedule. Students who drop courses during the designated Add/Drop period will receive full (100%) refunds for those courses. Students with Financial Aid should be cautioned that dropping courses may affect their eligibility status and Financial Aid award amounts. Students must use Student Planning (<https://selfsvc.saintpeters.edu/Student/Account/Login/?ReturnUrl=%2fStudent>) to add or drop courses.

Students are strongly cautioned against dropping classes indiscriminately, as doing so may affect eligibility for Financial Aid and scholarships, registration in other courses, full-time status, and overall degree progress.

Note: Non-attendance does not constitute dropping a class. Students who never attend or stop attending class meetings will not be removed from class rosters. Furthermore, students who never attend or stop attending classes will be held responsible for their financial obligations to the University and will not be issued refunds. A student who does not officially drop or withdraw from a class by following the procedures described above, and in the Catalog will be issued an "F" as a final grade. Withdrawal requests submitted after the deadline will not be honored and will result in "F" grades due to failure to drop or withdraw from courses is final.

Withdrawing from a Class

After the add/drop period has concluded, students that need to withdraw from one or more courses must complete the Course Withdrawal Request Form for each course they would like to withdraw from. These course(s) will receive a "WD" grade on transcripts and if the request is approved during a period where a refund is appropriate (visit the Refund (<http://www.saintpeters.edu/academic-calendar/refund-schedule/>) Schedule) this may result in a reduction of charges. Visit the ESC Forms (https://docs.google.com/document/d/e/2PACX-1vTI-v199i8iRAi9DgHTThXqn_Uu6sf0gjL3LPNCmJHw00O6-3hD6SM6kxrL2c0I1cYcgEePwSS3MWNfe/pub/) and click on Course Withdrawal Request to request a withdrawal. This will require approval from your academic advisor. The Registrar's office will contact your advisor for approval after you have submitted the "Course Withdrawal Request".

For any course(s) a student ceases to attend after the published deadline, the student will receive an “F” grade on his/ her transcript and there will be no refund. After the deadline to withdraw has passed, a student may no longer receive a “WD” grade except in an extraordinary situation which requires approval of the Dean of the school in which the student is enrolled in.

Requests for an appeal after a deadline has passed must be accompanied by appropriate documentation about circumstances that prevented the student from add/drop/withdrawing within the required time limits. To submit this request, visit the ESC Forms (https://docs.google.com/document/d/e/2PACX-1vTI-v199i8iRAi9DgHTXqn_Uu6sf0gjL3LPNCmJHw00O6-3hD6SM6kxrL2c0I1cYcgEePwSS3MWNfe/pub/) and click on Retroactive Petition for Changes to Registration and/or Tuition. The Dean and the Registrar will review your circumstances and then grant or deny the request.

NOTE: Non-attendance does not constitute drop or withdrawal. The student will not receive a refund and will receive a grade of “F” for the course(s) in question. An official drop or withdrawal can only be transacted by completing the appropriate forms by the deadline date listed on the Academic Calendar.

See the Tuition and Fees section for information regarding refunds in relation to course withdrawal.

Majors and Minors

Students must formally declare an academic major by the time they have completed 60 credits. Undeclared students who have completed 60 credits shall not be allowed to register for any courses at the University. An Academic Hold will be placed on the student's record, which can only be removed with permission of the appropriate dean and by completing a the Declaration of Major/Minor/Program Change Request (<https://www.google.com/url/?q=https://docs.google.com/forms/d/e/1FAIpQLScuKNt9QB9srtI0wujqAd5lf0HecRLE14H4puT5BcFGiXCumg/viewform&sa=D&source=editors&ust=1677624406009677&usg=AOvVaw0S0N61DQiOLbMbiHqcLSc->).

- Change of Major - Students wishing to change their major field should complete a Declaration of Major/Minor/Program Change Request (<https://www.google.com/url/?q=https://docs.google.com/forms/d/e/1FAIpQLScuKNt9QB9srtI0wujqAd5lf0HecRLE14H4puT5BcFGiXCumg/viewform&sa=D&source=editors&ust=1677624406009677&usg=AOvVaw0S0N61DQiOLbMbiHqcLSc->). This form will be routed to the chairperson of the new department and the appropriate dean.
- Double Majors - Students may elect to complete requirements for two separate major areas of study. Permission for a double major must be obtained from the chairperson of the principal major department and the chairperson of the second major department. To request a second major, you must complete a Declaration of Major/Minor/Program Change Request (<https://www.google.com/url/?q=https://docs.google.com/forms/d/e/1FAIpQLScuKNt9QB9srtI0wujqAd5lf0HecRLE14H4puT5BcFGiXCumg/viewform&sa=D&source=editors&ust=1677624406009677&usg=AOvVaw0S0N61DQiOLbMbiHqcLSc->) Form. All courses requisite and cognate for each major must be completed. At least one-half of the required courses, exclusive of cognate courses, must be completed in courses taken at Saint Peter's.
- Minors - In addition to their major areas of concentration, students may declare a minor in another academic discipline. To request a minor, students must complete a Declaration of Major/Minor/Program Change Request (<https://www.google.com/url/?q=https://docs.google.com/forms/d/e/1FAIpQLScuKNt9QB9srtI0wujqAd5lf0HecRLE14H4puT5BcFGiXCumg/viewform&sa=D&source=editors&ust=1677624406009677&usg=AOvVaw0S0N61DQiOLbMbiHqcLSc->) Form. The University offers a variety of minor programs. See the chart under Degree Programs for the complete listing. Minor programs may be developed within the following guidelines:
 - The completion of a minimum of 18 credits in a specific discipline, at least one half of which should consist of upper division courses. A minimum of one half of the courses for the minor program must be taken at Saint Peter's University.
 - The courses selected for the minor must be distinct from those required for the core or major. Cognate courses (courses in other disciplines needed to complete major requirements) may be approved as part of the minor program.
 - Normally students may not take a major and a minor in the same department. There are some exceptions to the rule, based on the principle that there are substantial differences in the disciplines offered by some

departments. Students may take both a major and a minor in programs offered by the following departments: Applied Science, Computer Science, Business Administration, Fine Arts, and Modern and Classical Languages and Literatures. Art History majors may minor in Music; English majors, in Communication and Media; and Economics majors, in Finance.

- The GPA for courses in the minor must be 2.0 or greater. Departments may establish GPA requirements higher than 2.0; wherever this is the case, the specific requirements will be stated in the “department section” of the catalog.

Auditing of Courses

Students may register for a course on an audit or a non-credit basis with permission of the appropriate dean. Students may not audit courses in accountancy, studio art, data processing, composition, language studies, or any subject which involves laboratory work, field work, or work of a similar nature. Auditors may not be admitted to closed courses, tutorials or independent studies. Auditors, with approval of the course instructor and permission of the dean, may change their status from audit to credit by the last date for adding courses specified in each term. A grade of “AU” is recorded for courses taken on an audit basis. No other grade is given.

Students auditing a course must plan and have the course approved by their advisor on student planning. After the advisor approves, the student should email the Dean for permission to audit a course. Once the Dean approves, they will let the Registrar's Office know and the student can be coded as an auditor. Credits earned will be zero and the cost will be reduced to one credit. Student Accounts will update the tuition charges to reflect the cost of one credit.

Traditional Day Student Credit Loads

In order to complete the Bachelor's degree in four years, students must complete 15 credits per semester of non-developmental courses. Baccalaureate degree programs at Saint Peter's University require 120 credits for degree conferral. Students must successfully complete at least 30 credits a year to graduate on time. Visit <https://www.saintpeters.edu/case/think-30/> for more information.

- First-year students in good academic standing generally take five courses (one of which is the Freshman Seminar) during the first semester and five courses during the second semester. A dean's approval is required for freshmen to take fewer than 15 or more than 17 credits in the fall or spring semester. Freshmen may not take evening courses. Credits taken during the Summer Academy are considered fall semester credits.
- Sophomores, juniors and seniors in good academic standing may enroll in up to 18 credits in a given term. Flat rate tuition for full-time students covers up to 18 credits. Students wishing to enroll in more than 18 credits, and pay the additional tuition charge, may do so if the following criteria are met for an Overload:
 - They have attained a cumulative grade point average of 3.0.
 - The course they plan to enroll in has been approved by their advisor on Student Planning.
 - They complete the Credit Overload Petition (https://docs.google.com/forms/d/e/1FAIpQLSdcIWI3II3PDWmazNg55MMWPHQn5u2oC9gwaSmmim7mXzw_qg/viewform/) to obtain their advisor's and the dean's approval after careful assessment of the reasons for the additional credit load and the student's ability to successfully complete all courses.

Students on Academic Probation or Suspension

See the Academic Standing section for credit load restrictions for students on academic probation or suspension.

Traditional Day Students Enrolling in Evening Undergraduate (SPS) Courses

Traditional day students are expected to complete their degree requirements through courses offered during the day session. However, traditional day students may take courses in the School of Professional Studies, consistent with the University policy on credit loads, provided they fulfill the following conditions:

- They will have earned 30 or more credits at the time the course commences;
- They secure the approval of the Dean of the School of Professional Studies using Student Planning;

- They must not exceed more than 6 credits in an 8 week term in SPS courses (excluding Janmester courses). Exceptions may be granted by the Dean.
- Students with a GPA below 2.0 are not permitted to enroll in online courses.

Undergraduate Students Enrolling in Graduate Courses

Traditional day and SPS students may enroll in two graduate courses while completing their undergraduate degree, provided they fulfill the following conditions:

- They have completed at least one term at Saint Peter's;
- They have attained a GPA of at least 3.0;
- They have completed at least 60 credits;
- They must complete the Undergraduate Request to Enroll in Graduate Courses (<https://docs.google.com/forms/d/e/1FAIpQLSeAXINWym7WdPOY4mT-ZSP-efwmUzUKkvVqfmaQKifub3KlJA/viewform/>), which will be sent to the Undergraduate Advisor, then Graduate Admissions, the Graduate Program Director (or the appropriate Dean), the Chair, for approval. After they have been approved, the Registrar's Office will process the registration;

Traditional day and SPS students that are admitted to an Accelerated Graduate Program may enroll in up to four graduate courses, while completing their undergraduate degree, provided they fulfill the following conditions:

- They have completed at least one term at Saint Peter's;
- They have applied and been admitted to a graduate program;
- They are coded by admissions with an Accelerated Campus Organization;
- They have attained a GPA of at least 3.0;
- They have completed at least 60 credits;
- They must complete the Undergraduate Request to Enroll in Graduate Courses (<https://docs.google.com/forms/d/e/1FAIpQLSeAXINWym7WdPOY4mT-ZSP-efwmUzUKkvVqfmaQKifub3KlJA/viewform/>), which will be sent to the Undergraduate Advisor, then Graduate Admissions, the Graduate Program Director (or the appropriate Dean), the Chair, for approval. After they have been approved, the Registrar's Office will process the registration;

Undergraduate students are not permitted to register in Winter trimester courses or courses that overlap terms. Credit and GPA Exceptions may be granted by the Dean. If an exception is granted, Financial Aid is not available for Undergraduate Students for the Winter Trimester and this is paid out of pocket.

Traditional Day Student Policy on Summer Session Course Loads

Traditional day students may take no more than 12 credits in a given summer session and no more than six credits in any particular session, and no more than three credits in any session of three weeks or less.

Traditional Day Student Policy on Courses Taken at Other Institutions

While a student is matriculated at Saint Peter's University, only under specific circumstances, can up to 18 credits for courses taken at another college, outside of the fall/spring regular academic year schedule, be transferred to Saint Peter's University to count as part of a student's graduation requirements. (The academic year restriction does not apply to courses taken through the Washington Internship Program or the Saint Peter's University Study Abroad Program.) Other credit load limits apply as well, and the last 30 credits of the degree must be completed at Saint Peter's University. Students also may not matriculate at Saint Peter's and another institution simultaneously during the same academic year.

The following describes the conditions under which matriculated students may transfer in credit for courses taken at an accredited college outside of the fall/spring regular academic year schedule.

1. Prior to registering for a course, a student must complete the Undergraduate Request to Take Courses at Another Institution (<https://www.google.com/url/?usp=%3Dsharing&sa=D&source=editors&ust=1677624406014711&usg=AOvVaw3VsucFQW1o5Hqo0HjDTDN4>) form. The course description from the other college's catalog or webpage must be uploaded or attached. The following individuals' signatures are also required on the form: appropriate dean, chairperson of the equivalent Saint Peter's department, and the chairperson of the student's major department. Note that these signatures do not constitute waivers for the residency requirement, 18-credit limit requirement, or other credit load limit requirements.

2. After the course is completed and a final grade of C (2.0) or better awarded, the student must send a transcript to CASE@saintpeters.edu to evaluate and process.
3. Transfer credits are not computed in the student's grade point average.

Conditions of Non-Matriculation

Non-matriculated students (students who are not pursuing a degree at Saint Peter's University) may not take more than 12 hours of credit. If a non-matriculated student wishes to register for additional credits beyond 12 hours, that student must apply for matriculated degree seeking status. Any request to continue as a non-matriculated student beyond 12 credits must be made in writing, with specific reasons cited, to the appropriate dean and Registrar.

Once matriculated into a degree program at the University, a student may not take courses as a non-matriculated student until he/she has graduated from the University. After a student has graduated, a student may return to the University as a non-matriculated student, but the credit hour limits apply. No courses taken after graduation as a non-matriculated student may be applied retroactively to any major, minor, or degree program.

Class Attendance

Students are expected to attend all classes, arrive on time and remain for the entire class period, and report to class fully prepared with all required materials. To meet these expectations, students must arrange course schedules that minimize conflict with other commitments, including personal commitments, work, or participation in athletics or other university-sanctioned events. When students encounter difficulty meeting these requirements, they must actively engage their faculty member to discuss the concern. The interaction in the classroom among students and faculty is a vital part of the learning experience. At the first class meeting of the term, the professor must indicate what relationship attendance has to the final grade. The responsibility for any work missed due to absence rests entirely with the student.

- **Absence from Class** - An occasional illness or other important personal matter may sometimes make class attendance impossible; however, it is up to the student to notify the instructor within 24 hours, and provide any required documentation within a reasonable amount of time. Whether the absence is excused or not is up to the instructor, and the responsibility for work missed rests entirely with the student. Traditional day students who exceed absences totaling more than two times the number of lecture meetings per week may be given a failing grade if the student continues in the course past the withdrawal date. Students taking SPS classes in eight-week sessions are permitted one absence per term. An absence is defined as missing one class meeting, or for hybrid and online courses, non-participation for a one-week period.
- **Absence from Laboratory** - All missed laboratory sessions must be made up.
- **Extended Absence** - Students who must be absent for extended periods (i.e., three or more consecutive classes for traditional day students or two classes for SPS students) must notify the appropriate dean who will inform the faculty as a service to students. Traditional day students must notify the appropriate dean. Students attending evening classes in Jersey City must notify the office of the Director of the School of Professional Studies (SPS). Bergen County Campus students must notify the Director's office. Upon their return, written documentation from the appropriate source (e.g., hospital, doctor, government agency, etc.), along with the student's cover letter, must be delivered to the appropriate dean. Students must consult their professors about their status upon their return and should not presume their eligibility to continue courses.
- **Absence Due to Trips on Class Days** - Students seeking an excused absence from class due to their participation in a course-related or non-course-related University-sponsored trip must get permission from their instructor(s). Granting the excused absence is at the discretion of the instructor(s). If excused absences are not granted, a student may not be penalized for declining to participate in the course-related trip. If permission is not granted, and a student still decides to participate in the trip, the student is responsible for the consequences that action may have on his/her class attendance record and/or grade. When seeking permission for these excused absences, students should supply instructors with a signed letter from the faculty (or staff) member leading the trip. The letter should indicate the student's name and describe the purpose of the trip.

Examinations

Examinations are a partial but significant measure of a student's academic progress.

- **Class Examinations** - Class examinations are periodic examinations within a course, previously announced by the professor, and generally considered a determining factor in the final term grade.
- **Late Examinations** - Late examinations are conducted by an instructor for those students who have an excused absence for a missed class examination. It is the student's responsibility to make arrangements for a late examination with the professor.
- **Final Term Examinations** - Final term examinations are scheduled by the Registrar for every traditional day course. Any substitute procedure for a final examination must be authorized by an instructor's department chairperson and the appropriate dean. Final exams for SPS courses may be given during the final week of classes and may or may not be given during the final meeting. Projects, papers or presentations may be assigned for SPS courses in lieu of final examinations, as set forth in the course syllabus.
- **Absence from Final Examinations** - The final decision as to whether or not a student has an adequate reason for being absent from a final examination rests completely and exclusively with the professor. If the professor decides the reason is adequate, he/she will arrange for and conduct a late examination. Should the professor decide the student's reason is not adequate, the student receives a failing grade for the examination.

Grading System and Procedures

Grades at Saint Peter's University are assigned on a numerical quality point basis, with a D as the minimum passing grade in each undergraduate subject. A student's final term grade in any course is assigned by the instructor on the basis of performance in all work throughout the entire period of the course, including class participation, recitations, readings, reports, quizzes, major tests, term papers, and final examinations. Final grades for a term cannot be altered later than six weeks after the start of the next term.

Grades should be interpreted as an index of achievement in a course according to the following scale:

Grade	Description
A	4.0 Outstanding
A-	3.7 Excellent
B+	3.3 Very Good
B	3.0 Good
B-	2.7 Above Average
C+	2.3 Average Satisfactory
C	2.0 Satisfactory
C-	1.7 Less than Satisfactory
D+	1.3 Poor but passing
D	1.0 Minimum for passing
F	0.0 Failure; Student stopped attending after midterm grading
FA	0.0 Student never attended or stopped attending course prior to midterm grading without formal withdrawal. The grade of FA is calculated into the GPA. *

*Students who stop attending class meetings, or do not meet other stated attendance measures in a web-based course, will be given a Final Grade of FA: Failure Due to Non-Attendance. The student's Last Date of Attendance in the course will be used in determining if Federal Financial Aid must be returned. It is in the student's best interest to contact their Dean's Office if they cannot complete their courses. A grade of FA in an eligible course impacts the student's Term and Cumulative GPA as indicated in the Grade Table. In cases where an FA is not appropriate, (i.e. failure due to violating the instructor's attendance policy), students will receive a grade of F - Failure.

Other symbols used in the official recording of grades include:

Symbol	Subject
AU	Course audited; no credit
IC	Incomplete in course requirements
IP	In Progress; course runs beyond the normal end of term
IT	Incomplete because of late submission of grade by instructor
P	Pass without a specific grade being given

TR	Credits Transferred
WD	Formal withdrawal from a course

Failures

Students will receive a failing grade for a course whenever they have a final term grade below D, fail to complete the necessary course work in order to remove the grade of Incomplete (IC) from their record, or fail a course due to excessive absence.

Incomplete Grades

If students believe that they have a legitimate reason for requesting time beyond the final examination to complete course work, they may request a grade of Incomplete (IC) from the instructor. If granted, students will have until the deadlines below (semester, quad and trimester) to complete the course work:

- Fall incomplete grades must be changed by March 1st
- Winter incomplete grades must be changed by April 15th
- Spring and Summer incomplete grades must be changed by October 15th

If the instructor has not submitted a Change of Grade Form grade, the Registrar's Office will change the grade of IC to an F.

In Progress Grades

For courses that run beyond the normal end of term, grades of In Progress (IP) may be assigned. Courses assigned an IP grade must have the course work completed by the end of the following term. If the course work is not completed, IP grades will be changed to an IC grade by the Registrar's Office on the dates below:

- Fall incomplete grades must be changed by March 1st
- Winter incomplete grades must be changed by April 15th
- Spring and Summer incomplete grades must be changed by October 15th

Change of Grade

A change of grade can only be initiated by the instructor of a course who must submit an Change of Grade Request Form (<https://www.google.com/url/?q=https://docs.google.com/forms/d/e/1FAIpQLSdwQ0QxFArNCC1RgvZQp6bM6pPivnaxg78A1Rcu66WyNCPGKw/viewform&sa=D&source=editors&ust=1677624406024218&usg=AOvVaw0TPZ6zb5-FYtOuzcdFHRDr>) detailing the reason for the extension to the school dean for approval. Such changes are made in extenuating circumstances only.

Resolution of Grade Disputes

Students have the right to know the components of a course on which their final grade will be based, to be graded fairly, and to understand why they were given a particular grade. The instructor has the right to determine which course components will be graded and the weight that will be given to each, the right to determine the grading scale to be employed, and the responsibility to grade students consistently on that scale. The instructor is also expected to provide a syllabus for each course, specifying the assignments and examinations, and the weight given to each course component in determining the final grade. Finally, graded material should be returned to the student within a reasonable period of time; any material not returned must be retained by the instructor for one year.

Should students believe, in light of the above, that they have been graded unfairly, then the first step is to make an appointment with the instructor, bring copies of any papers and/or exams in question, and request that the instructor review the grade. This may be done until the sixth week of the term after the term in which the grade was issued. After that point, the grade becomes final.

If, after discussing the grade with the instructor, the student still believes that he/she was treated unfairly, then the next step is to seek the assistance of the chairperson of the department in which the course is offered to resolve the issue. Should the department chairperson be the instructor in question, then the appropriate dean is to appoint a member of that department to serve as mediator in the dispute.

If the above steps do not lead to resolution of the issue, the student may meet with the appropriate dean to discuss the issue further.

When the assistance of the chair or the appropriate dean is called upon, that office will act as a mediator and will be authorized to collect all materials (e.g. exams, papers, quizzes and any other evaluative materials), whether in the hands of the instructor or the student, relevant to the construction of the grade. The instructor must be prepared to show that the grade was constructed according to the criteria described in the syllabus.

Pass/Fail Option

Students in good academic standing are allowed to register for one course per term on a Pass/Fail basis. **There is a limit of three Pass/Fail courses in any Bachelor's or Associate's degree program.** Completion of a course under this option results in either a P or F grade. Courses not available for this option are those in the major department, cognate courses required by the major, or courses given through the Honors Program. Students may not take courses needed to satisfy matriculation requirements on a Pass/Fail basis. The Pass/Fail option is not available for basic courses in writing, composition, reading, or for any developmental courses. Permission to take any course under the Pass/Fail option must be approved by the student's advisor and the appropriate dean. A traditional day student who has completed at least one semester of courses at Saint Peter's University or an SPS student who has earned at least six credits may register for one course each summer (including Intersession and the Janmester term) on a Pass/Fail basis. Students on academic probation are not permitted to enroll in the pass/fail grading options during their probationary period.

Credit will be granted for a passing grade, but since there is no numerical equivalent, the grade is not included in the GPA. A failing grade will be recorded as F and will be computed in the student's cumulative average.

Students must complete the PASS/FAIL Request (<https://www.google.com/url?q=https://docs.google.com/forms/d/e/1FAIpQLSfUtYgCEynF94nmySVyCVIkA3rOS2-pVopj4ROaXp2JQak6HA/viewform&sa=D&source=editors&ust=1677624406008643&usg=AOvVaw2CfniBs5KMGQErebOx3k12>) form on the ESC FORMS page by the date noted in the Academic Calendar. Once students have filed for the Pass/Fail option and it has been recorded, they may not cancel the option.

Cumulative Grade Point Average (GPA)

The grade point average is computed in the following manner:

1. Multiplying the grade in each course taken at Saint Peter's University by the number of credits assigned to the course;
2. Adding these products and dividing the total by the total number of credits attempted in all courses taken at Saint Peter's University.

Pass grades, credit by examination grades, and transfer grades are not utilized in computing the cumulative grade point average.

Repeating a Course for a Higher Grade

Students may repeat any course for which they received a grade below a C, including grades of F or FA. All courses and grades remain on the transcript. Only the most recent grade will be included in the cumulative GPA and will apply towards degree completion. This option is open only to students who have not completed their degree requirements for Saint Peter's University. Tutorials and independent studies are not an option for repetition of a course and grade replacement. Students should consult financial aid to determine if the repeated course will be covered by federal financial aid.

Academic Transcripts

A transcript is an official record of courses taken, credits earned, and grades received. The Registrar's Office offers several options for former and current students to order and receive transcripts. In partnership with SCRIP-SAFE®, Saint Peter's is able to provide official transcripts delivered electronically through the SCRIP-SAFE server network.

The cost of the transcript varies by the type of delivery service requested and is detailed on the ordering site. Online orders for same-day service must be received by 4:00 pm Monday through Friday to be processed the same day. No service is available on weekends or official University holidays as indicated on the Academic Calendar.

Unofficial transcripts are no longer provided by the Registrar's Office.

Students with Self-Service (<https://www.google.com/url/?ReturnUrl%3D%252fStudent&sa=D&source=editors&ust=1698760840174771&usg=AOvVaw2DcXU-yRReWw1jSMhWZ2wv>) access may view their unofficial transcripts online; students who do not have access to Self-Service (<https://www.google.com/url/?ReturnUrl%3D%252fStudent&sa=D&source=editors&ust=1698760840174771&usg=AOvVaw2DcXU-yRReWw1jSMhWZ2wv>) must request an official transcript.

No transcripts or certifications will be released to students who have unpaid financial obligations to the University. Once a student graduates, the transcript is considered "sealed" for that particular degree and changes cannot be made.

Students with Disabilities

Saint Peter's University is committed to providing students with disabilities educational opportunities free from discrimination. Eligible students will be afforded appropriate academic accommodations and/or housing accommodations on a case-by-case basis. Student, for the purpose of this policy, includes prospective students, full and part time undergraduate students, full and part time graduate students and doctoral candidates.

Academic Accommodations

Self-Disclosure: Saint Peter's University is not responsible for identifying students with disabilities. In order to receive academic accommodations, students must self-identify and apply for academic accommodations as set forth in this policy. Students with disabilities seeking academic accommodations must self-identify to the University Disability Services Coordinator & Dean of Academic Engagement and Student Success. A student seeking academic accommodation must disclose information about the student's impairment in support of the request and so that a meeting and discussion regarding appropriate accommodations may occur.

Application and Documentation: Students seeking academic accommodations must fill out an Accommodation Request Form. Copies of the Accommodation Request Form are available in the Center for Academic Success and Engagement which is located in the lower level of McDermott Hall or may be obtained online from the Students with Disability website.

Saint Peter's University recommends that the Accommodation Request Form be submitted at least three weeks prior to the start of the term. Students whose applications for academic accommodations are submitted after the start of the term will be processed as soon as possible.

In addition to the student's self-reporting of a disability, the student's health care provider or other qualified professional must submit a certification in support of the student's application. Students may also submit additional supporting documentation to support their requests, such as IEPs, Section 504 plans, or prior evaluations for consideration. Saint Peter's University recommends that the supporting documentation be no more than six years old.

Confidentiality: To the extent permitted by law, any information about students' disabilities or academic accommodations is kept confidential. If release of student records is not required by law, students may elect to file a FERPA Waiver Request with Enrollment Services Center.

Saint Peter's University will not release student information about students' disabilities to their professors, but may communicate with professors to confirm certain information relating to the approved accommodation (i.e. exam date/time) as set forth in this policy.

Approval Process: Academic accommodations must be approved by the University Disability Services Coordinator & Dean of Academic Engagement and Student Success. Students may deliver a completed Accommodation Request Form copies in person or by mail to the Center for Academic Success and Engagement to the University Disability Services Coordinator & Dean of Academic Engagement and Student Success, 2641 John F Kennedy Blvd, Jersey City, New Jersey, 07306.

Matriculated students may also submit applications or supporting documentation by email to accommodations@saintpeters.edu. Students electing to submit applications through email **must** use their Saint Peter's University email address.

Following the student's submission of the application and supporting documentation, a meeting between the student and the University Disability Services Coordinator & Dean of Academic Engagement and Student Success will be scheduled. The purpose of this meeting is to review the documentation submitted and discuss potential academic accommodations. To the extent practicable, these meetings will occur within the first two weeks of the term.

Accommodations will be assessed on a case-by-case basis depending on the student's individual needs, course selection, documentation, and any other information presented during the application process. Accommodations may include, but are not limited to, extended time to take examinations, alternative testing locations, alternative instructions (i.e. read aloud, different instructions), use of calculator, post-test reviews, and copies of materials or enlarged materials.

All academic accommodations must be approved by the University Disability Services Coordinator & Dean of Academic Engagement and Student Success. If the student is approved for academic accommodations, the student will be provided a Letter of Accommodation by the University Disability Services Coordinator & Dean of Academic Engagement and Student Success addressed to each professor for every class that the student is enrolled in and is approved for accommodations in.

Communication with Professors: The Center for Academic Success and Engagement and the University Disability Services Coordinator & Dean of Academic Engagement and Student Success will not forward copies of Letter(s) of Accommodations to approved students' professors.

Students who receive Letter(s) of Accommodations must provide a copy of those letters to their professors in order to receive the approved accommodations. Saint Peter's University recommends that students meet with their professors during office hours or during any other scheduled time to discuss the Letter of Accommodation.

Examinations: Students approved to take examinations in an alternative location must submit notice to the Center for Academic Success and Engagement as soon as possible of the examination's date and time, but at least 10 business days in advance of the scheduled examination. The Center for Academic Success and Engagement will contact the student's professor to confirm the date of the exam and to obtain testing documentation and resources.

Whenever possible, students will be notified by a staff member in the Center of Academic Success and Engagement regarding the location and time of the examination at least 48 hours in advance of the examination.

Renewals of Accommodations: Matriculated students must complete the Academic Accommodation Renewal Request and submit the form to the Center for Academic Success and Engagement. Saint Peter's University recommends that this application at least three weeks in advance of the start of the term. Supporting documentation must be presented with Academic Accommodation Renewal Request applications at least once a year. For example, if a student requests academic accommodations for the fall term, and provides documentation in support of that application, the student may, but is not required to submit additional supporting documentation for the spring and/or summer terms.

Changes of Accommodations: Students are urged to contact the Center for Academic Success and Engagement at any point during the term to discuss changes to approve accommodations or to request alternative accommodations. Changes to previously approved academic accommodations may require submission of additional supporting documentation.

Academic Accommodation Grievance Process

Denials: Denials of academic accommodations must undergo an informal appeal process with the University Disability Services Coordinator & Dean of Academic Engagement and Student Success. Students will meet with the University Disability Services Coordinator & Dean of Academic Engagement and Student Success to discuss the accommodation denial. During this meeting the student may present additional supporting documentation to support the requested accommodation. Students will be notified of the outcome of the meeting within 10 business days of the meeting.

If the meeting with the University Disability Services Coordinator & Dean of Academic Engagement and Student Success does not resolve the dispute, a formal written Academic Accommodation Appeal may be filed with the Associate Vice President for Academic Affairs. Reasons for appeal may include, but are not limited to, failure to provide any accommodations based on the initial documentation, concerns that the accommodations are unaligned with the student's specific course load selected or changes to the courses selected or how access is impaired

or lacking with your current accommodations. This must be submitted within 10 business days of the University Disability Services Coordinator & Dean of Academic Engagement and Student Success decision. Students must include their contact information, identification number, a summary of the dispute and requested outcome. The decision of the Associate Vice President for Academic Affairs is final.

Lack of Implementation: Students who provide their professor(s) with their Letter(s) of Accommodations and whose professor(s) fail to implement the approved accommodations should schedule a meeting with the University Disability Services Coordinator & Dean of Academic Engagement and Student Success as soon as possible after the accommodations is not implemented. University Disability Services Coordinator & Dean of Academic Engagement and Student Success will contact the professor(s) to reinforce that accommodations have been approved and must be implemented.

If the meeting with the University Disability Services Coordinator & Dean of Academic Engagement and Student Success does not resolve the dispute, a formal written Academic Accommodation Appeal may be filed with the Associate Vice President for Academic Affairs. This must be submitted within 10 business days of the meeting held with the University Disability Services Coordinator & Dean of Academic Engagement and Student Success decision.

Students must include their contact information, identification number, a summary of the dispute and requested outcome. The decision of the Associate Vice President for Academic Affairs is final.

Communication to Students/Change of Address

It is each student's responsibility to inform the University of any changes in directory information. You can update your address and contact information on Self-Service (<https://www.google.com/url/?ReturnUrl%3D%252fStudent&sa=D&source=editors&ust=1698760840174771&usg=AOvVaw2DcXU-yRReWw1jSMhWZ2wv>). A student's lack of receipt of important notifications due to the student's failure to provide a correct, current address is not an acceptable reason for non-receipt of important notifications. Ensuring that a correct address is on file is entirely a student's responsibility.

Official Email Communication to Students

The official, sanctioned method of email communication with students is through each student's account provided by the University. Students are expected to check their University email accounts regularly. A student's lack of receipt of important notifications, due to the student's failure to use the email account provided by the University, is not an acceptable reason for non-receipt of important notifications.

Change of Name

Students who wish to change their name on University records must complete an Official Name Change Request. Two forms of legal documentation must be submitted, e.g. a marriage certificate, divorce decree, court order indicating the change of name, SSN card or drivers license indicating the updated name. To update your email address, please contact the service desk.

Academic Standing

The academic records of traditional day students are reviewed by the appropriate dean and the Committee on Academic Standing each semester. The records of students in SPS are reviewed by the appropriate dean two times per year. As a result of this review, students will be placed, at the end of the spring term, in one of the following categories:

- Good Standing - First-year Saint Peter's students with a cumulative GPA at or above 1.8, and all other students at or above 2.0, are considered to be in good academic standing.
- Academic Probation - First-year students who fall below a GPA of 1.8 will be limited to a maximum course load of 12 credits in the following semester. For all other students with a GPA below 2.0, a maximum course load of 15 credits will apply. Pass/fail grading options are not permitted during this probationary period. Additionally, students on academic probation are required to participate in the Academic Recovery Program. Traditional day undergraduate students must schedule a mandatory meeting with the Center for Academic Success and Engagement (CASE), while online students are required to meet with the Dean of Graduate and Professional Education. Moreover, students on academic probation may face restrictions on their participation in co-curricular

activities. These measures are intended to facilitate academic improvement and ensure that students are well-equipped to meet their educational goals.

- Academic Suspension - Students will be placed on Academic Suspension from their studies at the University by the appropriate dean at the end of the spring term if their cumulative GPA falls below the institutional requirements outlined below.

Attempted Credits	24-47	48-71	72-95	95+
Minimum cumulative GPA needed	1.5	1.8	1.9	2.0

Academic Suspension is an enforced termination of formal studies and normally will be granted only once to a student. Students on academic suspension, with the advice and permission of the appropriate dean, may be enrolled for a limited number of courses at another college during the period of their suspension. Successful completion of up to 12 college-level credits indicating a composite GPA at or above the minimum needed will be considered as a positive factor in reviewing a suspended student's application for reinstatement.

For further discussion of the details and implications of Academic Suspension on financial aid, see the section on Student Financial Aid.

Financial Aid Suspension

It is possible for a student to be in good academic standing but be placed on Financial Aid Suspension if the student's completion rate does not meet the federal guidelines. See the Financial Aid section for more information.

Academic Dismissal

If a student, after readmission from Academic Suspension, again becomes academically deficient, the student will be dismissed. Academic Dismissal is final and precludes the possibility of readmission to the University. The transcript will note that a student has been placed on Academic Probation, Academic Suspension, or Academic Dismissal.

Readmission from Academic Suspension

Students on Academic Suspension may apply for readmission by writing a letter to the appropriate dean explaining the reasons for seeking readmission and describing the manner in which the period of suspension has been spent. Traditional day students should address this request for readmission to the Dean of Upperclassmen who will present it to the Committee on Academic Standing. Students who wish to be readmitted to the SPS should write to the appropriate dean who will arrange for an interview to discuss the request for readmission and plans for future study. Applications for readmission should be submitted at least one month before the start of the term for which enrollment is requested.

Students who attended as traditional day students but are requesting readmission to SPS status (or vice-versa) should complete the Request to Change Status form which may be obtained from the appropriate dean of the school into which admission is requested.

Leave of Absence and Separation from the University

Students in good academic standing sometimes find that they must interrupt college studies because of a family situation, a career change, or other personal reason. Students should discuss the situation with the appropriate dean who may suggest a leave of absence. In cases where a leave of absence is not possible, students should then observe procedures for voluntary withdrawal from the University.

Students who are obliged to discontinue their studies for more than one term must complete the Leave of Absence/Separation Form (https://www.google.com/url/?q=https://docs.google.com/forms/d/e/1FAIpQLSf1TP9Cd1Yv0ZrjipKxqMCobndahmWMzfo-xFtJ_yZ_hp3G9w/viewform&sa=D&source=editors&ust=1677624406011144&usg=AOvVaw3ZYz_wb-qCn-168qIPYsN7). Before completing this request, please be advised that as a result of withdrawing if your status drops below full time, your Financial Aid may be recalculated and you are responsible for tuition charges. You can consult financial aid to determine if your financial aid award will change as a result of this withdrawal. You can email financialaid@saintpeters.edu for questions regarding your account. In compliance with federal financial aid

regulations, the date that this request is submitted will be the date used to process the separation from the university.

Students who stop attending the University during a term and do not comply with the procedures to Separate will receive failing grades in all courses for which they registered and will not be readmitted to the University without the permission of the appropriate dean.

Medical Leave of Absence Policy

Purpose: Saint Peter's University expects students to maintain continuous registration throughout their academic program. It is sometimes necessary for a student to take a leave from enrollment for a period of time. The policies and procedures described below establish a process for the medical leave of absence (medical withdrawal) of undergraduate or graduate student. The procedures herein provide guidance for the basis for a medical leave of absence, process for requesting a medical leave of absence, responsibilities of the student, and appeals process.

Basis for Medical Leave of Absence: Saint Peter's University students who experience extraordinary cases in which serious illness, injury, psychological crises, or other significant medical related trauma that substantially impairs their ability to function successfully or safely as a student may be eligible for a medical leave of absence. It is expected that time away from the University will be used for treatment and recovery.

- Absence(s) from class due to an illness or medically related issue(s) is not a medical leave of absence and does not reduce financial obligations or guarantee that final grades will not be recorded. Withdrawing from some or all classes for the semester does not constitute a medical leave of absence. A medical leave of absence determination will be based on an evaluation by the appropriate College/School Dean in conjunction with the Dean of Students. A medical leave of absence is for a partial or complete withdrawal. All applications for partial or complete withdrawal require thorough and credible documentation from qualified medical professionals. Hand written doctor notes, prescription tabs, or other informal documentation will not be accepted.
- A medical leave of absence request may be made at any time during the semester, but must be completed no later than the last day of classes in a semester. Requests not completed by the last day of classes (retroactive requests) will be considered late requests and will be considered for the following semester barring exceptional circumstances. Students who are absent for one or more semesters before officially taking a medical leave of absence jeopardize their privilege to return without reapplication to the University.
- Approval of a leave of absence request does not guarantee that a student will remain able to complete degree requirements within the timeframe associated with their accepted catalog year or as required by the academic college. Individual colleges may have additional stipulations. Students should review the appropriate school or college website and/or inquire with academic advising staff regarding the potential change in degree complete from a medical leave of absence.
- A medical leave of absence is not intended to be a way of shielding a student from unsatisfactory progress or any other academic concern. A medical withdrawal will not be used when disciplinary or other academic responses are appropriate and the student's circumstances should be addressed through those responses.
- A student on a medical leave of absence is not permitted to reside in Saint Peter's University owned or affiliated housing, attend classes, conduct research, maintain employment, participate in Student Life or other campus events, or utilize Saint Peter's University facilities.

Student Responsibilities

Students have several responsibilities in the medical leave of absence process:

1. Students are responsible for completing a written Request for Medical Leave of Absence Form along with appropriate documentation as outlined below in the 'Medical Leave of Absence Student Request Procedures' section.
2. Students are responsible for their financial obligations and loan repayments. This policy does not have any effect on the exemption of students from student loan repayments or other financial obligations. Before taking a medical leave of absence, a student should contact their lender regarding repayment obligations that may arise as a result of their medical leave. A student should also consult with a Financial Aid officer to discuss any impact the leave may have on financial aid and their tuition bill.
3. Students who are participating in an Intercollegiate Athletics program should contact Intercollegiate Athletics to discuss the implications for eligibility and other concerns related to a medical leave of absence.

4. International students with an F1/J1 visa should contact the Director of the Center for Global Learning to discuss the implications and impact on an immigration visa that may result from your medical withdrawal from the University.

Medical Leave of Absence Request Student Procedures

Requests for medical leave of absence must be submitted by undergraduate or graduate degree candidates to the appropriate school or college dean. To request a medical leave of absence, you must submit a Request for Medical Leave of Absence Form along with appropriate documentation. Appropriate documentation for a medical leave of absence withdrawal consists of a letter from your attending health care provider on letterhead that specifies the following:

- the date of onset of illness,
- the dates you were under professional care,
- the general nature of your medical condition and why/how it prevented you from completing course work,
- the date of your anticipated return to school, and
- the last date you were able to attend class.

Additional documentation may be requested should it be determined by the appropriate school dean, or the Dean of Students. The letter must be typed on the health care provider's letterhead stationery and submitted in a sealed envelope.

Medical Leave of Absence Effective Dates - A medical withdrawal, if approved, is effective on the day a signed and fully completed request is received in the appropriate school dean's office.

Tuition, Fees, and Refund Schedule - Approval of a medical withdrawal does not exempt students from their financial obligations. Tuition is adjusted in accordance with the University's refund schedule, which is published by the Office of Student Accounts and is available at www.saintpeters.edu/refund (<http://www.saintpeters.edu/refund/>). Fees are non-refundable after the last day of add/drop.

Parental Notification - The University reserves the right to notify a parent or guardian if deemed appropriate under the circumstances and applicable laws, including making arrangements for the family member to pick up the student from the University's premises.

Privacy of Information Regarding Medical Leave - The University will maintain the privacy of information regarding voluntary and involuntary leaves in accordance with federal, state, and local law, and to the greatest extent consistent with the goal of processing such leaves.

Process for Appeal of Decision - Students may be eligible to appeal a determination of ineligibility for a medical leave of absence after a decision has been made in writing by the appropriate dean. Students who fail to complete the requirements or deadlines will be ineligible for an appeal. A student may request an appeal to the Executive Vice President of Academic Affairs/Provost or designee within five business days of the receipt of the decision. The Executive Vice President of Academic Affairs/Provost or designee will review of the decision. Appeals submitted after five business days will not be considered however; the Vice President of Academic Affairs/Provost or designee may accept late supporting documentation (medical records, documentation from qualified medical professionals, etc.). Such request should be made in writing at the time of the appeal.

The appeal should include detailed support for the request to modify the original decision. The Executive Vice President of Academic Affairs/Provost or designee will review the student's appeal and may affirm, overturn or modify the decision within ten working days from the date of receipt of request for review or an agreed extended time. The Executive Vice President of Academic Affairs/Provost or designee can meet with the student if needed or can consult with anyone that he or she determines is reasonable in order to review the appeal. The decision will be communicated to the student in writing and shall be considered final.

Return Procedure

Traditional day students who have been away from the University may resume studies by conferring with the Center for Academic Success and Student Engagement who will oversee the procedures for updating their status.

SPS students who have been away for two terms must see the director who will assist them with procedures for readmission to the University.

The Student-University Contract: Principles of Student Conduct

Statement of Purpose

As a Catholic and Jesuit University, Saint Peter's stands for the human dignity and worth of every person, and is dedicated to pursuing truth, discovering and transmitting knowledge, promoting a life of faith, and developing leadership expressed in service to others. The University's educational mission reflects a commitment to intellectual rigor, social justice, and an active engagement of contemporary issues. Saint Peter's believes, therefore, in values that foster the human respect needed for people to live, work, study and recreate together as a community. Living these values requires each of us to make an effort towards building a campus community that will be known for love of truth, active care, concern for the common good, and selfless sacrifice towards others.

The Division of Student Affairs implements the University's mission by sponsoring programs, services and activities that encourage students to develop academically, spiritually, socially, physically, and personally. In partnership with students, faculty, and staff, the offices that comprise the Division of Student Affairs help to create an educational climate consistent with principles rooted in its Jesuit, Catholic tradition. Saint Peter's University takes seriously its academic mission of fostering the creative intellectual potential of each of its students. In order to maintain an atmosphere that nurtures this potential, Saint Peter's University has established rules of conduct consistent with this goal and with the University's philosophy as a Catholic institution. By accepting admission to the University, students are expected to abide by the general conditions for community living and the **Code of Conduct**. Working together as a community, students, faculty, and staff help foster a campus atmosphere that furthers the mission of the University. Students are expected to enhance the University Community Standards. This expectation calls for behavior that demonstrates the five principles of student conduct: respect for oneself, respect for others, respect for property, respect for authority, and honesty.

Student Code of Conduct

The Student Code of Conduct can be found in the Student Handbook, which is available in the Office of the Dean of Students and on the University website. The Handbook also includes additional information on topics such as emergency administrative action, judicial procedures and hearings, and judicial sanctions.

Standards of Classroom Behavior

The primary responsibility for managing the classroom environment rests with the faculty. Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the instructor to leave the class for the remainder of the class period. Longer suspensions from a class or dismissal on disciplinary grounds must be preceded by the instructor filing a formal Complaint Against a Student form with the Dean of Students, who will then convene a judicial hearing, as set forth in the Student Handbook.

The term "prohibited or unlawful acts" includes behavior prohibited by the instructor including, but not limited to:

1. The use of cell phones.
2. Leaving to answer cell phones.
3. Eating or drinking in the classroom.
4. Speaking without being recognized or called on.
5. Refusing to be seated
6. Disrupting the class by leaving and entering the room without authorization.

It must be emphasized that these standards are not designed to be used as a means to punish classroom dissent. The expression of disagreement with the instructor or classmates in a civil manner is not in itself disruptive behavior.

Academic Dishonesty

The University, as a matter of policy, does not condone or tolerate academic dishonesty, such as cheating or plagiarism. Students who cheat or submit plagiarized work are liable to receive a failing grade for the assignment and/or the course at the discretion of the instructor. In more serious cases, the student who cheats or plagiarizes is liable

to be suspended or dismissed from the University by the appropriate dean. Instructors submit Academic Dishonesty Reports to the appropriate dean and these reports are included in students' permanent files.

Cheating is a serious form of dishonesty. It may be defined as the giving or accepting of unauthorized assistance with any assignment (including, but not restricted to, examinations and papers). The most common examples would be: copying an answer on an examination; knowingly allowing your answer to be copied (except when collaboration is authorized by the instructor); bringing unauthorized aids to an examination room for your own or someone else's benefit, and providing test questions in advance (or receiving them from anyone other than the instructor in the course).

Plagiarism is another serious form of dishonesty. It may be defined as stealing or purchasing the ideas and writings of another and using them as one's own. The most common form of plagiarism is the incorporation of whole sentences and paragraphs from published material into papers submitted as one's own work or purchasing term papers and/or related materials and submitting them as one's own work. The forms of plagiarism are many and varied, and it is not the intent of this policy statement, therefore, to give a complete catalog. Plagiarism is rarely the result of confusion or misunderstanding. If one conscientiously acknowledges the sources of one's ideas and citations, plagiarism is effectively avoided. In cases of doubt, students should consult their instructors.

Computer Usage and Piracy

Information on computer usage and piracy can be found in the Student Handbook, which is available in the Office of the Dean of Students and on the University website.

Grievance Procedures

Saint Peter's University, through its Faculty Senate, has codified and established procedures for resolving student grievances that are not resolvable through normal departmental and/or divisional channels. (Such grievances DO NOT include violations of the Student Code of Conduct, which are adjudicated by the Dean of Students through student judicial hearings.) These procedures are too lengthy to be enumerated here. For further information, contact the offices of the appropriate dean, Student Life and Development, or Human Resources.

Disclosure of Information

Disclosure of information is required by various laws and regulations, including the Family Educational Rights and Privacy Act (FERPA), the Equity in Athletics Disclosure Act, the Drug-Free School and Communities Act, and the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act.

In accordance with these laws and regulations, Saint Peter's University makes available to prospective students, current students, and employees the following information: the Annual Campus Security Report; drug and alcohol prevention information; athletic program participation rates and financial support; information regarding all federal, state, local, private, and institutional financial assistance available to students; institutional information regarding costs, refunds, withdrawal requirements, and requirements for return of Title IV funds; information regarding accreditations held, disability services, employees available for assistance, and study abroad program information; graduation and transfer rates; and student rights under the Family Education Rights and Privacy Act. Instructions regarding how to obtain all of this information can be found on the University's website.

Immunization Requirements

Measles, Mumps, and Rubella Regulations and Requirement. New Jersey State Law (N.J.A.C. 8:57:6.1.13) requires all college entrants to submit documented proof of immunization against Measles, Mumps and Rubella prior to registration. The requirements are as follows.

- Two doses of a live Measles or Measles containing vaccine
- One dose each of a Mumps and Rubella vaccine

OR

- Two doses of the combination vaccine Measles, Mumps, Rubella (MMR)

OR

- Blood test (titer) to verify immunity to Measles, Mumps and Rubella

The first dose of the vaccine must be no sooner than four days prior to the first birthday, and the second dose no less than one month later. If no childhood record is available, a student must then be vaccinated. The first and second dose are given one month apart.

Hepatitis B Regulations and Requirements. New Jersey State Law (N.J.A.C.8:57:6.9) requires all full-time college entrants to submit documented proof of immunization against Hepatitis B. The requirements are as follows.

- Three doses of a Hepatitis B containing vaccine, or alternately any two doses of a Hepatitis B vaccine licensed and approved for a two dose regimen administered to the student between 11 through 15 years of age.

OR

- Blood test (titer) to verify immunity to Hepatitis B. Lab results are required.

Meningitis Regulations and Requirements. New Jersey State Law A1546 requires all college entrants who reside in a campus residence facilities must receive a Meningococcal vaccine as a condition of attendance.

Immunization Exemption

According to the laws of New Jersey, a student may receive an exemption for Measles, Mumps, and Rubella ONLY if he/she satisfies any of the following criteria.

1. Age - A student must have been born on or before January 1, 1957. A photocopy of the student's birth certificate, driver's license, or passport is required.
2. Religious – A student must provide a written statement explaining how these immunizations conflict with the student's bona fide religious tenets or practices. Philosophical or moral objections are not sufficient.
3. Medical – A student must provide a physician's written statement explaining the exemption and including a diagnosis.

Insurance

The State of New Jersey requires all full-time students to carry accident and sickness insurance. Full-time students are automatically enrolled in the University's Group Student Accident and Sickness (Health) Insurance Program. The Accident Insurance policy, which is mandatory, covers students, on or off campus, 24/7 for the entire year, including vacation periods. Full-time students are required to maintain a Sickness (Health) Insurance plan **or present evidence that they are covered under another plan.** Brochures are mailed directly to all full-time students' homes during the summer months, and are also available in the offices of Student Affairs and Health Services. **Claim forms** may be picked up at the Health Services Office (Saint Peter Hall) or downloaded from the Health Services webpage.

Notification of Rights Under FERPA for All Students

The *Family Educational Rights and Privacy Act (FERPA)* affords students certain rights with respect to their education records. These rights include:

- 1.) The right to inspect and review the student's education records within 45 days of the day the University receives a request for access. A student should submit a written request that identifies the record(s) the student wishes to inspect to the University Registrar. The Registrar 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 Registrar, s/he shall advise the student of the correct official to whom the request should be addressed.
- 2.) The right to request the amendment of the student's education records that the student believes to be inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's 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.

3.) The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent. The University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University.

4.) The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

Family Policy Compliance Office

U.S. Department of Education

400 Maryland Avenue, SW Washington, DC 20202#5901

FERPA Waiver - Students who wish to authorize release of their academic information to parents, guardians, spouses or any other individual may do so by submitting a *FERPA Waiver Request* to the Enrollment Services Center. Once recorded, the student will be able to issue authorization on Self-Service (<https://www.google.com/url/?ReturnUrl%3D%252fStudent&sa=D&source=editors&ust=1698760840174771&usg=AOvVaw2DcXU-yRReWw1jSMhWZ2wv>). By signing a *FERPA Waiver Request*, the student is waiving his/her rights under the *Family Educational Rights and Privacy Act* and is asking that grades, grade point averages, course schedules, or academic standing be released to the named person(s) indicated on the *Waiver*. The requested information will be released to the named person(s) via *Self-Service*, once the system has been updated; in person with photo identification; or by mail when the named person makes a written request for the information. **

**Please note that absolutely no Non-Directory Information relating to academic status (e.g., grades and/or grade point average) will be released by telephone or email whether or not a *Waiver* is submitted. Also, the submission of a *Waiver* does not include the release of any student passwords.

Financial Aid - FERPA provides an exception regarding the release of education records information without the consent of the student when the release is related to financial aid. The disclosure is permitted if the information is necessary to determine eligibility for the aid; determine the amount of aid; determine the conditions for the aid; and/or enforce the terms and conditions of the aid.

Release of Information Via Telephone - Although FERPA does not preclude an institution from disclosing Non-Directory Information via telephone to the student or a *FERPA Waiver* contact, it is the University's policy that no Non-Directory Information relating to academic status (e.g., grades and/or grade point average) will be released by telephone, whether or not a *Waiver* is submitted. Billing information, including tuition and fee charges, outstanding balances, and financial aid information, will be communicated via telephone providing the student or *Waiver* contact can correctly answer personally identifiable questions that only the student or *Waiver* contact would be able to answer. These questions may include, but are not limited to, Saint Peter's Student Identification Number (*Self-Service Number*), permanent address on file, high school or previous institutions attended, and currently enrolled courses.

Statement Regarding Dependent Students - Institutions are not required to disclose information from the student's education records to a parent of a dependent student. Saint Peter's University does not accept proof of dependency status in lieu of a *FERPA Waiver Request*.

School Officials - School officials with a legitimate educational interest may access student education records with the scope of performing their job duties. A school official is deemed to have legitimate educational interest if the information requested is necessary for that official to:

(a) perform appropriate tasks that are specified in his/her position description or by contract agreement; (b) perform a task related to a student's education; (c) perform a task related to the discipline of a student; (d) provide a service of benefit relating to the student or student's family.

Disclosure to a school official having a legitimate educational interest does not constitute authorization to share that information with a third party without written consent.

Statement Regarding Transfer of Education Records - Saint Peter's University does not release education records to any external third-party without a signed request.

Campus Security/Police Records and Disciplinary Records - In order to remain exempt from FERPA, law enforcement and disciplinary records are therefore created by the University's law enforcement unit and/or Dean of Student's Office, for law enforcement or disciplinary purposes, and are maintained separately from education records.

Retention of Academic Documents - Saint Peter's University does not re-release official copies of documents submitted for admission, scholarship application, or any other academic reason. This includes, but is not limited to, high school and non-Saint Peter's University transcripts. A student may request copies of materials in the academic file; the copies provided will bear a "FILE COPY" watermark. The student's signature is required to release copies of any documents from the academic file. Saint Peter's University follows the *American Association of Collegiate Registrars and Admissions Officers* (AACRAO) guidelines for retention and disposal of student records: materials in academic files are destroyed following five years of non-attendance for any reason. The complete policy is available in the Enrollment Services Center.

Release of Information Under Special Circumstances - Records may be released to parents without a signed *FERPA Waiver Request* under certain exceptions. These include health or safety emergency; or where the student has been found in violation of the University's code of conduct relating to the use of alcohol and/or another controlled substance if the student is under the age of 21.

Student's Right to Non-Disclosure of Directory Information - FERPA requires Institutions to give public notice to students in attendance of the categories of personally identifiable information which the institution has designated as Directory Information. Institutions may disclose Directory Information about former students without meeting the notification requirement; however, if a student has requested, at his or her last opportunity as a student, that Directory Information not be disclosed, the institution must continue to honor that request until informed to the contrary by the former student. If requested to withhold Directory Information by a student after he or she has left the institution, the institution may, but is not required to, comply with the request.

Information Which May be Designated as Directory Information

Saint Peter's University hereby designates the following information as public or "Directory Information." Such information may be disclosed without a student's previous consent by the University for any purpose, at its discretion:

- Student Name(s) and Spirit Number
- Address Information (local, permanent, and email)*
- Telephone number (local and permanent)
- Date and place of birth
- Program major(s)/concentration(s), and minor(s)
- Student activities including athletics
- Dates of attendance
- Date of graduation, degrees sought/conferred, and other academic awards
- Most recent previous school attended and/or high school
- Academic awards and scholarships, including Dean's List
- Full or Part-time status

* Address information is not provided without a written request indicating the reason for the information.

As of January 3, 2012, the U.S. Department of Education's FERPA regulations expand the circumstances under which your education records and Personally Identifiable Information (PII) contained in such records — including your Social Security Number, grades, or other private information — may be accessed without your consent. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local

education authorities (Federal and State Authorities) may allow access to your records and PII without your consent to any third-party designated by a Federal or State Authority to evaluate a federal or state-supported education program. The evaluation may relate to any program that is "principally engaged in the provision of education," such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records without your consent to researchers performing certain types of studies, in certain cases even when we object to or do not request such research. Federal and State Authorities must obtain certain use-restriction and data security promises from the entities that they authorize to receive your PII, but the Authorities need not maintain direct control over such entities. In addition, in connection with Statewide Longitudinal Data Systems, State Authorities may collect, compile, permanently retain, and share without your consent PII from your education records, and they may track your participation in education and other programs by linking such PII to other personal information about you that they obtain from other Federal or State data sources, including workforce development, unemployment insurance, child welfare, juvenile justice, military service, and migrant student records systems.

Procedure to Withhold Directory Information

Saint Peter's University will not partially withhold Directory Information, so students are advised to think carefully before withholding disclosure as this may prevent third-parties from obtaining critical information in a timely manner, including degree conferral and enrollment verification. To withhold disclosure of Directory Information, written notification must be provided. Saint Peter's University assumes that failure on the part of any student to specifically request the withholding of Directory Information indicates individual approval for disclosures. If students wish to restrict the release of Directory Information, they should contact the University Registrar, who will explain the ramifications and provide a statement for the student to sign as indication they do not want Directory Information released.

Policy Notification

At the beginning of each fall and spring semester, every student enrolled at Saint Peter's University receives an email from the Registrar containing an updated FERPA policy for the current academic year. The policy also appears in academic catalogs, and printed copies are available in the Enrollment Services Center.

SAINT PETER'S UNIVERSITY

Enrollment Services Center

University Registrar

2641 John F. Kennedy Boulevard

Jersey City, NJ 07306

phone: (201) 761-6050 fax: (201) 761-6051

registrar@saintpeters.edu

Traditional Day Departments and Programs

Departments, Programs, and Courses of Instruction

Each department or program offering a field of major concentration has listed its requirements and recommendations under department listings in this catalog. Students will be held responsible for observing these directives to the satisfaction of the department or program which administers the major course of study.

The Registrar's Office published the Course Schedule each term on SpiritOnline. Students are required to review the Registration Schedules each term. Not all courses listed in this catalog are offered every term or every year. Some courses are offered every other year. To determine when a course will be offered, please consult the Chair of your department. The University reserves the right to cancel courses for which there are insufficient enrollments.

Course Numbering System

Each course number normally designates a course for a single term.

Classification	Type of Course
001-099	developmental courses, including courses for non-effective credit such as MA-001 Introductory Algebra
100-150	required core courses, including freshman and sophomore HP seminars which replace certain required core courses
151-199	other introductory level courses such as Drawing and Painting Workshops
200-499	upper-division courses which may have prerequisites determined by content or maturity of attitude
500-600	graduate courses
Special Course Designations, as follows:	
295	Cooperative Education courses arranged by the Center for Experiential Learning and Career Centers
390-398	Research Projects, etc. (courses involving 1:1 student/faculty ratio)
490-499	Seminars for groups of students, including HP Junior and Senior elective seminars and departments internships
500-600	Accelerated Graduate Courses

Course Credits

Unless otherwise indicated in the description for each course, courses offered by the University are three-credit courses.

Prerequisites

A prerequisite is a course or its equivalent that normally must be taken and passed before admission to a given course can be approved.

Subject Symbols

The following abbreviations are used throughout the catalog to indicate the various subjects:

Symbol	Subject
AB	Arabic
AC	Accounting
AF	Africana Studies
AR	Art
AT	Anthropology
BA	Business Administration
BC	Biochemistry

BI	Biology
BL	Business Law
BT	Biotechnology
CH	Chemistry
CJ	Criminal Justice
CM	Composition
CN	Chinese
CS	Computer Science
CU	Communication
CY	Cyber Security
DS	Data Science
EA	English Acquisition
EC	Economics
ED	Education
EE	Elementary Education
EL	English
ES	Environmental Science
EX	Exercise Science
EV	Environmental Studies
FN	Finance
FR	French
GK	Greek
GM	German
GS	Gender and Sexuality
HC	Health Care (Science-based)
HE	Health Education
HL	Health Sciences
HP	Honors Program
HS	History
IS	Information Science
IT	Italian
JN	Journalism
JP	Japanese
LA	Latin
LS	Latin American & Latino Studies
LW	Law
MA	Mathematics
ML	Modern Languages
NS	Natural Science
NU	Nursing
PC	Physics
PE	Physical Education
PL	Philosophy
PO	Political Science
PS	Psychology
RD	Reading
SE	Secondary Education
SM	Sports Management

SJ	Social Justice
SO	Sociology
SP	Spanish
TH	Theology
UR	Urban Studies
YS	Youth and Family Studies

College of Arts and Sciences

Dr. WeiDong Zhu, *Dean*

Dr. Jeffrey Dueck, *Assistant Dean*

The College of Arts and Sciences is the original foundation of Saint Peter's University, offering the core curriculum as well as an abundance of majors and minors in the humanities, arts, social sciences, and natural sciences. In the Jesuit tradition, the College fosters in every student intellectual curiosity, critical thinking, and strong communication skills, while igniting a passion for lifelong learning. Providing opportunities for research, experiential learning, and internships around the New York Metropolitan area, the College ultimately prepares students for success in a wide range of careers, as enlightened and ethical leaders dedicated to inclusivity and service to others.

Founded in 1872, the College of Arts and Sciences is the oldest college at Saint Peter's. The University's broad **core curriculum** is housed here and it thoroughly prepares students to critically address issues that are fundamental to a humane education. Students learn to intellectually appreciate diverse perspectives and ideas, to be conscious of social and moral obligations, and to respect the traditions of Jesuit education. The College's more than 50 undergraduate majors, minors, special programs, as well as its articulation programs and graduate programs are designed to further develop ethically minded students to become rigorous and critical thinkers, lifetime learners and strong leaders in today's diverse and global society.

Undergraduate Major Programs*

- Anthropology (B.A.)
- Art History (B.A.)
- Asian and Asian-American Studies
- Biochemistry (B.S.)
- Biology (B.S. and B.A.) – B.S. with a concentration in Forensic Science
- Biotechnology (B.S.)
- Chemistry (B.S. and B.A.) – B.S. with a concentration in Forensic Science
- Classical Languages and Literatures (B.A.)
- Classical Civilization (B.A.)
- Communication (B.A.)
- Criminal Justice (B.A.) – with concentrations in Law and Justice, Corrections, Police Administration, Investigative Sciences and Profiling, Criminal Research and Intelligence Analysis, Cyber Security and Computer Forensics, and Foundations of Law
- English Literature (B.A.)
- Environmental Studies (B.A.)
- Fine Arts (B.A.)
- Graphic Arts (B.A.) – a concentration in Photography is also available
- Health Sciences (B.S.)
- History (B.A.)
- Latin American and Latino Studies (B.A.)
- Mathematics (B.S. and B.A.) – B.A. with concentrations in Elementary Education, and in Secondary Education
- Medicinal Chemistry (B.S.)

- Modern Languages (B.A.) – with concentrations in Italian and/or French
- Natural Science (B.S.)
- Philosophy (B.A.) – with concentrations in Ethical Leadership and Ethics and Moral Philosophy
- Physics (B.S.)
- Political Science (B.A.)
- Psychology (B.S.) – with concentrations in Clinical, Industrial-Organizational, and Forensic Psychology
- Sociology (B.A.)
- Spanish (B.A.)
- Theology (B.A.)
- Urban Studies (B.A.)
- Visual Arts (B.A.)

* Almost all major programs offer a minor with a credit requirement ranging from 18 to 20 credits.

Undergraduate Minor Programs (self-standing)

- Africana Studies
- Creative Writing and Publishing
- French
- Gender and Sexuality Studies
- Italian
- Journalism
- Music
- Public Relations
- Social Justice
- Theater Arts
- Theatre

Collaborative/Articulation Programs

- Pre-Med/Pre-Dental Program (with Rutgers University)
- Pre-Pharmacy Program (with Rutgers University)
- Pre-Physical Therapy Program (with Rutgers University)
- Clinical Laboratory Sciences (with Rutgers University)
- Dual Bachelor's degree in Physics and Electrical Engineering (with New Jersey Institute of Technology)
- Joint B.S./M.S. Program in Physics/Engineering Physics (with Stevens Institute of Technology)
- Joint B.A./J.D. Program (with Seton Hall University)

Graduate Programs

- Communication and Public Relations (M.A.)
- Health Sciences (M.S.)
- Industrial-Organizational Psychology (M.S. and M.A.)
- Public Administration (M.A.)

* Accelerated graduate programs are available for high achieving undergraduate students.

Africana Studies Program

Dr. David S. Surrey, *Program Director*

The Africana Studies Program offers a minor in Africana Studies that includes both Africana Studies courses and courses from Business Administration, Education, Economics, Fine Arts, History, Latin American/Latino Studies, Political Science, Sociology, Theology and Urban Studies to provide students with a foundation for understanding the historical underpinnings of current events involving people of African ancestry.

Requirements for a Minor in Africana Studies

AS-177	Introduction to Africana Studies	3
AS-343	Black Theology	3
Select 4 of the following:		12
LS-101	Intro Latin Amer & Latino Stud	
UR-202	Urban Music: Jazz to Hip-Hop	
SJ-137	Nonviolence Community Org. Social Move	
AR-231		
SO-224		
LS-227		
AR-240	Cultural Diversity in Art	
UR-333		
LS-351	Latina/O/X Communities	
SO-360	Intercultural Relations	
UR-412	Ethnicity and Race in Urban History ²	
PO-422		
ED-428	Literature of East and West Africa	
EC-452	Economic Development	
UR-460		
TH-496	Theology and Urban Problems	
AR-499	Short-Term Study Abroad (Travel Course)	
Total Credits		18

¹ Values Course

² Values, Writing and Pluralism Course

American Studies Program

James P. Jacobson, *Coordinator*

The American Studies Program offers an interdisciplinary approach to the study of the history, culture and society of the United States. It provides students with the opportunity to develop an integrated understanding of American society by transcending the boundaries of traditional disciplines. You need to take 10 courses from the list below. (1) You may sample courses from as many areas as possible. (2) You can also, in consultation with the program coordinator, choose an individualized area of concentration such as: The American City, The American Family, American Public Policy, Politics in America, Race and Ethnicity in America, Visual, Literary and/or Performance Cultures, Criminal Justice in America, American Government, Women in America and Minority Groups in America. Areas of concentration may be highly individualized, depending on the student's intellectual focus, prior preparation and the availability of courses.

Requirements for American Studies Major

Degree of Bachelor of Arts

Interdisciplinary Electives

Select one course from five of the following groups.

Group 1

AR-214	Art Advertising and Design	3
AR-240	Cultural Diversity in Art	3
AR-250	Live Performance Art	3
AR-340	The Visual Arts in America	3
AR-420		3
AR-293	Today's Film Scene	3

Group 2

CJ-165	Introduction to Criminology	3
CJ-170	Intro to Criminal Justice	3
CJ-175	Intro to Law Enforcement	3
CJ-210	Multiculturalism in Justice	3
CJ-222	Family Law	3
CJ-240	Gangs and Organized Crime	3
CJ-253	Social Deviance	3
CJ-258	Criminal Justice Ethics (Values course)	3
CJ-280	Juvenile Delinquency	3
CJ-306		3
CJ-390	Criminal Law	3
CJ-420	Drugs Society & Human Behavior	3
CJ-485	Child Protection Agencies and the Law	3

Group 3

CU-256	The Horror Film	3
CU-282	Leadership	3
CU-285	Gender & Communication	3

Group 4

EC-324	Poverty & Inequality	3
EC-351		3

Group 5

ED-160	Education/Schooling/Multicultural Soc	3
ED-390	Innovative Projects in Education I	3

Group 6

EL-353		3
EL-356		3
EL-493	Film Noir: Dark Side of American Film	3
Group 7		
HS-344	Alexander Hamilton's America	3
HS-345	The Era of the Civil War	3
HS-347	American Republic 1919-1945	3
HS-375	The World Wars	3
HS-444	History of American Immigration	3
Group 8		
PO-201	American Government	3
PO-207	The Mass Media and American Politics	3
PO-215	United States Foreign Policy	3
PO-303		3
PO-304		3
PO-310	Feminist Political Theory	3
PO-311		3
PO-409	Constitutional Law & Governmental Powers	3
PO-417	Constitutional Law & Civil Liberties	3
Group 9		
SO-208		3
SO-224		3
SO-256	Sociology of Sports	3
SO-345	Sociology of Intimacy	3
SO-370	Urban Anthropology	3
Group 10		
TH-343	Black Theology	3
TH-496	Theology and Urban Problems	3
Group 11		
UR-151	The Contemporary City (Core Social Science)	3
UR-202	Urban Music: Jazz to Hip-Hop	3
UR-308	Analysis of Urban Social Class	3
UR-309	Women in Changing Urban World	3

Department of Applied Science and Technology

Dr. Debing Zeng, *Chairperson*

The Department of Applied Science and Technology houses a minor in Physics and majors in Biochemistry, Biotechnology, and Physics. The Department also houses a number of combined or joint degree programs through articulation agreements with other area colleges, universities, medical/dental schools, and hospitals. Detailed information about both admission and degree requirements for these programs can be found in the separate section for each program.

Majors

Degree of Bachelor of Science

Biochemistry
Biotechnology
Physics

Minors

Physics

Physics Joint Programs

4+1 joint programs between Saint Peter's University (Bachelor of Science in Physics) and Stevens Institute of Technology (Master in Physics, or Engineering Physics).

Engineering Joint Program

3+2 joint programs between Saint Peter's University (Bachelor of Science in Physics) and Stevens Institute of Technology (Master in Mechanical Engineering, Electrical Engineering, or Applied Artificial Intelligence).

Asian and Asian-American Studies

Mark DeStephano, Ph.D., *Director*

The program offers a major and minor in Asian Studies consisting of courses that are selected from throughout the University curriculum and that deal entirely or in more than half of their content with Asian and/or the Asian-American Diaspora. Experience abroad through participation in study abroad, a University travel course, or other credit-bearing experiences is not required but is strongly recommended.

Requirements for the Asian Studies Major

Degree of Bachelor of Arts

Six of the required credits for the major count towards the Core Curriculum Requirements.

AN-100	Introduction to Asian Studies	3
Take the following four course sequences: ^{1, 2}		12
Chinese		
AN-113	Elementary Mandarin Chinese I	
AN-114	Elementary Mandarin Chinese II	
Japanese		
AN-130	Elementary Japanese I	
AN-131	Elementary Japanese II	
AN-134	Intermediate Japanese I	
AN-135		
Select six Asian Studies Courses		18
Total Credits		33

¹ Students who initially place above the introductory level should choose consult the Program Director to choose four suitable language courses.

² The first two courses in the sequence fulfill the Core Language Requirement.

Requirements for the Asian Studies Minor

AN-100	Introduction to Asian Studies	3
Select one of the following two course sequences: ¹		6
Chinese		
AN-113	Elementary Mandarin Chinese I	
AN-114	Elementary Mandarin Chinese II	
Japanese		
AN-130	Elementary Japanese I	
AN-131	Elementary Japanese II	
Select three Asian Studies Courses		9
Total Credits		18

¹ Students who initially place above the introductory language level should choose consult the Program Director to choose suitable language courses.

Biochemistry Program

Leonard Sciorra, Ph.D., *Coordinator*

The Biochemistry Program is housed within the Department of Applied Science and Technology. The Department offers a major in Biochemistry in collaboration with the Biology and Chemistry Departments.

Requirements for Biochemistry Major

Degree of Bachelor of Science

Twelve of the required credits for the major count towards the Core Curriculum Requirements.

BI-183	General Biology I (Core Natural Science)	3
BI-185	General Biology I Lab	1
BI-184	General Biology II (Core Natural Science)	3
BI-186	General Biology II Lab	1
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BC/CH-421		2
For Capstone, choose from one of the following		3
BC-390	Spec Topics: Biological Chem (Capstone)	
CH-499	Research in Chemistry	
HP-492	Honors Thesis: Independent Study	
CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-365	Physical Chemistry I	3
CH-365L	Physical Chemistry I Lab	1
CH-366	Physical Chemistry II	3
CH-366L	Physical Chemistry II Lab	1
BC/CH-442	Biochemistry I	3.00
BC/CH-442L	Biochemistry 1 Lab	1.00
BC/CH-443	Biochemistry II	3.00
BC/CH-443L	Biochemistry II Lab	1.00
MA-143	Differential Calculus (Core Math)	4
MA-144	Integral Calculus (Core Math)	4
MA-273	Multivariable Calculus I	4
PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
Total Credits		69

Special Notes on Major Requirements

- ¹ Students are strongly encouraged to take BI-350 Genetics and BI-350L Genetics Lab.
- ² Students in Capstone must make a formal oral and written presentation of their research.

Department of Biology

Dr. Christina Mortellaro, *Chairperson*

The Biology Department offers two majors and a minor in Biology. Students may choose a B.S degree with a concentration in Biology or Forensic Science or a B.A. degree with a concentration in Biology or Secondary Education.

Requirements for Biology Major

Degree of Bachelor of Science

Biology Concentration

Twelve of the required credits for the major count towards the Core Curriculum Requirements.

BI-183	General Biology I ¹	3
BI-185	General Biology I Lab	1
BI-184	General Biology II ¹	3
BI-186	General Biology II Lab	1
BI-215	Principles of Anatomy and Physiology	4
BI-215L	Principles of Anatomy and Physiology Lab	0
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
BI-310	Ecology (WI)	4
BI-310L	Ecology Lab	0
BI-	Biology Electives (300-level or above)	11
BI-485	Current Issues in Biology (Capstone)	3
CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
MA-132	Statistics for Life Sciences ²	3
MA-133	Calculus for the Life Sciences ²	4
PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
Total Credits		61

¹ May count towards the Core Natural Science Requirement.

² May count towards the Core Mathematics Requirement.

Forensic Science Concentration

Twelve of the required credits for the major count towards the Core Curriculum Requirements.

BI-183	General Biology I ¹	3
BI-185	General Biology I Lab	1
BI-184	General Biology II ¹	3
BI-186	General Biology II Lab	1
BI-215	Principles of Anatomy and Physiology	4

BI-215L	Principles of Anatomy and Physiology Lab	0
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
BI-361	Criminalistics & Forensic Science	3
BI-450	Microbiology	4
BI-450L	Microbiology Lab	0
BI-485	Current Issues in Biology (Capstone)	3
CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-442	Biochemistry I	3
MA-132	Statistics for Life Sciences ²	3
MA-133	Calculus for the Life Sciences ²	4
PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
CJ-170	Intro to Criminal Justice	3
CJ-316	Criminal Evidence	3
CJ-405	Crime Investigation	3
CJ-406	Homicide: Investigation & Prosecution	3
Select one of the following:		1
CJ-486	Internship I (Capstone Experience)	
CJ-487	Internship II (Capstone Experience)	
Total Credits		77

¹ May count towards the Core Natural Science Requirement.

² May count towards the Core Mathematics Requirement.

Bachelor of Arts

Biology Concentration

Twelve of the required credits for the major count towards the Core Curriculum Requirements.

BI-183	General Biology I ¹	3
BI-185	General Biology I Lab	1
BI-184	General Biology II ¹	3
BI-186	General Biology II Lab	1
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
BI-485	Current Issues in Biology	3

MA-132	Statistics for Life Sciences ²	3
MA-133	Calculus for the Life Sciences ²	4
CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
BI-	Electives (A minimum of one 4 credit laboratory course, one in organismic biology, and one in evolution/global issues/environmental health field must be taken)	11-12
Select three cognate courses with at least one additional lab:		10
CH-132	General Chem and Qualitative Analysis 2	
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	
CH-251	Organic Chemistry I	
CH-251L	Organic Chemistry I Lab	
CH-252	Organic Chemistry II	
CH-252L	Organic Chemistry II Lab	
PC-185	General Physics I	
PC-187	General Physics Laboratory I	
PC-186	General Physics II	
PC-188	General Physics Laboratory II	
Total Credits		51-52

¹ May count towards the Core Natural Science Requirement.

² May count towards the Core Mathematics Requirement.

Secondary Education Concentration

Twelve of the required credits for the major count towards the Core Curriculum Requirements.

BI-183	General Biology I ¹	3
BI-185	General Biology I Lab	1
BI-184	General Biology II ¹	3
BI-186	General Biology II Lab	1
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
BI-485	Current Issues in Biology (Capstone)	3
MA-132	Statistics for Life Sciences ²	3
MA-133	Calculus for the Life Sciences ²	4
CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
BI-	Electives (A minimum of two 4 credit laboratory courses, and one course in organismic biology.) ³	11
Select three courses with one additional lab:		10
CH-132	General Chem and Qualitative Analysis 2	
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	
PC-185	General Physics I	
PC-187	General Physics Laboratory I	
PC-186	General Physics II	
PC-188	General Physics Laboratory II	
CH-251	Organic Chemistry I	
CH-251L	Organic Chemistry I Lab	

CH-252	Organic Chemistry II	
CH-252L	Organic Chemistry II Lab	
Total Credits		51

- ¹ May count towards the Core Natural Science Requirement.
- ² May count towards the Core Mathematics Requirement.
- ³ Must fulfill the Core Writing Intensive, Pluralism and Values Requirements.

Special Note on Core Curriculum Requirements for all Biology Majors—All Concentrations

While CH-251-CH-252, Organic Chemistry I and II and the associated labs CH-251L and CH-252L, are not required for Biology (Biology Concentration) majors, these courses are strongly recommended since they are required for many post-graduate programs (health careers and/or graduate school).

Requirements for a Minor in Biology

BI-183	General Biology I	3
BI-185	General Biology I Lab	1
BI-184	General Biology II	3
BI-186	General Biology II Lab	1
Select two of the following courses and associated labs:		8
BI-215 & 215L	Principles of Anatomy and Physiology and Principles of Anatomy and Physiology Lab	
BI-240 & 240L	Cell and Molecular Biology and Cell & Molecular Bio Lab	
BI-350 & 350L	Genetics and Genetics Lab	
BI-310 & 310L	Ecology and Ecology Lab	
BI-	Biology Electives	4
Total Credits		20

Articulations with Professional Schools

Saint Peter's University has entered into a series of formal agreements with several Professional Schools to enhance the opportunities of students majoring in the sciences. See the separate listing for Pre-Professional Programs for details.

Core Courses Offered for Non-science Majors

The 100-level courses are offered for non-science majors to satisfy the Core Natural Science Requirements and are not open to majors in Biology or the Natural Sciences. Most include lectures and demonstrations only; some, such as BI-130, may include a laboratory component as well.

BI-122	Nutrition in Health and Disease	3
BI-123	Concepts of Biology	3
BI-124	Human Structure and Function	3
BI-125	Heredity	3
BI-126	The Human Environment	3
BI-130		3
BI-140		3
BI-161	Basic Microbiology	4
BI-171	Anatomy and Physiology I	4
BI-172	Anatomy and Physiology II	4

Biotechnology Program

Dr. Leonard J. Sciorra, *Coordinator*

The Biotechnology Program is housed within the Department of Applied Science and Technology. The Department offers a major in Biotechnology with an emphasis on the biomedical aspects of Biotechnology. Student training is multidisciplinary, with course work in mathematics, biology, chemistry, physics as well as an internship at The Institute of Human and Molecular Genetics at UMDNJ-New Jersey Medical School.

Requirements for Biotechnology Major

Degree of Bachelor of Science

Twelve of the required credits for the major count towards the Core Curriculum Requirements.

BI-183	General Biology I (Core Natural Science)	3
BI-185	General Biology I Lab	1
BI-184	General Biology II (Core Natural Science)	3
BI-186	General Biology II Lab	1
CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-442	Biochemistry I	3
CH-442L	Biochemistry 1 Lab	1
CH-443	Biochemistry II	3
CH-443L	Biochemistry II Lab	1
BC-390	Spec Topics: Biological Chem (Capstone)	3
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
BT-420	Biomedical Applications of DNA Tech	3
BT-429	Special Topics in Biotechnology	3
BT-440	Research in Biotechnology I	2
BT-441	Research in Biotechnology II	2
MA-143	Differential Calculus (Core Math)	4
MA-144	Integral Calculus (Core Math)	4
PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
Total Credits		69

Special Note on the Core Requirements for Biotechnology Majors

¹ The recommended values course is PL-254 Contemporary Issues in Bioethics.

Special Note on Requirements Biotechnology Major Requirements

- ¹ Students are strongly encouraged to take MA-273 Multivariable Calculus I followed by CH-365 Physical Chemistry I.

Department of Chemistry

Dr. Jessica Epstein, *Chairperson*

The Chemistry Department offers an American Chemistry Society approved Chemistry degree, Bachelor of Science (BS), or the Bachelor of Arts (BA) degree. Students can also select a concentration in Forensic Science or Medicinal Chemistry as well as a minor in Chemistry or Medicinal Chemistry.

Chemistry Major (BS)

Degree of Bachelor of Science

CH-131	General Chem and Qualitative Analysis 1 (Core Natural Science)	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2 (Core Natural Science)	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-329	Analytical Chemistry	3
CH-329L	Analytical Chemistry Lab	1
CH-365	Physical Chemistry I	3
CH-365L	Physical Chemistry I Lab	1
CH-366	Physical Chemistry II	3
CH-366L	Physical Chemistry II Lab	1
CH-449	Inorganic Chemistry	3
CH-449L	Inorganic Chemistry Lab	1
CH-460	Instrumental Analysis	3
CH-499	Research in Chemistry (Capstone, WI)	3
MA-143	Differential Calculus (Core Math)	4
MA-144	Integral Calculus (Core Math)	4
MA-273	Multivariable Calculus I	4
PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
Total Credits		58

Chemistry Major with a Concentration in Forensic Science (BS)

CH-131	General Chem and Qualitative Analysis 1 (Core Natural Science)	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2 (Core Natural Science)	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-329	Analytical Chemistry	3
CH-329L	Analytical Chemistry Lab	1
CH-365	Physical Chemistry I	3

CH-365L	Physical Chemistry I Lab	1
CH-366	Physical Chemistry II	3
CH-366L	Physical Chemistry II Lab	1
CH-460	Instrumental Analysis	3
CH-499	Research in Chemistry (Capstone, WI)	3
MA-143	Differential Calculus (Core Math)	4
MA-144	Integral Calculus (Core Math)	4
MA-273	Multivariable Calculus I	4
PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
Additional courses:		
BI-183	General Biology I	3
BI-185	General Biology I Lab	1
CH-361	Criminalistics & Forensic Science	3
CH-442	Biochemistry I	3
CJ-170	Intro to Criminal Justice	3
CJ-405	Crime Investigation	3
Total Credits		70

Special Notes on Requirements for Chemistry Majors

- ¹ CH-361/BI-361 Criminalistics & Forensic Science is required for the concentration in Forensic Science is a cross-listed course, team-taught by members of the Chemistry and Biology Departments.
- ² CH-499 Research in Chemistry is a senior research course. For students with a concentration in Forensic Science, this course would be satisfied by an internship in a forensic science laboratory (preferred) or by research on a forensic science topic.

Chemistry Major (BA)

Degree of Bachelor of Arts

CH-131	General Chem and Qualitative Analysis 1 (Core Natural Science)	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2 (Core Natural Science)	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-329	Analytical Chemistry	3
CH-329L	Analytical Chemistry Lab	1
CH-347	Principles of Physical Chemistry	3.00
CH-442	Biochemistry I	3
CH-442L	Biochemistry 1 Lab	1
CH Elective (choose any 300 or 400 level course) ¹		3
MA-132	Statistics for Life Sciences (Core Math) ²	3
MA-133	Calculus for the Life Sciences (Core Math) ²	4
BI-183	General Biology I	3
BI-185	General Biology I Lab	1

BI-184	General Biology II	3
BI-186	General Biology II Lab	1
PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
Total Credits		53

Special Note on Requirements

- ¹ Choose any 300 or 400 level Chemistry course as an elective. CH-353 Medicinal Chemistry, CH-443 Biochemistry II, CH-449 Inorganic Chemistry, CH-460 Instrumental Analysis or CH-499 Research in Chemistry. (capstone, WI).
- ² Students may substitute MA-143 Differential Calculus and MA-144 Integral Calculus.

Medicinal Chemistry Major

Degree of Bachelor of Science

CH-131	General Chem and Qualitative Analysis 1 (Core Natural Science)	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2 (Core Natural Science)	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-329	Analytical Chemistry	3
CH-329L	Analytical Chemistry Lab	1
CH-347	Principles of Physical Chemistry	3
CH-353	Medicinal Chemistry	3
CH-442	Biochemistry I	3
CH-442L	Biochemistry 1 Lab	1
CH-443	Biochemistry II	3
CH-443L	Biochemistry II Lab	1
CH-449	Inorganic Chemistry	3
CH-449L	Inorganic Chemistry Lab	1
CH-460	Instrumental Analysis	3
CH-499	Research in Chemistry (Capstone, WI)	3
PC-185	General Physics I	3
MA-132	Statistics for Life Sciences	3
MA-133	Calculus for the Life Sciences	4
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
Total Credits		59

Chemistry Minor

CH-131	General Chem and Qualitative Analysis 1 (Core Natural Science)	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2 (Core Natural Science)	3

CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
Choose 3 courses (7 credits) 300 or 400 level chemistry courses 2 lectures and 1 lab		7
Total Credits		23

Medicinal Chemistry Minor (26 Credits)

CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-329	Analytical Chemistry	3
CH-329L	Analytical Chemistry Lab	1
CH-353	Medicinal Chemistry	3
CH-442	Biochemistry I	3
Total Credits		26

Special Note on Requirements

- ¹ Biochemistry and Biotechnology majors who choose to minor in Medicinal Chemistry select an additional 4 credit 300 or 400 level chemistry course not indicated on this list. CH-460 or CH-449 with CH-449L is suggested.

Clinical Laboratory Sciences Collaborative Program

Dr. Katherine Wydner, *Coordinator*

Saint Peter's University and Rutgers University offer a collaborative program leading to the Bachelor of Science in clinical laboratory sciences with a concentration in medical laboratory science. Clinical laboratory science majors complete all pre-professional and general education requirements at Saint Peter's University before beginning the 12 to 15 month (4 semesters) of clinical/professional training at the Rutgers School of Health Professions and affiliated clinical/research facilities.

Requirements for Clinical Laboratory Sciences Major, Concentration in Medical Laboratory Science

Degree of Bachelor of Science

Twelve of the required credits for the major count towards the Core Curriculum Requirements.

Course List

BI-183	General Biology I ¹	3
BI-185	General Biology I Lab	1
BI-184	General Biology II ¹	3
BI-186	General Biology II Lab	1
BI-215	Principles of Anatomy and Physiology	4
BI-215L	Principles of Anatomy and Physiology Lab	0
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BI-450	Microbiology	4
BI-450L	Microbiology Lab	0
BI-464	Immunology	3
or BT-301	Medical Immunology	
CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
MA-132	Statistics for Life Sciences ²	3
MA-133	Calculus for the Life Sciences ²	4
Select one Elective at 200-level or above with one of the following prefixes (BC, BI, CH, PC) or choose a MA Elective above MA-133.		3
Total Credits		45

Special Notes on Core Curriculum Requirements.

- ¹ May count towards the Core Natural Science Requirement.
- ² May count towards the Core Mathematics Requirement.

Special Note on Requirements for the Concentration in Medical Laboratory Science

- ¹ It is strongly recommended to take a Biochemistry lab course and to take BI-325 and BI-326 Advanced Topics in Anatomy and Physiology with lab.

Department of Communication and Media Culture

Ernabel Demillo, *Chairperson*

The Communication and Media Culture Department offers a major in Communication and minors in Communication, Film Studies, Journalism and Public Relations.

Requirements for Communication Major

Degree of Bachelor of Arts

CU-203	Media Communications II	3
CU/JN-205	News Writing and Reporting (WI)	3
CU-202	Intro to Media Studies & Communication	3
Take the following:		
CU-275	Public Speaking Workshop (Oral)	3
CU-255	Ethics in Communication (Values)	3
CU-400	Research Writing (Capstone, WI)	3
Communications Electives (choose 18 credits; see following description)		18
Outside concentration (choose 12 credits; see following description)		12
Total Credits		48

Communications Major Electives

Students are required to take six courses (18 credits) with the CU designation, including cross-listed courses. The following groupings are suggested so that a student may gain expertise in a major area.

Writing and Publishing

CU/JN-208	Broadcast Newsroom	3
CU/JN-210	Writing Workshop	3
CU/JN-304	Principles of Media Law and Ethics	3
CU/JN-310	News Writing II	3
CU/JN-313	The News Lab	3
CU/JN-340	Sportswriting	3
CU/JN-341	Art & Entertainment Journalism	3
CU-352	Conversations With Writers/Metro Seminar	3
CU/JN-355	Video Storytelling	3
CU/JN-385	Digital Storytelling and Social Media	3
CU/JN-410	Investigative Journalism & Advanced Feat	3
CU/JN-419	Magazine Writing	3
CU/JN-420	Social Documentary Filmmaking	3
CU/JN-489	Globalization and Fieldwork Seminar	3

Media Business

CU-102	Media Literacy	3
CU/BA-218	Media Business	3
CU-247	Marketing Communications and Branding	3
CU-260	Radio Station I	3
CU/JN-261	Podcasting	3
CU/GS-285	Gender & Communication (DIV)	3
CU/BA-315	Business and Professional Communication	3
CU/BA-327	Digital and Social Media Marketing	3

Film and Media Culture

CU-190	Introduction to Film	3
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CU-228	Asian Film	3
CU-256	The Horror Film	3
CU-265	Screenwriting	3
CU-266	Advanced Screenwriting	3
CU-270	Broadcast Studies	3
CU-282	Leadership	3
CU-283	The Conspiracy Theory Film	3
CU/EL-293	Today's Film Scene	3
CU-300	Film Theory and Criticism	3
CU-306	The Animated Film	3
CU-307	Art Commerce & Cultural Impact of Disney	3
EL-493	Film Noir: Dark Side of American Film	3

Communication Major Outside Concentration - 12 credits

To serve their individual goals, students must choose outside concentrations from classes in a single department or create a composite area of study from courses in several departments which can include our minors: journalism, public relations and film. Students will work with their department adviser to request an outside concentration. Courses accepted for double majors and minors in other departments can also be used for the outside concentration, but not for core or Communication electives.

Media Internships

The courses CU/JN-295 Credited Internships, JN/CU-495 and JN/CU-496 are internship courses offered in conjunction with the Center for Experiential Learning and Career Services which can provide placement for students at on-and off-campus media sites. Internships receive CU elective credits and are encouraged for all majors. To gain credits, students combine work experience with concurrent academic study.

Special Notes on Major Requirements

- 1 The completion of freshman composition with a minimum score of a C+ is a prerequisite for all courses. Students who score less than a B must take CU/JN-210 Writer's Workshop as one of the Communication electives.
- 2 A student must average 2.5 or better in CU-202 and CU-205 to remain a candidate for the Communication major, and students must also maintain a 2.5 cumulative average in all CU courses in order to graduate with a Communication major.

Requirements for the Minor in Communication

Select one of the following theory courses

CU-202	Intro to Media Studies & Communication	3
or CU-203	Media Communications II	

Select one of the following writing courses: 3

CU-205	News Writing and Reporting	
CU-315	Business and Professional Communication	
CU-400	Research Writing	

Take the following speaking course: 3

CU-275	Public Speaking Workshop	
CU-	Three CU Electives	9

Total Credits 18

Requirements for the Minor in Film Studies

CU-190	Introduction to Film	3
CU/EL-212	History of Film I: Beginnings to 1959	3
CU/EL-213	History of Film II 1960 to Present	3

Complete 4 elective courses:		12
CU-265	Screenwriting	
CU-266	Advanced Screenwriting	
CU-293	Today's Film Scene	
EL-310	Gender and Sexuality in Film	
EL-361	Hitchcock	
AR-383	Animation Production	
EL-423	American Film	
EL-493	Film Noir: Dark Side of American Film	
CU-228	Asian Film	
CU-256	The Horror Film	
CU-282	Leadership	
CU-283	The Conspiracy Theory Film	
CU-300	Film Theory and Criticism	
CU-306	The Animated Film	
CU-307	Art Commerce & Cultural Impact of Disney	
CU-420	Social Documentary Filmmaking	
Total Credits		21

Requirements for the Minor in Journalism

CU/JN-205	News Writing and Reporting ¹	3
CU/JN-304	Principles of Media Law and Ethics	3
CU/JN-310	News Writing II	3
JN-	3 JN Electives	9
Total Credits		18

Special Note on the Minor in Journalism

¹ Since CU-205 is already a required course for students majoring in Communication, those who wish to complete a Communication major and the Journalism minor will be required to take one extra writing and publishing elective.

Requirements for the Minor in Public Relations

CU/JN-205	News Writing and Reporting ¹	3
CU-315	Business and Professional Communication	3
BA-360	Public Relations	3
JN/CU-	3 JN Electives Required (4 if you are a communication major)	9-12
CU-247	Marketing Communications and Branding	
BA-249	Sports & Entertainment Marketing	
BA-327	Digital and Social Media Marketing	
BA-335	Latino Marketing Communication Culture	
BA-355	Video Storytelling	
Total Credits		18-21

Travel and Internships

CU-489. Globalization and Fieldwork Seminar. 3 Credits.

CU/BA-295. Public Relations Internship. 3 Credits.

Undergraduate students enrolled in CMC's Accelerated Master of Arts in Communication and Public Relations can substitute two graduate courses to count as public relations electives.

Department of Criminal Justice

Kari E. Larsen, *Chairperson*

The Criminal Justice Department offers a major in Criminal Justice with concentrations in: Law and Justice, Corrections, Police Administration, Investigative Sciences, Criminal Research & Intelligence Analysis, and Cyber Security & Computer Forensics. A minor in Criminal Justice is also offered.

Degree Requirements for Criminal Justice Major

Degree of Bachelor of Arts

Six of the required credits for the major count towards the Core Curriculum Requirements.

CJ-165	Introduction to Criminology	3
CJ-170	Intro to Criminal Justice	3
SO/CJ-253	Social Deviance	3
CJ-280	Juvenile Delinquency	3
PL-258	Criminal Justice Ethics	3
CJ-285	Criminal Corrections Systems	3
CJ-315	Criminal Procedure	3
CJ-350	Research Techniques & Data Analysis	3
CJ-390	Criminal Law	3
CJ-489	Senior Seminar in Criminal Justice	3
PS-151	Introduction to Psychology (Core STEM)	3
BI-237 or CH-237	Forensic Science (Core Natural Science) Forensic Science	3
Select one of the following		3
AS/UR/SO-412	Ethnicity and Race in Urban History	
SO-200	Ethnic and Racial Relations	
CJ-210	Multiculturalism in Justice	
HS-444	History of American Immigration	
Select one of the following concentrations and take 9 credits in that concentration, except for the Cyber Security and Computer Forensics concentration, take 18 credits		9-18
Total Credits		48-57

Special Note on Major Requirements for Criminal Justice Majors

¹ All Criminal Justice majors are required to maintain a 2.25 average in major core and concentration courses.

Law and Justice Concentration

CJ-316	Criminal Evidence	3
Select two of the following:		6
CJ-290	Comparative Justice Systems	
CJ-486 or CJ-487	Internship I Internship II	
CJ-222	Family Law	
CJ-250	Victimology	
CJ-333	Gender Crime and Justice	
CJ-406	Homicide: Investigation & Prosecution	
CJ-485	Child Protection Agencies and the Law	
PO-477	International Law	

PO-417	Constitutional Law & Civil Liberties	
Total Credits		9

Corrections Concentration

CJ-395	Probation and Parole	3.00
Select two of the following:		6
CJ-290	Comparative Justice Systems	
CJ-299	Leadership for Criminal Justice	
CJ-420	Drugs Society & Human Behavior	
CJ-486	Internship I	
or CJ-487	Internship II	
PS-250	Personality	
PS-260	Abnormal Psychology	
UR-328	Social Work in Urban Systems	
Total Credits		9

Police Administration Concentration

CJ-175	Intro to Law Enforcement	3
Select two of the following:		6
CJ-177	Police Culture	
CJ-230	Homeland Security & Terrorism	
CJ-240	Gangs and Organized Crime	
CJ-299	Leadership for Criminal Justice	
CJ-359	Corruption	
CJ-396	Community Policing	
PA-501	Intro to Public Administration & Service	
CJ-435	Police Patrol	
CJ-486	Internship I	
or CJ-487	Internship II	
Total Credits		9

Investigative Sciences and Profiling Concentration

CJ-237	Forensic Science	3
Select three of the following:		9
CJ-275	Violence	
CJ-357	Infamous Crimes and Criminals	
CJ-375	Sex Crimes	
CJ-405	Crime Investigation	
CJ-406	Homicide: Investigation & Prosecution	
CJ-418	Intro to Forensics Techniques	
CJ-486	Internship I	
or CJ-487	Internship II	
PS-260	Abnormal Psychology	
PS-435	Forensic Psychology	
Total Credits		12

Criminal Research & Intelligence Analysis Concentration

Students are also strongly encouraged to pursue a minor in Accountancy, Modern Languages, or Mathematics as well.

AC-151	Principles of Accounting I	3
CJ-230	Homeland Security & Terrorism	3
Select one of the following:		3
CJ-240	Gangs and Organized Crime	
CJ-358	White Collar Crime	
CJ-418	Intro to Forensics Techniques	
CJ-245	Introduction to Human Trafficking	
CJ-486	Internship I	
or CJ-487	Internship II	
CS-495	Cryptology	
Total Credits		9

Cyber Security and Computer Forensics Concentration

CS-180	Introduction to Programming	3
CS-260	Information Technology Ethics	3
CS-489	Network Technology Protocols & Defense	3
CS-496	Cybersecurity and Digital Forensics Lab	3
IS-381	Cyber Security Planning and Risk Mgmt	3
CS-495	Cryptology	3
Total Credits		18

Requirements for a Minor in Criminal Justice

CJ-165	Introduction to Criminology	3
CJ-170	Intro to Criminal Justice	3
CJ-285	Criminal Corrections Systems	3
CJ-315	Criminal Procedure	3
CJ-390	Criminal Law	3
1 CJ Elective		3
Total Credits		18

Special Notes on Requirements for Criminal Justice Minors

¹ All Criminal Justice minors are required to maintain a 2.0 average in minor courses.

Department of English

Scott Stoddart, Ph.D., *Chairperson*

The Department of English offers a major in English Literature and minors in English, Theatre and Creative Writing and Publishing.

Requirements for English Literature Major

Degree of Bachelor of Arts

Six of the required credits for the major count towards the Core Curriculum Requirements.

Choose two of the following courses ¹	6
EL-201 English Literature I	
EL-202 English Literature II	
EL-203 American Literature I	
EL-204 American Literature II	
EL-205 Survey of World Literature	
Choose two EL Electives at the 200-level (including other surveys)	6
Choose five EL Electives at the 300 or 400-level	15
EL-306 Textual Analysis: Theory and Practice	3
EL-450 Capstone Seminar	3
Total Credits	33

¹ May count towards the Core Literature Requirement.

Special Notes on English Literature Major Requirements

- ¹ Majors are required to take one course in pre-1800 literature beyond the survey courses at the 300 or 400-level.
- ² A student should have a 2.5 average in the core courses to be accepted as an English major. Majors must maintain a 2.5 average in department courses. Students may petition to waive these requirements under special circumstances.

Requirements for a Minor in English

Choose two of the following courses	6
EL-201 English Literature I	
EL-202 English Literature II	
EL-203 American Literature I	
EL-204 American Literature II	
EL-205 Survey of World Literature	
Select four English Electives	12
Total Credits	18

Requirements for a Minor in Theatre

EL-207 Drama	3
15 credits from English, Arts or Communication	15
Total Credits	18

Requirements for a Minor in Creative Writing and Publishing

6 credits of Literature	6
12 credits of Creative Writing & Internship	12
<hr/>	
Total Credits	18

Environmental Studies Program

Dr. Brandy Garrett Kluthe, *Director*

The Environmental Studies program at Saint Peter's is aimed at providing students with the educational background and leadership skills necessary to effectively address the issues involved in the scientific, social, economic, political, cultural and technological context of environmental sustainability. Learn to distinguish between scientific and emotional arguments. Integrate theory and practice through field and internship experiences. And learn how to apply ideas and methods from the natural and social sciences, business and humanities to the study of environmental issues. Based on a solid science foundation, the environmental studies program offers you a choice of concentrations: environmental science; politics, policy and society; business sustainability.

Requirements for Environmental Studies Major

Degree of Bachelor of Arts

Environmental Studies Major Requirements		21
EV-100	Introduction to Environmental Studies	3
EV-327	Environmental Politics and Policies	3
or PO-155	Politics of Climate Disruption	
EV-125	Environmental Chemistry I	4
or CH-131 & 131L	General Chem and Qualitative Analysis 1 and Gen Chem and Qualitative Analysis 1 Lab	
SO/AT-384	Cultural Anthropology	3
BI-312	Biology of Global Change	3
Choose one (more can be taken to count toward elective requirements)		3
BL-333	Environmental Law	3
EV-200	Economics of Environmental Decisions	3
HS-476	History of the Environment	3
PL-241	Environmental and Climate Change Ethics	3
EV-295	Credited Internships (Pluralism) ²	3
BI-312	Biology of Global Change	3
EV-400	Sustainability: Plan for a Better Future	3
Environmental Studies Major Cognates		18
BI-183 & BI-185	General Biology I and General Biology I Lab (Core Natural Science)	4
BI-184 & BI-186	General Biology II and General Biology II Lab (Core Natural Science)	4
UR-151	The Contemporary City (Core Social Science)	3
MA-132	Statistics for Life Sciences (Core Math)	3
MA-133	Calculus for the Life Sciences (Core Math)	4
Major Electives		15

Choose any combination of courses from the elective course list to total 15 credits. For Concentrations in Environmental Science, Public Policy and Planning, or Business Sustainability choose electives from the specific concentration course list

General Concentration Elective Courses

Choose courses from the list below to total a minimum of 15 credits - Note that some courses may have a prerequisite requirement.

AR/EV-253	Environmental Art & Issues	3
BI-313	Human Evolution Ecology and Adaptation	3
BA-231	Business Sustainability	3
BA-240	Organizational Behavior	3

BA-248	Intl Bus and the Global Marketplace	3
BA-250	Consumer Behavior	3
BA-322	Corp Situational Analysis & Problem Solv	3
BA-325	Ethics: Business and Economic Community	3
BA-363	Entrepreneurship: Creativity/Innovation	3
BI/EV-122	Nutrition in Health and Disease	3
BI-126	The Human Environment	3
BI/EV-310	Ecology (WI)	4
BI-311	Field Studies in Biology	3
BI-330	Environmental Health	3
BI-485	Current Issues in Biology	3
BI-499	Natural Ecosystems of New Jersey	3
BL-333	Environmental Law	3
CH-132 & 132L	General Chem and Qualitative Analysis 2 and Gen Chem and Qualitative Analysis 2 Lab	4
EV-102	Intro to Climate Change	3
EV-126	Environmental Chemistry II	4
EV-200	Economics of Environmental Decisions	3
EV-251	Geographic Information System	3
EV-327	Environmental Politics and Policies	3
EV-489	Globalization and Fieldwork Seminar	3
HS-124	History of Ancient Science	3
HS-476	History of the Environment	3
NS-320	Ethics&Responsibility in STEM Disciplin	3
PL-241	Environmental and Climate Change Ethics	3
PO-137	Nonviolence Community Org. Social Move	3
PO-250	Intro to Social Justice	3
PO-276	Comparative Social Movements	3
PO-319	Politics and Pandemics	3
PO-337	Non-Western Perspective to Int Relations	3
PO-486	Seminar: Genocide	3
TH-304	Ecological Ethics-Religious Environment	3

Requirements for Environmental Studies Minor

EV-100	Introduction to Environmental Studies (Core Natural Science) ¹	3
EV-102	Intro to Climate Change (Core Natural Science) ¹	3
Or		
BI-312	Biology of Global Change (Pluralism) ²	
Choose one (more can be taken to count toward elective requirements)		3
AT-384	Cultural Anthropology (Writing intensive, Pluralisms, Values) ²	3
BL-333	Environmental Law	3
EV-200	Economics of Environmental Decisions	3
EV-327	Environmental Politics and Policies	3
HS-476	History of the Environment	3
PL-241	Environmental and Climate Change Ethics (Values) ²	3
PO-155	Politics of Climate Disruption	3
EV-295	Credited Internships	3
Minor Electives		9

Choose any combination of courses from the elective course list to total 9 credits. Note that some courses may have a prerequisite requirement.

- ¹ Fulfills Core Requirement
² Fulfills Distributive Requirement

Minor Electives Courses

Choose courses from the list below to total a minimum of 9 credits - Note that some courses may have prerequisite requirement.

AR/EV-253	Environmental Art & Issues	3
AT/SO-313	Human Evolution Ecology and Adaptation	3
AT-384	Cultural Anthropology	3
BA-231	Business Sustainability	3
BA-240	Organizational Behavior	3
BA-248	Intl Bus and the Global Marketplace	3
BA-250	Consumer Behavior	3
BA-322	Corp Situational Analysis & Problem Solv	3
BA-325	Ethics: Business and Economic Community	3
BA-363	Entrepreneurship: Creativity/Innovation	3
BI/EV-122	Nutrition in Health and Disease	3
BI-126	The Human Environment	3
BI-183 & BI-185	General Biology I and General Biology I Lab	4
BI/EV-310	Ecology (Writing Intensive)	4
BI-311	Field Studies in Biology	3
BI-312	Biology of Global Change	3
BI-330	Environmental Health	3
BI-485	Current Issues in Biology	3
BI-499	Natural Ecosystems of New Jersey	3
BL-333	Environmental Law	3
CH-131 & 131L	General Chem and Qualitative Analysis 1 and Gen Chem and Qualitative Analysis 1 Lab	4
CH-132 & 132L	General Chem and Qualitative Analysis 2 and Gen Chem and Qualitative Analysis 2 Lab	4
EV-102	Intro to Climate Change	3
EV-125	Environmental Chemistry I	4
EV-126	Environmental Chemistry II	4
EV-200	Economics of Environmental Decisions	3
EV-251	Geographic Information System	3
EV-295	Credited Internships	3
EV-327	Environmental Politics and Policies	3
EV-400	Sustainability: Plan for a Better Future	3
EV-489	Globalization and Fieldwork Seminar	3
HS-124	History of Ancient Science	3
HS-476	History of the Environment	3
NS-320	Ethics&Responsibility in STEM Disciplin	3
PL-241	Environmental and Climate Change Ethics	3
PO-137	Nonviolence Community Org. Social Move	3
PO-155	Politics of Climate Disruption	3

PO-250	Intro to Social Justice	3
PO-276	Comparative Social Movements	3
PO-319	Politics and Pandemics	3
PO-337	Non-Western Perspective to Int Relations	3
PO-486	Seminar: Genocide	3
TH-304	Ecological Ethics-Religious Environment	3
UR-151	The Contemporary City	3

Department of Arts

Dr. Jon D. Boshart, *Chairperson*

The Department of Arts offers four majors: Art History, Fine Arts, Graphic Arts and Visual Arts and five minors: Graphic Arts, Music, Theatre Arts, Visual Arts, and Art History. Students in all four majors must maintain a 2.5 average in major courses.

Requirements for Art History Major

Degree of Bachelor of Arts

Three of the required credits for the major count towards the Core Curriculum Requirements.

AR-127	Intro to the Visual Arts ¹	3
AR-211	Renaissance Art I	3
AR-212	Renaissance Art II (Capstone)	3
AR-215	Medieval Art (Capstone)	3
AR-229	Baroque Art	3
AR-231		3
AR-240	Cultural Diversity in Art	3
AR-384	Art and Buddhism	3
or AR-386		
AR-340	The Visual Arts in America	3
AR-	Fine Arts Electives	12
Total Credits		39

¹ May count towards the Core Fine Arts Requirement.

Requirements for Fine Arts Major

Degree of Bachelor of Arts

Three of the required credits for the major count towards the Core Curriculum Requirements.

AR-127	Intro to the Visual Arts ¹	3
AR-128	Intro to Music	3
Art History Electives		6
Visual Arts Workshop-Studio Electives		9
Music Electives		9
Fine Arts Electives		6
Choose one of the following as a Capstone ²		3
AR-212	Renaissance Art II	
AR-215	Medieval Art	
Total Credits		39

¹ May count towards the Core Fine Arts Requirement.

² Double majors (Fine Arts and Education) may count student teaching as a capstone with the permission of the Fine Arts Department.

Requirements for Graphic Arts Major

Degree of Bachelor of Arts

Three of the required credits for the major count towards the Core Curriculum Requirements.

AR-159	2-D Design/Color Theory	3
AR-160	Drawing & Composition Workshop	3
or AR-171	Live Model Figure Drawing Wksp	
AR/CU-214	Art Advertising and Design	3
AR-220	Introduction to Computer Art	3
AR-224	Digital Imaging With Photoshop	3
AR-232	Art and Desktop Publishing	3
AR-339	The Pavan Graphic Publishing	3
AR-350	Typography	3
AR-366	Digital Design Tools	3
AR-368	Graphic Design	3
AR-381	Art of Web Design	3
AR-391	User Experience	3
AR-430	Sr Thesis Project/Portfolio Presentation (Capstone)	3
Graphic Arts Electives		12
Fine Arts Electives		9
Total Credits		60

Requirements for Graphic Arts Major with a concentration in Photography Degree of Bachelor of Arts

Three of the required credits for the major count towards the Core Curriculum Requirements.

AR-220	Introduction to Computer Art	3
AR-157	Introduction to Photography I	3
AR-158	Introduction to Photography II	3
AR/CU-214	Art Advertising and Design	3
AR-224	Digital Imaging With Photoshop	3
AR-232	Art and Desktop Publishing	3
AR-337	Advanced Photography	3
AR-375	Camera Raw	3
AR-376	Digital Photography	3
AR-430	Sr Thesis Project/Portfolio Presentation (Capstone)	3
Graphic Arts Electives		21
Fine Arts Electives		9
Total Credits		60

Requirements for Visual Arts Major Degree of Bachelor of Arts

Three of the required credits for the major count towards the Core Curriculum Requirements.

AR-127	Intro to the Visual Arts ¹	3
Visual Arts Workshop-Studio Electives		21
Art History Upper-level (AR-200 or higher) Electives		6
Two Fine Arts Electives		6
Choose one of the following as a Capstone		3
AR-212	Renaissance Art II	
AR-215	Medieval Art	
Total Credits		39

¹ May count towards the Core Fine Arts Requirement.

Requirements for Graphic Arts Minor

AR/CU-214	Art Advertising and Design	3
AR-220	Introduction to Computer Art	3
Graphic Arts Electives Approved by Advisor		12
Total Credits		18

Requirements for Music Minor

AR-128	Intro to Music	3
Music Electives		15
Total Credits		18

Requirements for Theater Arts Minor

AR-175	Fundamentals of Acting I	3
AR-176		3
AR/EL-420		3
AR-265	Group Singing I	3
AR-266	Group Singing II	3
Theater Arts Elective		3
Total Credits		18

Requirements for Visual Arts Minor

AR-160	Drawing & Composition Workshop	3
AR-171	Live Model Figure Drawing Wksp	3
AR-166	Sculpture Workshop	3
Visual Arts Workshop-Studio Electives		9
Total Credits		18

Requirements for Art History Minor

Art History Electives		6
AR-211	Renaissance Art I	3
AR-212	Renaissance Art II	3
AR-215	Medieval Art	3
AR-229	Baroque Art	3
Total Credits		18

Gender and Sexuality Program

Dr. Devin A. Heyward, *Director*

The Gender and Sexuality Program is an interdisciplinary cross/cultural program and offers a minor and focused courses. It provides interested students with an in-depth knowledge of the social construction of gender, the significance of gender in structuring human social life and women's contributions to history and culture. The program emphasizes the link between the personal and the political and using knowledge to create community based agendas for social change to eliminate gender based inequality.

Requirements for Minor in Gender and Sexuality

GS/SO-140	Introduction to Women's Studies	3.00
Choose one of the following		3
GS-310	Feminist Political Theory	
GS-340	Feminist Philosophy	
Select four of the following, no more than two with the same prefix:		12
CU/GS-285	Gender & Communication	
ED-428	Literature of East and West Africa	
CJ-333	Gender Crime and Justice	
SO-345	Sociology of Intimacy	
UR/SO-370	Urban Anthropology	
UR/AT-309	Women in Changing Urban World	
AT/SO-384	Cultural Anthropology	
HS-419	Secret Lives of Ancient Women	
EL-310	Gender and Sexuality in Film	
PL-340		
PO-310	Feminist Political Theory	
PS-170		
SO/GS-136	Intro Lesbian Gay Bisexual Transgendered	
SO-224		
SO-227		
SO-256	Sociology of Sports	
SO-273	Global Feminisms	
SO-326		
SO-345	Sociology of Intimacy	
SO-368	Health & Inequalities:RaceClassGender	
PL-311	Philosophy and Bob Dylan	
CJ/SO-253	Social Deviance	
HS-453		
PS-455	Bio Foundations : Human Sexuality	
PO-498	Political Poetry & Music	
UR-460		
Total Credits		18

Health Information Management Collaborative Program

Dr. Christina Mortellaro, *Advisor*

The Health Information Management Program prepares graduates to take a leading role in the management of patient information collected and maintained in electronic and manual processes. Roles in HIM are expansive and include management, medical coding, data analysis and computerized system development and maintenance (www.hicareers.com (<http://www.hicareers.com/>)). Students who successfully complete the four-year program are granted a Bachelor of Science Degree in Health Information Management jointly by Rutgers University and Saint Peter's University. The Program involves eight traditional semesters in total: four semesters of coursework offered at Saint Peter's, and four semesters plus one summer session offered at Rutgers University during the professional phase of the program.

During their first two years, students take 60 credits, including the core requirements and required ancillary courses, at Saint Peter's University. This course of study is followed by the professional phase of the program in which students take 61 credits at Rutgers. By May 1 of their sophomore year at Saint Peter's University, students must apply to the School of Health Related Professions at Rutgers. To be accepted, students must be recommended by the Advisor of the Health Information Management Program, have completed all of the specified credits, have an overall GPA of 2.75 or greater, and satisfy all other admissions requirements of Rutgers. After acceptance at the School of Health Related Professions, which is decided solely by Rutgers, students begin their coursework at Rutgers during the summer after their sophomore year at Saint Peter's. Requirements for the joint degree may change at the discretion of Rutgers University. For more information, please visit <https://shp.rutgers.edu/health-informatics/bachelor-of-science-health-information-management/>

Requirements for a Joint Health Information Management Major

Joint Degree of Bachelor of Science

Fifteen of the required credits for the major count towards the Core Curriculum Requirements.

MA-132	Statistics for Life Sciences ¹	3
MA-133	Calculus for the Life Sciences ¹	4
BI-171	Anatomy and Physiology I ²	4
BI-171L	Anatomy and Physiology I Lab	0
BI-172	Anatomy and Physiology II ²	4
BI-172L	Anatomy and Physiology II Lab	0
AC-151	Principles of Accounting I	3
Free Elective*		3
Core Curriculum Requirements *		42
Credits to be transferred in from Rutgers University HIM program.		61
Total Credits		124

¹ May count towards the Core Mathematics Requirement.

² May count towards the Core Natural Science Requirement.

* Free Elective must fulfill the distributive requirements for Values, Pluralism, and Writing Intensive.

Special Notes on Major Requirements

¹ Students should consult the Program Advisor before beginning the program in order to take the courses in the correct sequence so that the program is finished on time.

² To finish the component of the program at Saint Peter's in 2 years, students will need to take summer courses and/or take more than 15 credits for several semesters.

³ The credits transferred in from Rutgers University must be for courses for the major specified by Rutgers.

⁴ Saint Peter's University Values and Capstone Core Requirement to be fulfilled in Rutgers University's professional phase of program.

Health Sciences Program

Dr. Christina Mortellaro, *Advisor*

The Health Sciences major offers two tracks. General Studies in Health Sciences and Radiography. Both tracks include a combined 90 credits of the core curriculum and major requirements, with an additional 30 credits specific to the selected track.

Providing an interdisciplinary education, the liberal arts are infused into the program's curriculum with a specific focus on health science, with 18 of the 57 credits of major requirements applied to the core curriculum.

The curriculum was carefully designed to align with the National Consortium of Health Science Education (NCHSE) standards that "represent core expectations transferable to many health professions."

BI-171	Anatomy and Physiology I ¹	4
BI-171L	Anatomy and Physiology I Lab ¹	0
BI-172	Anatomy and Physiology II ¹	4
BI-172L	Anatomy and Physiology II Lab ¹	0
HL-180	Foundations of Health Science	3
SO-121	Introduction to Sociology ²	3
EC-101	Macroeconomic Principles ²	3
MA-132	Statistics for Life Sciences ³	3
MA-210	Mathematics for the Health Sciences ³	3
TH-204	Healthcare in the Christian Tradition ⁴	3
PS-151	Introduction to Psychology	3
LW-156	Legal Aspects of Health Care	3
BI-220	Concepts of Human Health & Disease	3
HM-210	Health Care Issues and Organization	3
PL-254 or PL-256	Contemporary Issues in Bioethics ⁵ Food Ethics and Justice	3
BI-271	Concepts of Public Health	3
BI-303	Medical Terminology	3
SO-368	Health & Inequalities:RaceClassGender (Pluralism)	3
HL-320	Healthcare Leadership & Communication	3
HL-485	Curr. Iss. & Trends: Interprof Hlth. Sci (Capstone, WI)	4
Specialization/Track (General Studies or Radiography)		30
Total Credits		87

¹ May count towards the Core Natural Science Requirement.

² May count towards the Core Social Science Requirement.

³ May count towards the Core Mathematics Requirement.

⁴ May count towards the second Core Theology Requirement.

⁵ May count towards the Values Requirement.

General Studies in Health Sciences Track

The General Studies track also covers specific competencies that would be required for students to qualify to take the National Health Science Certificate (NHSC) examination administered by the Consortium.

Select two of the following courses from Biology		6
BI-330	Environmental Health	
BI-394	Epidemiology	
BI-469	Human Nutrition	

Select two of the following courses from Psychology (one from each Group). The same course cannot count for both Groups. 6

Group A:

PS-230	Childhood and Adolescence
PS-240	Adulthood and Aging

Group B:

PS-230	Childhood and Adolescence
PS-240	Adulthood and Aging
PS-250	Personality
PS-260	Abnormal Psychology
PS-340	Physiological Psychology
PS-455	Bio Foundations : Human Sexuality

Select two of the following courses from Health & Physical Education 6

HE-150	Physiology of Exercise and Healthy Aging
HE-200	Compl Thrpy Health Wellness Cognition
HE-486	Current Issues in Health Education
PE-255	Fitness and Wellness

Required course

HL-495	Internship: Community Health	3
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Free Electives 9

Total Credits 30

Radiography Track

Students in this track are admitted to Saint Peter's University into the Health Sciences, Radiography Track. Students apply for Conditional Admit Status to Englewood Hospital School of Radiography at the start of their third year at Saint Peter's, and the granting of Conditional Admit Status is at the sole discretion of Englewood Hospital School of Radiography.

Students must meet the admission requirements of the School of Radiography, be recommended by the Program Director, and successfully complete an interview at Englewood Hospital School of Radiography. Once students with Conditional Admit Status successfully complete the required spring semester courses of their third year, they may apply for Admit Status through the Admissions Office of Englewood Hospital School of Radiography. Students must satisfy all of the admission requirements of the School of Radiography, including volunteer service and the required level of performance on an entrance examination, TEAS V. The granting of admission is at the sole discretion of each individual School of Radiography.

Department of History

Dr. David Gerlach, *Chairperson*

The Department of History offers a major and minor in History.

Bachelor of Arts History Major

Degree Requirements

Six of the required credits for the major count towards the Core Curriculum Requirements.

One Core 100 Level Course (Pre-Modern, Western History) ¹	3
One Core 200 Level Course (Modern, Global History) ¹	3
HS-341 American Main Currents I	3
HS-342 Main Currents in American History II	3
HS-399 Platt Seminar	3
Take one course from each of the following:	
HS-300-319, 400-419 Group A: Pre-Modern World History Elective	3
HS-320-339, 420-439 Group B: Modern European History Elective	3
HS-340-369, 440-469 Group C: United States History Elective	3
HS-370-389, 470-489 Group D: Modern Non-Western or Thematic History Elective	3
HS- History Electives (any A-D group)	6
HS-499 The Tuleja Seminar ²	3
Total Credits	36

¹ May count towards the Core History Requirement.

² May count towards the Writing Intensive Requirement.

Special Notes on Major Requirements

¹ History majors must maintain an average of 2.5 in major courses.

² Students must take HS-499 The Tuleja Seminar during their last year of study.

³ The Tuleja Seminar may count as a Group A, B, C, or D elective. In that case, students must take another HS-elective to meet the required number of credits in the major.

Minor in History

Degree Requirements

One Core 100 Level Course (Pre-Modern, Western History) ¹	3
One Core 200 Level Course (Modern, Global History) ¹	3
HS-399 Platt Seminar	3
HS- History Electives (any A-D group)	9
Total Credits	18

¹ May count towards the Core History Requirement

Latin American and Latino Studies Program

Dr. Jennifer Ayala, *Program Director*

The Latin American and Latino Studies Program offers a major and a minor that give students a broad understanding of Latin-America, the Caribbean, and Latine communities in the United States. The curriculum includes courses from a range of areas including Business, Economics, Fine Arts, History, Modern Languages, Political Science, Sociology, Urban Studies and Social Justice.

Requirements for Latin American Studies Major

Degree of Bachelor of Arts

LS-101	Intro Latin Amer & Latino Stud (PL)	3
SP-	Any 2 Spanish courses	6
LS-	6 LS electives, with no more than 3 from the same discipline	18
LS-	One 400-level Sociology course ¹	3
Total Credits		30

Special Note on Requirements

¹ Any 400-level Sociology, Urban Studies, or Anthropology course in which the student completes a research paper that can be to the related Latin American and Latino Studies curriculum. The student will consult with the LS Program Director when choosing this course.

Requirements for Minor in Latin American and Latino Studies

LS-101	Intro Latin Amer & Latino Stud (PL)	3
LS-	5 LS electives, with no more than 3 from the same discipline	15
Total Credits		18

Department of Mathematics and Statistics

Dr. Dawn Nelson, *Chairperson*

The Department of Mathematics and Statistics offers three majors and two minors. Students must maintain an average GPA of at least 2.0 in all courses counted towards the B.S. degree or an average GPA of at least 2.5 in all courses counted towards the B.A. degree.

Requirements for Mathematics Major

Degree of Bachelor of Science

Three to four of the required credits for the major count towards the Core Curriculum Requirements.

Take one of the following sequences ¹	8
MA-123 & MA-124 & MA-125	Elementary Calculus I and Elementary Calculus II and Intermediate Calculus
Or	
MA-143 & MA-144	Differential Calculus and Integral Calculus
MA-247	Introductory Linear Algebra 3
MA-248	Math Tech Lab 1
MA-250	Transition to Advanced Mathematics 3
MA-273	Multivariable Calculus I 4
MA-274	Multivariable Calculus II 4
MA-441	Modern Algebra 3
MA	Capstone Experience ² 0
Take one of the following courses	3-4
MA-377	Ordinary Differential Equation
MA-379	Differential Equations for Engineers
Take one of the following courses	3
MA-222	Intermediate Statistics
MA-335	Probability Theory
MA-336	Mathematical Statistics
MA-337	Statistical Computing With R
MA-338	Regression Analysis
MA-389	Topics in Statistics
MA	One Mathematics or Statistics Elective (MA-212 or higher) ³ 3
MA	Four Mathematics or Statistics Electives (MA-316 or higher) 12
Total Credits	47-48

Special Notes on Course Requirements

- ¹ Ordinarily a student may not receive credit for more than one of the 100 level calculus sequences. MA-133 may substitute for MA-123 or MA-143.
- ² To be satisfied in an upper division MA course during the student's senior year.
- ³ A cognate course may be substituted with permission.

Special Notes on Core Curriculum Requirements

- ¹ The Core Curriculum Requirement 3.1 for the B.S. in Mathematics degree is as follows:
 - (A) Natural Science: One course in Biology, Chemistry, or Physics.
 - (B) STEM: One course in computer programming, namely CS-180 or higher.

- ² Mathematics majors are encouraged to take EC-101 Macroeconomic Principles to satisfy their Core Curriculum Requirement 2.1

Special Note on Major Requirements

- ¹ The Chairperson of the Mathematics Department may reduce the 12 credit requirement in the Mathematics electives to 6 credits for the B.S. degree if the student has, in consultation with a departmental advisor, combined this Mathematics major with a specified program of courses in a related field. Such programs include, but are not limited to, major or minor programs in another department and the certification program in secondary education.

Requirements for Mathematics Major

Degree of Bachelor of Arts, Concentration:

Elementary Education

Three of the required credits for the major count towards the Core Curriculum Requirements.

MA-250	Transition to Advanced Mathematics	3
MA-400	History of Mathematics	3
Capstone Experience ¹		0
Take three courses in Essential Mathematics and Statistics		9
Group 1: Essential Mathematics (choose one)		
MA-101	Precalculus	
MA-107	Topics in Contemporary Mathematics	
MA-218	Quantitative Methods for Business	
Group 2: Essential Statistics (choose two, one course must be numbered MA-132 or higher)		
MA-103	Probability & Statistics for Liberal Art ²	
MA-106	Introduction to Probability & Statistics ²	
MA-132	Statistics for Life Sciences ³	
MA-212	Elementary Statistics ³	
MA-222	Intermediate Statistics	
MA-304	Stats Prob & Discrete Math Middle Schoo	
MA-336	Mathematical Statistics	
MA-337	Statistical Computing With R	
Take two courses in Calculus ⁴		6-8
MA-123 & MA-124	Elementary Calculus I and Elementary Calculus II	
or		
MA-143 & MA-144	Differential Calculus and Integral Calculus	
MA-273 & MA-274	Multivariable Calculus I and Multivariable Calculus II	
MA-375	Advanced Calculus	
MA-377 or MA-379	Ordinary Differential Equation Differential Equations for Engineers	
Take one course in Algebra		3
MA-247	Introductory Linear Algebra	
MA-302	Elem Math Functions for Mid Sc	
MA-441	Modern Algebra	
Take one course in Geometry		3
MA-306	Geometry for Middle School	
MA-350	College Geometry	

MA	Take one Mathematics or Statistics Elective (numbered 212 or higher)	3
MA	Take one Mathematics or Statistics Elective (numbered 300 or higher)	3
Total Credits		33-35

- ¹ To be satisfied in an upper division MA course during the student's senior year.
- ² A student may not receive credit for both MA-103 and MA-106.
- ³ A student may not receive credit for both MA-132 and MA-212.
- ⁴ Ordinarily a student may not receive credit for more than one of the 100 level calculus sequences. MA-133 may substitute for MA-123 or MA-143.

Special Notes on Core Curriculum Requirements

- ¹ The Core Curriculum Requirement 3.1 for the B.A. degree, Concentration in Elementary Education, is as follows:
 - (A) Natural Science: Students are encouraged to take BI-122, BI-124 or a comparable course in Biology
 - (B) STEM: Students are encouraged to take one course in computer programming, namely CS-180 or higher.
- ² Mathematics majors are encouraged to take EC-101 to satisfy their Core Curriculum Requirement 2.1.

Special Note on Major Requirements

- ¹ At least four courses must be at the 300-Level or above.

Requirements for Mathematics Major

Degree of Bachelor of Arts, Concentration:

Secondary Education

Three to four of the required credits for the major count towards the Core Curriculum Requirements.

MA-247	Introductory Linear Algebra	3
MA-248	Math Tech Lab	1
MA-250	Transition to Advanced Mathematics	3
MA-350	College Geometry	3
MA-400	History of Mathematics	3
MA-441	Modern Algebra	3

	Capstone Experience ¹	
Take at least fourteen credits in Calculus ²		14-16

MA-123 & MA-124 & MA-125	Elementary Calculus I and Elementary Calculus II and Intermediate Calculus	
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or

MA-143 & MA-144	Differential Calculus and Integral Calculus	
MA-273 & MA-274	Multivariable Calculus I and Multivariable Calculus II	
MA-375	Advanced Calculus	
MA-377 or MA-379	Ordinary Differential Equation Differential Equations for Engineers	

Take one course in Statistics, Probability or Discrete Mathematics		3
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MA-132	Statistics for Life Sciences ³	
MA-212	Elementary Statistics ³	
MA-222	Intermediate Statistics	
MA-316	Intermediate Discrete Mathematics	

MA-335	Probability Theory	
MA-336	Mathematical Statistics	
MA-337	Statistical Computing With R	
MA-338	Regression Analysis	
MA-389	Topics in Statistics	
MA	Take one Mathematics or Statistics Elective (numbered 316 or higher)	
Total Credits		33-35

- To be satisfied in an upper division MA course during the student's senior year.
- Ordinarily a student may not receive credit for more than one of the 100 level calculus sequences. MA-133 may substitute for MA-123 or MA-143. Students with placement above MA-144 should expect to complete MA-375, MA-377 or MA-379 as the third course and a mathematics elective numbered 212 or higher as the fourth course.
- A student may not receive credit for both MA-132 and MA-212.

Special Notes on Core Curriculum Requirements

- The Core Curriculum Requirement 3.1 for the B.A. degree, Concentration in Secondary Education, is as follows:
 - Natural Science: Students are encouraged to take BI-122, BI-124 or a comparable course in Biology
 - STEM: One course in computer programming, namely CS-180 or higher.
- Mathematics majors are encouraged to take EC-101 to satisfy their Core Curriculum Requirement 2.1

Special Note on Multiple BA Concentrations

If a student wishes to earn concentrations in both Elementary Education and Secondary Education, the student must complete an additional 12 credits of courses numbered 212 or above.

Requirements for a Minor in Mathematics

Select one of the following calculus sequences: 6-8

MA-123 & MA-124	Elementary Calculus I and Elementary Calculus II	
MA-132 & MA-133	Statistics for Life Sciences and Calculus for the Life Sciences	
MA-143 & MA-144	Differential Calculus and Integral Calculus	
MA-273 & MA-274	Multivariable Calculus I and Multivariable Calculus II	

Select 4 MA-courses, numbered 212 or above 12+

Total Credits 18-20+

Special Notes on Minor Requirements

- Students wishing to minor in mathematics should meet with the department Chairperson to choose appropriate electives to match or complement their major.
- A student must maintain an average of at least 2.0 in the courses presented for the mathematics minor.
- Ordinarily a student may not receive credit for more than one of the 100 level calculus sequences. MA-133 may substitute for MA-123 or MA-143.

Requirements for a Minor in Statistics

Select one of the following courses 3

MA-132	Statistics for Life Sciences	
MA-212	Elementary Statistics	

Select five of the following options 15

MA-222	Intermediate Statistics
MA-335	Probability Theory
MA-336	Mathematical Statistics
MA-337	Statistical Computing With R
MA-338	Regression Analysis
MA-389	Topics in Statistics ¹
At most one from the following group	
BA-388 or BA-414 or BI-311 or CJ-350 or EC-300 or MA-304 or PO-200 or PS-200 or SO-448	
At most one from the following group (with permission of the department chairperson)	
BA-351 or BI-385 or BI-497 or BI-498 or CU-400 or HS-499 or HP-492 or MA-295 or MA-399 or PC-390 or PS-398 or SO-450	
At most one from the following group	
MA-123 or MA-124 or MA-133 or MA-143 or MA-144 or MA-218 or MA-273 or MA-274 or MA-316 or MA-385 or MA-400	
Total Credits	18

Special Notes on Minor Requirements

- ¹ May be repeated with a different topic.

Special Notes on Core Curriculum Requirements For All Students

- ¹ Ordinarily a student may not receive credit for more than one of the 100 level calculus sequences. A student may not receive credit for both MA-103 and MA-106. A student may not receive credit for both MA-132 Statistics for the Life Sciences and MA-212 Elementary Statistics.
- ² Satisfactory completion of a mathematics course with integrated mathematics reviews, such as MA-103 Probability and Statistics for the Liberal Arts, may be required based on placement test results.
- ³ Students intending or expected to take calculus courses may first be required to take MA-100 Fundamentals of College Algebra and/or MA-101 Precalculus, unless exempted by placement test results.

Department of Modern and Classical Languages and Literatures

Dr. Mark DeStephano, *Chairperson*

The Department of Modern and Classical Languages and Literatures offers a major in Spanish. Students may, with the permission of the Department and the Academic Dean, major in Modern Languages with a concentration in Italian and/or French. Minors in French and Italian are also offered. All majors and minors must achieve a cumulative GPA of 2.5 in their major courses in order to be awarded their degree.

Requirements for Major in Spanish

Degree of Bachelor of Arts

Six of the required credits for the major may count towards the Core Curriculum Requirements.

Select one of the following sequences:	6	
SP-133 & SP-134	Intermediate Spanish I and Intermediate Spanish II ¹	
SP-135 & SP-136	Intermediate Spanish/Native Speakers I and Intermediate Spanish/Native Speakers II ¹	
SP-243	Survey: Literature of Spain I	3
SP-244	Survey: Literature of Spain II	3
SP-245	Survey of Hispanic American Literature I	3
SP-246	Hispanic-American Lit. II	3
SP-	Choose 6 Spanish Electives ²	18
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Total Credits	36	

¹ May count fulfill the Core World Languages Requirement with two Classical Civilization courses.

² May include up to 5 Modern Language (ML), up to 2 Latin (LA), up to 2 Greek (GK), and/or up to 2 Classical Civilization (CC) courses.

Special Notes on Requirements for the Spanish Major

¹ Non-native speakers should register for SP-133/SP-134. Native speakers must register for SP-135/SP-136.

² Students without adequate preparation for SP-133/SP-134 must take SP-113/SP-114 first.

Special Note on Interdisciplinary Modern Language (ML) Courses

Courses labeled ML (Modern Language) are interdisciplinary in scope and may be taught in English. Majors in the department may apply up to 15 credits in these courses towards their major requirements. Selected assignments will be required in the departmental student's major language.

Requirements for Minor in French

Required courses	6	
FR-133 & FR-134	Intermediate French I and Intermediate French II ¹	
FR-	French Electives	12
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Total Credits	18	

¹ May count towards the Core World Language Requirement

Special Note on Requirements for the Minor in French

¹ Students without adequate preparation for FR-133/FR-134 must take FR-113/FR-114 first.

Requirements for Minor in Italian

Required courses		6
IT-133 & IT-134	and Intermediate Italian II ¹	
IT-	Italian Electives	12
Total Credits		18

¹ May count towards the Core World Language Requirement.

Special Note on Requirements for the Minor in Italian

¹ Students without adequate preparation for IT-133/IT-134 must take IT-113/IT-114 first.

Requirements for Minor in Spanish

Select one of the following sequences:		6
SP-133 & SP-134	Intermediate Spanish I and Intermediate Spanish II ¹	
SP-135 & SP-136	Intermediate Spanish/Native Speakers I and Intermediate Spanish/Native Speakers II ¹	
SP-243	Survey: Literature of Spain I	3
SP-244	Survey: Literature of Spain II	3
SP-245	Survey of Hispanic American Literature I	3
SP-246	Hispanic-American Lit. II	3
Total Credits		18

¹ May count towards the Core World Language Requirement.

Special Notes on Requirements for the Minor in Spanish

¹ Non-native speakers should register for SP-133/SP-134. Native speakers must register for SP-135/SP-136.

² Students without adequate preparation for SP-133/SP-134 must take SP-113/SP-114 first.

Core Curriculum World Languages Requirements

Any six-credit sequence (e.g., parts I and II consecutively-in the same academic year) in one of the modern or Classical languages offered by the Department is required of all students who are Bachelor's Degree candidates. This requirement can be fulfilled in a number of ways and on a number of levels, namely:

1. The Elementary courses (113-114) introduce the sounds, spelling and basic grammatical principles with emphasis on hearing and speaking the language. No student who has any previous study in the language is admitted to these courses. If students wish to continue further study in that language, they must register for the intermediate-level course or higher.
2. Intermediate courses in a language (133-134, 135-136) seek to provide a solid foundation in all language skills, namely reading, writing, speaking and aural understanding and a foundation for continued study of a language on more advanced levels. Readings and material for oral practice include literature, past and present. Use of the language laboratory may be required at the discretion of the instructor. Prerequisite: one or two years of secondary school or one year of college-level elementary language .
3. With departmental permission, any two language or literature courses in the same language above the intermediate level, which are dedicated to advanced practice in language skills or to particular topics in the study of literature.
4. Completion of the Advanced Placement Examination in language and/or literature, with a grade of 4 or 5. The student will be awarded three credits for each Advanced Placement Examination in Language and/or Literature that has been passed with a grade of 4 or 5. If the student successfully passed both the language and the literature AP examinations, this will be considered as the successful completion of the World Languages Core

Requirement. AP students who are awarded three credits of the language requirement must take the additional three credits in the same language at the advanced level (i.e., over the “200” level).

5. Students may not fulfill the Core World Languages Requirement with Classical Civilization courses.
6. Students may fulfill the World Languages Core Requirement by taking any two-course sequence in American Sign Language (when offered).
7. Students may fulfill the World Languages Core Requirement by taking the two-course sequence in “Romance Language Synthesis, I and II”.
8. Students fulfilling the core requirement with an elementary or intermediate level course must complete both parts of the course consecutively (i.e. both parts of the course must be taken in the same academic year). Students failing to complete the core requirement consecutively must begin a new language in order to fulfill the requirement. Exceptions may be made in special cases.

Proficiency Examinations

All proficiency examinations have been eliminated. The external examinations accepted by the Department is the AP Examination and International Baccalaureate (Higher Level). Other than this, the language requirement must be fulfilled through coursework at Saint Peter’s University. The Department does not accept CLEP test credits for the fulfillment of the Core World Languages requirement.

Natural Science Program

The Program in Natural Science offers an interdisciplinary major in Natural Science. For this major, students must have the approval of both the Academic Dean and the Chair of the department in which they would have the heaviest concentration of science courses. Natural Science majors who plan to teach at the primary or secondary level are required to also consult with the Chair of the Education Department.

Requirements for Natural Science Major

Degree of Bachelor of Science

Choose a Subject I List of courses from: Biology, Chemistry, Computer Science, Mathematics, or Physics ¹	24-26
Choose a Subject II List of courses from: Biology, Chemistry, Computer Science, Mathematics, Psychology, or Physics ¹	14-16
Choose a Subject III List of courses from: Biology, Chemistry, Computer Science, Mathematics, Psychology, or Physics ¹	8-9
Choose a Subject IV List of courses from: Biology, Chemistry, Computer Science, Mathematics, Psychology, or Physics	6-9
Total Credits	52-60

¹ A different subject must be chosen for each of the four Subject List. Additional completion of three credits of Independent Study at the senior level in Subject I to enhance development of the student's science program is encouraged.

Subject I Lists to Choose From

Biology

BI-183	General Biology I	3
BI-185	General Biology I Lab	1
BI-184	General Biology II	3
BI-186	General Biology II Lab	1
BI-215	Principles of Anatomy and Physiology	4
BI-215L	Principles of Anatomy and Physiology Lab	0
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BI-310	Ecology	4
BI-310L	Ecology Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
Total Credits		24

Chemistry

CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-251	Organic Chemistry I	3
CH-251L	Organic Chemistry I Lab	1
CH-252	Organic Chemistry II	3
CH-252L	Organic Chemistry II Lab	1
CH-329	Analytical Chemistry	3
CH-329L	Analytical Chemistry Lab	1
Choose one of the following		4

CH-442 & 442L	Biochemistry I and Biochemistry 1 Lab	
BC-492 & CH-442L	Biological Chemistry and Biochemistry 1 Lab	
Total Credits		24

Computer Science

CS/IS-180	Introduction to Programming	3
CS-231	Software Engineering	3
CS/IS-	5 CS or IS Electives (CS-200 or higher or IS-300 or higher)	15
CS-332	Advanced Computing	3
Total Credits		24

Mathematics

MA-143	Differential Calculus	4
MA-144	Integral Calculus	4
MA-247	Introductory Linear Algebra	3
MA-273	Multivariable Calculus I	4
MA-	2 MA Electives at 300-level or above	6
Total Credits		21

Physics

PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
PC-	Physics Electives, 300-level or above	16
Total Credits		24

Subject II Lists to Choose From**Biology**

BI-183	General Biology I	3
BI-185	General Biology I Lab	1
BI-184	General Biology II	3
BI-186	General Biology II Lab	1
BI-240	Cell and Molecular Biology	4
BI-240L	Cell & Molecular Bio Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
Total Credits		16

Chemistry

CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-132	General Chem and Qualitative Analysis 2	3
CH-132L	Gen Chem and Qualitative Analysis 2 Lab	1
CH-	2 CH Electives, CH-130 or higher	6
Total Credits		14

Computer Science

CS/IS-180	Introduction to Programming	3
CS-231	Software Engineering	3
CS/IS-	2 CS or IS Electives (CS-200 or higher or IS-300 or higher)	6
CS-332	Advanced Computing	3
Total Credits		15

Physics

PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
PC-	Physics Electives, 300-level or above	6
Total Credits		14

Psychology

PS-151	Introduction to Psychology	3
PS-200	Statistics & Research Methods	3
PS-205	Experimental Psychology	3
Choose one of the following courses with capstone laboratory		6
PS-310 & PS-311	Social Experimental Psychology and Capstone: Seminar Lab Social Experiment	
PS-320 & PS-321	Learning and	
PS-350 & PS-351	Cognitive Processes and	
PS-430 & PS-431	Industrial-Organizational Psy and Capstone: Lab & Sem Industr Org Psych	
PS-480 & PS-481	Special Topics in Psychology and Capstone: Seminar & Lab St	
Total Credits		15

Subject III and Subject IV Lists to Choose From**Biology**

BI-183	General Biology I	3
BI-185	General Biology I Lab	1
BI-184	General Biology II	3
BI-186	General Biology II Lab	1
Total Credits		8

Chemistry

CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
CH-	1 CH Elective, CH-130 or higher	3
Total Credits		7

Computer Science

CS/IS-180	Introduction to Programming	3
Choose 1 of the following:		3

CS-231	Software Engineering	
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Total Credits		6
Physics		
PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
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Total Credits		8
Psychology		
PS-151	Introduction to Psychology	3
PS-200	Statistics & Research Methods	3
PS-205	Experimental Psychology	3
<hr/>		
Total Credits		9

Department of Philosophy

Dr. Daniel Murphy, *Chair*

The Philosophy Department offers a major and minor in Philosophy, with three major concentrations: the Ethics and Moral Philosophy concentration, the Ethical Leadership concentration, and the Traditional concentration. Philosophy as part of a double-major is especially encouraged.

Requirements for Philosophy Major - Traditional Concentration

Degree of Bachelor of Arts

PL-130	Introduction to Philosophy	3.00
PL-140	Introduction to Ethics	3.00
PL-153	Logic	3
	Capstone Experience ¹	0
PL-xxx	Electives in Ethics, History of Philosophy, and Topical Areas	21
Total Credits		30

Ethics and Moral Philosophy Electives

PL-252	Justice and Human Rights	3
PL-253	Business Ethics	3
PL-254	Contemporary Issues in Bioethics	3
PL-256	Food Ethics and Justice	3
PL-259	Technology Society and Values	3
PL-258	Criminal Justice Ethics	3
PL-241	Environmental and Climate Change Ethics	3

History of Philosophy Electives

PL-448	Plato's Dialogues	3
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Topical Area Electives

PL-200	Rhetoric Speech and Argument;Rhetoric Speech and Argument	3
PL-201	Philosophy of Science	3
PL-301	Latinx Philosophy	3
PL-306	Existentialism: Dostoevsky to Sartre	3
PL-320	Asian Philosophy	3
PL-353	Philosophy of Mind	3
PL-390	Special Projects Philosophy	3
PL-425	Symbolic/Mathematical Logic	3
PL-495	Exploring Philosophy Overseas	3

¹ Normally satisfied in an upper division Philosophy course during the senior year.

Requirements for Philosophy Major - Ethical Leadership Concentration

PL-130	Introduction to Philosophy	3
PL-140	Introduction to Ethics	3
PL-153	Logic	3
PL-200	Rhetoric Speech and Argument;Rhetoric Speech and Argument	3
PL-252	Justice and Human Rights	3
PL-490	Capstone: Ethical Leadership	3
One Additional PL Course in Ethics and Moral Philosophy		3

Electives (Chosen in consultation with Faculty advisor)	9
Total Credits	30

Requirements for Philosophy Major - Ethics and Moral Philosophy Concentration

PL-130	Introduction to Philosophy	3
PL-140	Introduction to Ethics	3
PL-153	Logic	3
Capstone Experience		0
Electives in Interdisciplinary Ethics and Moral Philosophy (at least 4 PL courses)		21
Total Credits		30

Interdisciplinary Ethics and Moral Philosophy Electives

PL-252	Justice and Human Rights	3
PL-253	Business Ethics	3
PL-254	Contemporary Issues in Bioethics	3
PL-258	Criminal Justice Ethics	3
PL-259	Technology Society and Values	3
CU-255	Ethics in Communication	3
TH-484	Christian Medical Ethics	3
TH-486	Morality in the Marketplace	3

Special Notes on Philosophy Major Requirements

- 1 Except for the Ethical Leadership Concentration, up to 6 credits of the required Philosophy Electives may be taken in other departments, in cognate courses approved by the Philosophy Department Chair.
- 2 Required Philosophy electives are not always offered every year, so they should be taken as soon as possible after completing the core courses.

Requirements for a Minor in Philosophy

PL-130	Introduction to Philosophy	3
PL-140	Introduction to Ethics	3
PL-	Philosophy Electives	12
Total Credits		18

Physics Program

Dr. Debing Zeng, *Chairperson*

The Physics Program is housed within the Department of Applied Science and Technology. The Department offers both a major and a minor in Physics.

Requirements for Physics Major

Degree of Bachelor of Science

Fourteen of the required credits for the major count towards the Core Curriculum Requirements.

PC-185	General Physics I (Core Natural Science)	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II (Core Natural Science)	3
PC-188	General Physics Laboratory II	1
Select one of the following:		3
PC-300	Math Methods in Physics	
MA-382	Mathematical Modeling	
MA-385	Topics in Applied Mathematics	
PC-331	Electronics	4
PC-337	Modern Physics	4
PC-344	Optics	4
PC-370	Mechanics	3
PC-374	Electricity and Magnetism I	3
PC-	Electives (300-level or above)	6
MA-143	Differential Calculus (Core Math) ¹	4
MA-144	Integral Calculus (Core Math) ¹	4
MA-273	Multivariable Calculus I	4
MA-274	Multivariable Calculus II	4
CH-131	General Chem and Qualitative Analysis 1	3
CH-131L	Gen Chem and Qualitative Analysis 1 Lab	1
PC-390	Independent Study in Physics	1
Total Credits		56

Special Notes on Core Curriculum Requirements

¹ These courses may not be taken on a Pass/Fail basis.

Special Note on Major Requirements and Electives

¹ MA-247 Introductory Linear Algebra and MA-377 Ordinary Differential Equations are highly recommended.

Requirements for a Minor in Physics

PC-185	General Physics I	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II	3
PC-188	General Physics Laboratory II	1
Select one of the following:		4
PC-331	Electronics	
PC-337	Modern Physics	
PC-344	Optics	

PC-	Electives (300-level or above)	6
Total Credits		18

Department of Political Science

Dr. Anna Brown, *Chairperson*

The Political Science Department offers a major and a minor in Political Science.

Requirements for Political Science Major

Degree of Bachelor of Arts

Political Science majors must complete the following courses, and must maintain a 2.5 GPA in their political science major course of study.

PO-100	Perspectives on Politics	3
PO-200	Research Methods and Social Impact	3
PO-201	American Government	3
PO-499	Political Science Capstone	3
Distribution Courses: choose one course from each of the following designations		
PO-	Political Science course with American Politics designation (AP)	3
PO-	Political Science course with Political Theory designation (PT)	3
PO-	Political Science course with Comparative Politics designation (CP)	3
PO-	Political Science course with International Relations designation (IR)	3
PO-	Political Science elective courses: choose four courses from any designation or combination of designations (AP, PT, CP, IR)	12
Total Credits		36

Special Notes on Major Requirements

- ¹ PO-499, the Political Science Capstone course must be taken at the University during the spring semester of a student's senior year.
- ² Students are required to take one Political Science course identified as a seminar course. The seminar course may be taken either as a Distribution Course or as an Elective Course.

Requirements for a Minor in Political Science

PO-100	Perspectives on Politics	3
PO-200	Research Methods and Social Impact	3
PO-201	American Government	3
PO-	Political Science electives: choose three courses from any designation or combination of designations (AP, PT, CP, or IR)	9
Total Credits		18

Pi Sigma Alpha, the National Political Science Honor Society

The Department sponsors a chapter of Pi Sigma Alpha, the national political science honor society. Membership in the Theta Chi chapter is open to any student who has completed at least fifteen credits in political science, maintained at least a 3.3 average in those courses, and demonstrates a deep commitment to the ethical-political life and to social justice. Inductions into Pi Sigma Alpha occur annually during the spring semester and applications are available in the Department office.

Internship Experience

Majors are encouraged to obtain valuable internship experience in government or in public advocacy organizations available through either the Department, the Center for Experiential Learning and Career Services, the Washington Center, or the Guarini Institute for Government and Leadership as well as to participate in the Gannon Debate Society and/or the Harvard Model United Nations.

Harvard Model United Nations

A unique and exciting part of the political science curriculum, the Harvard Model United Nations (U.N.) is a component of PO-376, one of the International Politics courses offered annually during the fall semester. Together with delegations of students from colleges and universities from around the world, each representing a different United Nations member nation, a delegation from Saint Peter's University participates in a four-day mock United Nations session at Harvard University, debating various topics and advancing the official government policy positions of the nation it is assigned. The Model U.N. affords the student the opportunity to gain first-hand experience in the processes of conference diplomacy and negotiation that increasingly characterize the dynamics of international politics. Because the course selected to include the Model U.N. changes every year, interested students are able to participate more than once in this fascinating educational experience.

The Washington Center Internship Program

The Washington Center Internship Program offers students the distinctive and exciting opportunity to intern in Washington, D.C. and earn Saint Peter's University academic credit at the same time. The university liaison to the program guides and supervises interested students from all major fields of study through the application process. For more details about the program, consult the Special Academic Programs section.

For students majoring in Political Science, no more than 9 academic credits earned through the Washington Center Internship Program may count towards the fulfillment of the required political science major course of study. For political science minors, no more than 6 academic credits earned through the Washington Center Internship may count towards the fulfillment of the required political science minor course of study. Students must have these credits approved ahead of time by the Washington Center Internship Program Coordinator.

Pre-Law

This is for students who desire to learn about the law school application process, the course of study at law schools, or the professional practice of law. For more information about Pre-Law advising or Saint Peter's University's Joint B.A./J.D. Program with the Seton Hall University School of Law, consult the Pre-Law section.

Pre-Law Program

Dr. Kari Larsen, *Advisor*

Pre-law advising is designed to assist students who are interested in attending law school after graduation from Saint Peter's University. The Pre-law Advisor assists students in choosing their academic program, planning for the LSAT exam, selecting internships, and applying to law school.

Preparation for law school requires a broad-based and rigorous undergraduate education that emphasizes critical thinking, studious reading and excellence of writing. A particular major is not required. However, the chosen program of study should encompass challenging courses that sharpen the intellect and develop a student's ability to think analytically and communicate clearly. These skills can be refined in any number of courses including those in the humanities, social sciences, natural sciences, and business.

Law schools seek students who are able to operate at their peak in a demanding academic environment, and who can demonstrate this ability by achieving an outstanding undergraduate academic record and scoring high on the Law School Admission Test (LSAT).

Students interested in law school, legal careers, or the Joint B.A./J.D. Program outlined below, should contact the University's Pre-law Advisor as early as possible for information and guidance about preparation for law school, the application process, the study of law, and the practice of law.

Joint B.A./J.D. Program with Seton Hall University School of Law

Qualified high school students who are interested in an accelerated program may apply, upon admission to Saint Peter's University or as early as possible during their first year at the University, for entrance into the Joint B.A./J.D. Program with Seton Hall University School of Law. The Program offers exceptional high school students the opportunity to obtain in six years, rather than the normal seven years, a Bachelor's Degree in Political Science from Saint Peter's University and a Juris Doctor Degree from Seton Hall University School of Law. Eligibility requirements include, among other components, minimum SAT scores (600 on the verbal, 600 on the math, and a composite verbal + math of 1300) and rank in the top 10% of the student's high school class.

The Joint B.A./J.D. Program is an optional accelerated program, and entrance into the Program is not required to apply to or attend law school in the usual manner.

Pre-Med/Pre-Dental Program

Dr. Katherine Wydner, *Advisor*

Pre-Med/Pre-Dental

The Pre-Med/Pre-Dental Program is designed to assist students who are interested in attending medical or dental school after graduation from Saint Peter's University. The Health Career Advisor assists students in choosing their academic program, planning for the Medical College Admission Test (MCAT) or the Dental School Admission Test (DAT), selecting internships or research experiences, and applying to medical or dental school.

Medical and dental schools do not require specific majors; however, they do require exceptional performance in a series of very specific science and mathematics courses. For most medical and dental schools these requirements include: one year of general biology with lab, one year of general chemistry with lab, one year of general physics with lab, one semester of calculus, one semester of statistics, and one year of organic chemistry with lab. We also recommend that students take one semester of biochemistry. Admission to medical or dental school also requires very high scores on the MCAT or DAT exams. Students interested in medical or dental school or the combined B.S./M.D. or B.S./D.M.D. programs outlined below, should contact the University's Health Career Advisor, Dr. Katherine Wydner of the Biology Department, as early as possible for information and guidance about preparation for medical or dental school, the application process, and the undergraduate courses required.

Combined B.S./M.D. Program or B.S./D.M.D. Program with the medical and dental schools of Rutgers University

Students apply to the seven year B.S./M.D. program at the same time as they apply for admission to Saint Peter's University. Students are accepted to Saint Peter's and are conditionally admitted to the medical school track by Rutgers University. Students apply to the dental school track at the end of their freshman year. After admission to the combined pre-med or pre-dental programs, students are monitored for compliance with the requirements set by Rutgers. Admission to Rutgers' medical or dental school is conditional at all stages of the program and is determined solely by Rutgers University.

Pre-Professional Health-Related Combined Degree Programs

Dr. Katherine Wydner, *Advisor*

A number of combined degree programs are available to students through a series of articulation agreements with area colleges and universities. These programs are coordinated through the Department of Applied Science and Technology and the Health Careers Advisory Committee. Students participating in these programs spend three years at Saint Peter's University in a pre-professional program (pre-pharmacy or pre-physical therapy) and then finish their professional degree at another institution in three or four additional years. Students must meet all of the requirements of the individual professional school and acceptance at an individual professional school is solely at the discretion of that school. Participation in any of these pre-professional programs while a student at Saint Peter's does not guarantee admittance to the partner school. For particular details about when and how students should apply to each of the professional school partners, students should consult the Health Careers Advisor.

These combined degree programs represent only particular options for ultimately obtaining a graduate Physical Therapy or Pharmacy degree. Students who complete a traditional four year Bachelor's degree from Saint Peter's, take the courses required for the particular graduate program, and show high academic performance may qualify for application to other graduate programs.

Students interested in these combined degree programs need to plan their academic course of study with the assistance of a member of the Health Careers Advisory Committee so as to ensure compliance with program requirements, which may change at the discretion of the professional schools. Students not interested in these combined-degree programs, but planning on entering similar or other graduate, health-related programs upon completion of their Bachelor's degree, should likewise consult the Health Careers Advisor for help with choosing the appropriate course of study.

Pre-Physical Therapy with Rutgers University

The Pre-Physical Therapy program is designed to assist students who are interested in attending a Physical Therapy (PT) program after Saint Peter's University. Saint Peter's has a combined degree program with Rutgers University that leads to a Bachelors of Science from Saint Peter's and a Doctorate in PT from Rutgers University. Students who are admitted to this Pre-PT program spend three years at Saint Peter's followed by three years at Rutgers. Students with a strong high school record (verbal + math SAT > 1170) and strong college record may be considered for the Pre-PT track; admission is conditional at all stages. Students in the Pre-PT track must maintain a minimum GPA of 3.0, conduct volunteer/service work with a PT, pass an interview at the partner school, and achieve a good GRE score. While at Saint Peter's, students pursuing the Pre-PT track must complete the core and major requirements and take certain other required courses which include (but are not limited to) two semesters of General Biology with laboratory, two semesters of General Chemistry with lab, two semesters of Physics with lab, two semesters of Anatomy & Physiology with lab, one semester of Psychology, one semester of Calculus (MA-133), and one semester of Statistics (MA-132). The Health Careers Advisor will assist students in planning their academic program.

Pre-Pharmacy with Rutgers University

The Pre-Pharmacy Program is designed to assist students who are interested in attending a Pharmacy program after Saint Peter's University. Saint Peter's has a combined degree program with Rutgers University (New Brunswick, NJ) that leads to a Bachelors of Science from Saint Peter's and a Doctor of Pharmacy (PharmD) from Rutgers. Students who are admitted to this Pre-Pharmacy program spend three years at Saint Peter's followed by four years at Rutgers. Students with a strong high school record (Top 20% high school class, verbal + math SAT > 1410) and strong University record may be considered for the Pre-Pharmacy track; admission is conditional at all stages. While at Saint Peter's, students in the Pre-Pharmacy track must maintain a strong GPA, complete the core and major requirements, and take other required courses which include (but are not limited to) two semesters of General Biology with laboratory, two semesters of General Chemistry with lab, two semesters of Organic Chemistry with lab, two semesters of Physics with lab, one semester of Psychology or Sociology, one semester of Calculus (MA-133), and one semester of Statistics (MA-132). The Health Careers Advisor will assist students in planning their academic program.

Department of Psychology

Dr. Joshua Feinberg, *Chairperson*

The Psychology Department offers a major in Psychology with optional concentrations in Clinical Psychology, Forensic Psychology or Industrial-Organizational Psychology. Students may only declare one concentration. A minor in Psychology is also offered.

Requirements for Psychology Major

Degree of Bachelor of Science

Required Courses		12
PS-151	Introduction to Psychology	
PS-200	Statistics & Research Methods	
PS-205	Experimental Psychology	
PS-210	Advanced Stats & Computer Applications	
PS-	Psychology Electives	12
Select one course from each group:		
Cognitive/Developmental		3
PS-230	Childhood and Adolescence	
PS-240	Adulthood and Aging	
PS-320	Learning	
PS-350	Cognitive Processes	
Clinical		3
PS-250	Personality	
PS-260	Abnormal Psychology	
PS-425	Psychology of Emotion	
Social/Applied		3
PS-310	Social Experimental Psychology	
PS-415	Attitudes and Persuasion	
PS-430	Industrial-Organizational Psy	
PS-433	Stereotypes and Prejudices	
PS-435	Forensic Psychology	
Select two capstone labs. Please note, may take only 1 capstone per semester:		6
PS-311	Capstone: Seminar Lab Social Experiment	
PS-321		
PS-351		
PS-401	Capstone Lab & Seminar in Moral Psych	
PS-407	Capstone: Seminar & Lab Political Psych	
PS-416	Capstone Sem/Lab: Attitudes & Persuasion	
PS-426	Capstone Seminar and Lab: Emotion	
PS-431	Capstone: Lab & Sem Industr Org Psych	
PS-434	Cap Sem & Lab: Stereotypes & Prejudices	3
PS-481	Capstone: Seminar & Lab St	
PS-499	Capstone Seminar & Lab: General Psych	
Total Credits		42

Special Notes on Core Curriculum Requirements

- ¹ Psychology majors may not take courses designed for non-science majors (including BI-122, BI-123, BI-124, BI-125, BI-126, BI-130, BI-140, CH-108, CH-110, CH-129, CH-130, PC-110, PC-130, PC-140, PC-150) as part of the Natural Science Core Requirement. For psychology majors, PS-151 may not fulfill the STEM Core Requirement.
- ² For the mathematics core requirement majors should take MA-103, MA-106, or MA-212.

Optional Psychology Degree Concentrations

Students majoring in Psychology may choose (but are not required) to pursue a concentration in clinical psychology or forensic psychology. Concentrations entail 15 credits of coursework that allow students to focus on an area that they might be considering for graduate study and/or a future career. Pursuing a concentration does not affect the core or the total number of credits required for the psychology BS degree.

Concentration in Clinical Psychology

PS-250	Personality	3
PS-260	Abnormal Psychology	3
Select two of the following:		6
PS-305		
PS-340	Physiological Psychology	
PS-398	Undergrad Psychology Research	
PS-450	Cross-Cultural Psychology	
PS-455	Bio Foundations : Human Sexuality	
PS-463	Psychopathology & Film	
Total Credits		12

Concentration in Industrial-Organizational Psychology

PS-310	Social Experimental Psychology	3
PS-430	Industrial-Organizational Psy	3
Select two of the following		6
PS-305		
PS-398	Undergrad Psychology Research	
PS-415	Attitudes and Persuasion	
PS-433	Stereotypes and Prejudices	
PS-445	Sport Psychology	
Total Credits		12

Concentration in Forensic Psychology

PS-310	Social Experimental Psychology	3
PS-435	Forensic Psychology	3
Select two of the following:		6
PS-250 Personality		
PS-305		
PS-398	Undergrad Psychology Research	
PS-433	Stereotypes and Prejudices	
PS-450	Cross-Cultural Psychology	
Total Credits		12

Special Notes for Psychology-Education Double Majors

- 1 ED-170 Child and Adolescent Psychology may replace PS-230 Childhood and Adolescence.
- 2 ED-301 Assessment may replace PS-305.
- 3 Double majors must plan early for the capstone laboratories since students may not student teach and take capstone laboratories at the same time.
- 4 If you take PS-235 Life Span Development, you may not take PS-230 Childhood and Adolescence or PS-240 Adulthood and Aging.

Requirements for a Minor in Psychology

PS-151	Introduction to Psychology	3
PS-	Psychology Electives	15
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Total Credits		18

Radiography Collaborative Program

Dr. Christina Mortellaro, *Advisor*

Through this collaborative program between Saint Peter's University and the Englewood Hospital School of Radiography, students earn a Degree of Associate of Applied Science in Health Sciences (AAS) from Saint Peter's University. This degree begins with one year (32 credits or at least 18 credits for transfer students) of study at Saint Peter's University followed by two years of study, including summers, at Englewood Hospital School of Radiography. Students are awarded the AAS degree from Saint Peter's University upon documented evidence of successfully completing the Englewood Hospital School of Radiography program, but prior to taking the American Registry of Radiologic Technologists (ARRT) exam. The successful completion of this program does not confer eligibility for advanced certification or licensure.

Students in this program are admitted to Saint Peter's University into the Health Sciences, Radiography Track. Students apply for Conditional Admit Status to the Englewood Hospital School of Radiography during their second semester at Saint Peter's, and the granting of Conditional Admit Status is at the sole discretion of School of Radiography at Englewood Hospital. Students must meet the admission requirements of Englewood Hospital School of Radiography, be recommended by Saint Peter's Health Professions Advisory Committee, successfully complete an interview at Englewood Hospital School of Radiography, and receive a passing grade of C or higher in the following courses taken during the fall semester at Saint Peter's University: BI-171 and BI-172, PS-151, MA-115, either PL-130 or TH-110, CS-150, an approved EL course, SO-121, and a Composition sequence based on placement: CM-104 or CM-120.

Once students with Conditional Admit Status successfully complete the required spring semester courses with a grade of C or higher in any of the remaining courses listed above, they may apply for Admit Status through the Admissions Office of Englewood Hospital School of Radiography. Students must satisfy all of the admission requirements of the School of Radiography, including volunteer service and the required level of performance on an entrance examination. The granting of admission is at the sole discretion of Englewood Hospital School of Radiography.

For more detailed information about the admission requirements, students should consult the Program Advisor. Students entering Saint Peter's University in the Health Sciences, Radiography Track should consult the Program Advisor early and often to make sure they take the required courses in the correct sequence, meet all of Saint Peter's requirements, and understand the requirements of Englewood Hospital School of Radiography.

Students who are not granted Conditional Admit Status by Englewood Hospital School of Radiography cannot complete the A.A.S. Degree in Health Sciences. These students may, however, switch to the B.S. degree in Health Sciences or one of the other Bachelor's degree options offered by a traditional day program, or to one of the Associate's degree options offered by the School of Professional Studies. Depending on the option chosen, it may take longer than two years to complete an Associate's degree or longer than four years to complete a Bachelor's degree.

A.A.S. Degree in Health Sciences

Requirements

Degree of Associate of Applied Science in Health Sciences

BI-171	Anatomy and Physiology I	4
MA-210	Mathematics for the Health Sciences	3
PS-151	Introduction to Psychology	3
Select a 1st course in Composition Sequence:		3
CM-104 & CM-115	and	
CM-120		
BI-172	Anatomy and Physiology II	4
CS-150	Intro Computers & Information Processing	3
Select a 2nd course in Composition Sequence:		3

CM-104	and	
& CM-115		
or elective if originally placed in CM-120		
Take one approved EL course		3
PL-130	Introduction to Philosophy	3
or TH-204	Healthcare in the Christian Tradition	
SO-121	Introduction to Sociology	3
Courses taken at CHSR as part of professional program (transfer credit)		30
Total Credits		62

Social Justice Program

Dr. Anna J. Brown, *Director*

The Social Justice Program offers a multi-disciplinary minor that emphasizes the thought and work of social justice, the thought and practice of nonviolence and peacemaking, and the peace and justice teachings of the world's faith traditions. The aim of the social justice project, within the Jesuit tradition, is to appreciate the dignity of each person, to understand the systemic causes of social oppression, to dismantle unjust social structures, and to imagine and create social structures that uplift the human family as well as the earth.

Social justice students are encouraged to engage in our numerous social justice workshops and lectures, local, national, and international works of service and justice, and seminars on nonviolence and peacemaking.

Each year during the Michaelmas ceremony, the Social Justice Program awards the Philip Berrigan Social Justice Award to that social justice student who excels both in academic and social justice work.

Requirements for Minor in Social Justice

SJ/PO-250	Intro to Social Justice	3
Select one of the following urban internships designated as Service Learning		3
UR-492	Urban Internship	
SO-492	Urban Internship	
Take the following Faith and Justice elective:		3
TH-484	Christian Medical Ethics	
Select one of the following Politics, Economics and the Environment electives:		3
EC-452	Economic Development	
SO-489	Globalization and Fieldwork Seminar	
Select one of the following Social Diversity and Stratification electives:		3
EC-324	Poverty & Inequality	
SO/SJ-136	Intro Lesbian Gay Bisexual Transgendered	
SO/AS/SJ-245	Haitians in America	
SO/UR/AS/SJ-412	Ethnicity and Race in Urban History	
SO-200	Ethnic and Racial Relations	
SO-351	Latina/O/X Communities	
Select one of the following Social Movements and Change electives:		3
AS-460		
UR/SJ-328	Social Work in Urban Systems	
PO/SJ-137	Nonviolence Community Org. Social Move	
PO-311		
UR-465	Vietnam and the U.S.	
PO-498	Political Poetry & Music	
Total Credits		18

Department of Sociology and Urban Studies

Dr. Joseph McLaughlin, *Chairperson*

The Department of Sociology and Urban Studies offers a major in Sociology, Urban Studies, and Anthropology. Minors are offered in Sociology, Urban Studies, Africana Studies, and Anthropology.

Requirements for Sociology Major

Degree of Bachelor of Arts

SO-121	Introduction to Sociology	3
SO-280	Sociological Theory	3
SO-345	Sociology of Intimacy	3
SO-384	Cultural Anthropology	3
SO-448	Statistics in the Social Sciences	3
SO-450	Research Techniques: Social Sciences	3
SO/UR-492	Urban Internship	3
or SO-495	Internshp in Intern'l Settings	
SO-496	Rev. Marion J. Franklin Senior Seminar	3
SO-	Sociology Electives	6
Total Credits		30

Requirements for an Urban Studies Major

Degree of Bachelor of Arts

UR-151	The Contemporary City	3
UR-370	Urban Anthropology	3
UR-412	Ethnicity and Race in Urban History	3
UR-490	Urban Field Work	3
UR-491	Advanced Urban Field Work	3
SO-450	Research Techniques: Social Sciences	3
UR-	Urban Studies Electives	12
Total Credits		30

Requirements for an Anthropology Major

Degree of Bachelor of Arts

AT-301	Introduction to Archeology	3
AT-275	Pre-Columbian Civilizations	3
AT-313	Human Evolution Ecology and Adaptation	3
AT-370	Urban Anthropology	3
AT-384	Cultural Anthropology	3
SO-450	Research Techniques: Social Sciences	3
SO-495	Internshp in Intern'l Settings	3
Nine specific credits from one of the following:		9
AN, AR, AS, EV, FA, GS, HS, LS, ML, AT, SO, TH or UR		
Total Credits		30

Requirements for a Minor in Sociology

SO-121	Introduction to Sociology	3
Select one of the following:		3

AS-	Africana Studies course	
LS-	Latin American and Latino Studies course	
GS-	Gender and Sexuality course	
SO-	Sociology electives	12
Total Credits		18

Requirements for a Minor in Urban Studies

UR-151	The Contemporary City	3
UR/SO-412	Ethnicity and Race in Urban History	3
UR-	Urban Studies Electives	12
Total Credits		18

Requirements for a Minor in Anthropology

SO/BI-313	Human Evolution Ecology and Adaptation ¹	3
SO-370	Urban Anthropology	3
SO-384	Cultural Anthropology	3
AT, SO, UR, EV, HS	Anthropology Electives	9
Total Credits		18

Department of Theology

Edmund W. Majewski, S.J., *Chairperson*

The Department of Theology offers both a major and a minor in Theology.

Requirements for Theology Major

Degree of Bachelor of Arts

Six of the required credits for the major count towards the Core Curriculum Requirements.

TH-110	Religious Faith in the Modern World ¹	3
TH-120	Intro to the Study of Christianity (or any 300-level course) ¹	3
TH-300	Methods and Sources of Theology	3
TH-301	Modern Christian Community: The Church	3
TH-320	Old Testament Introduction	3
TH-330	New Testament Introduction	3
TH-350	Who Is Jesus Christ?	3
TH-495	Theology Capstone	3
TH-	Theology Electives	12
Total Credits		36

¹ May count towards the Core Theology Requirement. TH-121 may substitute for TH-110; and TH-122 may substitute for TH-120.

Special Notes on Major Requirements

- ¹ Theology majors may take up to nine credits in approved cognate courses in other departments in fulfillment of the Theology electives requirement.
- ² Courses in Classical and Modern Languages and in Philosophy are strongly recommended.
- ³ Students considering a major in Theology should take TH-110 and TH-120 (or any 300-level course) in their Freshman year. The Core Philosophy courses should be taken in Sophomore year.
- ⁴ Every student majoring in Theology must submit a Capstone Project during senior year according to departmental guidelines. The Honors thesis fulfills this requirement.

Requirements for a Minor in Theology

Three credits may be fulfilled in an approved cognate course in another department.

TH-110	Religious Faith in the Modern World	3
TH-120	Intro to the Study of Christianity (or any 300-level course)	3
TH-	Theology electives	12
Total Credits		18

School of Business

Kimberly Reeve, Ph.D., *KPMG Dean*

Dr. John E. Hammett III, *Associate Dean for Graduate Studies*

The Frank J. Guarini School of Business is committed to preparing students as ethical business leaders with the knowledge and skill sets for prominent careers in a variety of industries, poised to impact a business world that is increasingly interdisciplinary, and armed with a strong moral compass, committed to making a positive difference in their chosen professions and communities.

We offer a variety of programs at both the undergraduate and graduate level, and these are listed below. In addition, the Guarini School of Business offers a variety of professional certificate programs that can be completed with 12 credits of coursework.

Undergraduate Major Programs

- Accountancy (B.S.)
- Business Management (B.S.)
- Computer Science (B.S.)
- Cyber Security (B.S.)
- Data Science (B.S.)
- Economics (B.A. OR B.S.)
- Mathematical Economics (B.S.)
- Finance (B.S.)
- International Business (B.S.)
- Marketing Management (B.S.)
- Sports Management (B.S.)
- Esports Business*

*specialization that can be added to majors in Business, Marketing and Sports Management

Undergraduate Minor Programs*

- Business Analytics
- Business Law
- Healthcare Management

*students can add a minor in any area of major listed above in addition to these below minor programs.

Graduate Degree Programs

- Master of Business Administration (M.B.A.)
- MS in Accounting
- MS in Business Analytics
- MS in Cyber Security
- MS in Data Science

- MS in Finance
- MS in Marketing Science

Department of Accounting and Legal Studies

Dr. Lori Ann Buza, *Chairperson*

The Department of Accounting and Legal Studies offers a major in Accounting and minors in Accounting and Legal Studies.

Requirements for Accounting Major

Degree of Bachelor of Science

AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
AC-331	Intermediate Accounting Theory I	3
AC-332	Intermediate Accounting Theory II	3
AC-341	Advanced Accounting Theory	3
AC-443	Cost Accounting	3
AC-444	Auditing Principles	3
AC-455	Taxation	3
AC-480	Integrated Accounting Capstone	3
BL-161	Introduction to Law & Contracts	3
BL-162	Agency & Business Organization	3
BL-251	Uniform Commercial Code	3
EC-101	Macroeconomic Principles	3
EC-102	Microeconomic Principles	3
FN-410	Business Finance	3
FN-411	Financial Management	3
BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
Choose 2 Electives from AC, BL or LW		6
(AC-495 Pathway to the CPA is strongly recommended for students who want to take the CPA Exam)		
Total Credits		60

Special Notes on Core Curriculum Requirements

- MA-123 Elementary Calculus I-MA-124 Elementary Calculus II are suggested for the Mathematics Core Requirement; however, MA-105 Elementary Applied Mathematics-MA-106 Introduction to Probability & Statistics are accepted. Neither sequence of math courses may be taken on a Pass/Fail basis. Students desiring to take MA-123-MA-124, but not sufficiently prepared, must take MA-101 Precalculus.
- All Accounting majors must satisfy the Values requirement with the following course: LW-155 Legal and Contemporary Issues.
- All Accounting majors must satisfy the Writing Intensive requirement with the following course: BA-315 Business and Professional Communication.
- All Accounting majors must satisfy the Computer Science requirement with the following course: AC-157 Microsoft Excel for Accounting and Business Environments.

Special Notes on Major Requirements

- Students desiring to major in Accounting must take the entire program prescribed. Students will be approved for the major in Accounting provided they have a 2.5 average in AC-151 and AC-152. Students should consult with their professor in AC-152, or with an Accounting faculty advisor, concerning their qualifications for this concentration.

² In order to satisfy some of the requirements needed to sit for the CPA Examination in the State of New Jersey, a total of 24 Accounting credits and 24 business elective credits must be completed. The student should verify these requirements each year with the CPA Coordinator as they are subject to change. Business electives may be selected from courses in accounting, business law, economics, information science, and business administration. Students who expect to sit for the CPA Examination in NJ or in any another state should verify the specific academic requirements of that state, as they are subject to change.

³ All Accounting majors are required to maintain a 2.5 average in major courses.

Requirements for a Minor in Accounting

AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
AC-331	Intermediate Accounting Theory I	3
AC-332	Intermediate Accounting Theory II	3
Electives as approved by Department Chairperson ¹		6
Total Credits		18

¹ Recommended electives for the AC minor: LW-155, AC-157, AC-455.

Requirements for a Minor in Legal Studies

BL-161	Introduction to Law & Contracts	3
BL-162	Agency & Business Organization	3
BL-241	Real and Personal Property	3
BL-251	Uniform Commercial Code	3
LW-155	Seminar in Contemporary Legal Issues (Values)	3
One Elective as Approved by Department Chairperson ¹		3
Total Credits		18

¹ For students who major in Accounting and also minor in Business Law, you may only count LW-155 either towards your major in Accounting OR minor in Business Law, not both. In that case, the Accounting faculty advisor will determine an additional elective for you.

Department of Business Administration

Dr. Mary McDonough, *Chairperson*

The Business Administration Department offers a major and a minor in Business Management, Marketing Management, International Business, Esports Business and Business Analytics as well as a specialization in Esports Business.

Requirements for Business Management Major

Degree of Bachelor of Science

Nine of the required credits for the major count towards the Core Curriculum Requirements.

BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-240	Organizational Behavior	3
BA-282	Leadership	3
BA-315	Business and Professional Communication (WI)	3.00
BA-325	Ethics: Business and Economic Community	3
BA-458	Business Strategy	3
BA-496	Seminar in Business Administration (Capstone)	3
BA-	Three BA- Electives	9
CS-271	Decision Support Systems ¹	3
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law & Contracts	3
EC-101	Macroeconomic Principles ²	3
EC-102	Microeconomic Principles	3
EC-300	Stats for Business Finance & Economics	3
Take one of the following ²		3
PO-100	Perspectives on Politics	
SO-121	Introduction to Sociology	
UR-151	The Contemporary City	
FN-401	Intro to Corporate Finance	3
Total Credits		60

¹ May count towards the Core Natural Science Requirement.

² May count towards the Core Social Science Requirement.

Requirements for Marketing Management Major

Degree of Bachelor of Science

Nine of the required credits for the major count towards the Core Curriculum Requirements.

BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-250	Consumer Behavior	3
BA-315	Business and Professional Communication (WI)	3.00
BA-325	Ethics: Business and Economic Community	3
BA-327	Digital and Social Media Marketing	3
BA-351	Marketing Research	3
BA-458	Business Strategy	3

BA-496	Seminar in Business Administration (Capstone)	3
BA-	Two BA- Electives	6
CS-271	Decision Support Systems ¹	3
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law & Contracts	3
EC-101	Macroeconomic Principles ²	3
EC-102	Microeconomic Principles	3
EC-300	Stats for Business Finance & Economics	3
Take one of the following ²		3
PO-100	Perspectives on Politics	
SO-121	Introduction to Sociology	
UR-151	The Contemporary City	
FN-401	Intro to Corporate Finance	3
Total Credits		60

¹ May count towards the Core Natural Science Requirement.

² May count towards the Core Social Science Requirement.

Requirements for International Business Major Degree of Bachelor of Science

Nine of the required credits for the major count towards the Core Curriculum Requirements.

BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-248	Intl Bus and the Global Marketplace	3.00
BA-315	Business and Professional Communication (WI)	3.00
BA-319	International Marketing	3
BA-325	Ethics: Business and Economic Community	3
BA-347	International Management	3
BA-458	Business Strategy	3
BA-496	Seminar in Business Administration (Capstone)	3
BA-	Two BA- Electives	6
CS-271	Decision Support Systems ¹	3
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law & Contracts	3
EC-101	Macroeconomic Principles ²	3
EC-102	Microeconomic Principles	3
EC-300	Stats for Business Finance & Economics	3
Take one of the following ²		3
PO-100	Perspectives on Politics	
SO-121	Introduction to Sociology	
UR-151	The Contemporary City	
FN-401	Intro to Corporate Finance	3
Total Credits		60

- ¹ May count towards the Core Natural Science Requirement.
² May count towards the Core Social Science Requirement.

Special Notes on core curriculum Requirements

- ¹ All BA majors are encouraged to take MA-123/MA-124 as their math requirements because many graduate programs require calculus.

Special Notes on major Requirements

- ¹ All majors must maintain a GPA of 2.30 or higher in all of their BA and cognate courses to remain in the major and to graduate.
² Majors are allowed to take one BA minor. Courses taken towards the minor may not count towards the major.
³ All BA majors are encouraged to participate in Co-ops and Internships

Minor Programs

Students may minor in Management, Marketing, Business Analytics, Esports or International Business by taking 18 departmental credits. It is recommended, although not mandatory, that 15 credits in cognate courses also be taken. GPA in minor must be 2.30 or higher.

Requirements for a Minor in Business Management

BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-240	Organizational Behavior	3
BA-282	Leadership (cannot be double-counted)	3
BA-	BA Elective (any BA course - cannot be double-counted)	3
BA-	Elective at the 300-level or Above (cannot be double-counted)	3
Total Credits		18

Requirements for a Minor in Marketing Management

BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-250	Consumer Behavior	3
BA-351	Marketing Research (cannot be double-counted)	3
BA-	BA Elective (any BA course - cannot be double-counted)	3
BA-	Elective at the 300-level or Above (cannot be double-counted)	3
Total Credits		18

Requirements for a Minor in International Business

BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-246	Export Management	3
BA-347	International Management (cannot be double-counted)	3
BA-	BA Elective (any BA course - cannot be double-counted)	3
BA-	Elective at the 300-level or Above (cannot be double-counted)	3
Total Credits		18

Requirements for a Minor in Business Analytics

BA-151	Principles of Management	3
or CS-271	Decision Support Systems	
BA-287	Introduction to Business Analytics	3

BA-350	Operations and Logistics Management	3
BA-394	Industry Practices in Project Management	3
EC-300	Stats for Business Finance & Economics	3
Select one of the following		3
FN-302	Elements of Econometrics	
BA-388	Intro to Predictive Analytics & Visual	
MA-218	Quantitative Methods for Business	
Total Credits		18

Requirements for a Minor in Esports Business

SM-150	History Culture and Business of Esports	3
SM-285	Management/Leadership- Esports Ecosystem	3
PL-259	Technology Society and Values	3
Take three of the following courses:		9
SM-255	Esports Branding and Marketing	
SM-295	Credited Internships (by approval and after completing 9 other minor credits)	
SM-385	Esports Sales Sponsorship & Revenue Dev	
SM-395	Esports Events Planning and Management	
CU-340	Sportswriting	
SO-256	Sociology of Sports	
Total Credits		18

Esports Business Specialization

Take four of the following:		12
SM-150	History Culture and Business of Esports	
SM-255	Esports Branding and Marketing	
SM-285	Management/Leadership- Esports Ecosystem	
SM-295	Credited Internships	
SM-385	Esports Sales Sponsorship & Revenue Dev	
SM-395	Esports Events Planning and Management	

Department of Computer and Information Sciences

Dr. Alberto LaCava, *Chairperson*

The Department of Computer and Information Sciences offers four programs leading towards the Bachelor of Science degree in Computer Science. Students may concentrate in Computer Information Systems, Cyber Security, Artificial Intelligence and Machine Learning or Computer Science. Transfer students who major in CS must complete a minimum of six CS and/or IS courses at the University for the Bachelor of Science degree. For students not majoring in Computer Science, we offer Minors in Computer Science and Cyber Security. For students majoring in Criminal Justice, the Department offers a concentration in Cyber Security and Computer Forensics.

Requirements for Computer Science Major/Computer Information Systems Option

Degree of Bachelor of Science

This option is designed for those who wish to become programmers or systems analysts. Application programming and business information systems are studied. Six of the required credits for the major count towards the Core Curriculum Requirements.

MA-123	Elementary Calculus I (Core Math)	3
MA-124	Elementary Calculus II (Core Math)	3
CS-177	Intr to Computer Science & Cybersecurity	3
CS-180	Introduction to Programming	3
CS-231	Software Engineering	3
CS-298	Cyber Security Virtual Internship	3
CS-332	Advanced Computing	3
IS-410	Total Business Info Systems	3
CS-370	Data Structures	3
Choose 4 of the following:		12
MA-212	Elementary Statistics	
MA-214	Mathematics of Finance	
MA-216	Computer Mathematics	
MA-218	Quantitative Methods for Business	
MA-222	Intermediate Statistics	
MA-247	Introductory Linear Algebra	
MA-250	Transition to Advanced Mathematics	
MA-316	Intermediate Discrete Mathematics	
MA-347	Topics in Linear Algebra	
CS-499	Capstone for Computer Science	
CS/IS-	CS or IS Electives (IS-230 or higher OR CS-300 or higher) ¹	
Total Credits		39

Special Note on Core Curriculum Requirements for Computer Science Major/Computer Information Systems Option

¹ Majors in CS/CIS may not use CS or IS courses for the Core Natural Science Requirement.

Special Notes on Major Requirements for Computer Science Major/Computer Information Systems Option

¹ A student must maintain a 2.0 average in the CS-231 and CS-332 sequence to continue as a computer science major.

² CS/CIS majors may be eligible for a minor in mathematics.

- ³ CS/CIS majors are encouraged to study a commercially popular programming language such as Python and/or Java.

Requirements for Computer Science Major/Cyber Security Option

Degree of Bachelor of Science

This option is designed for those who wish to learn the technology and security architecture that is necessary to help protect and defend information systems from cyber-attacks.

MA-123	Elementary Calculus I (Core Math)	3
MA-124	Elementary Calculus II (Core Math)	3
MA-212	Elementary Statistics	3
CS-177	Intr to Computer Science & Cybersecurity	3
CS-190	Secure Software Development	3
CS-231	Software Engineering	3
CS-332	Advanced Computing	3
CS-260	Information Technology Ethics	3
CS-339	Computer Architecture & Operating System	3
IS-380	Database and Data Administration	3
IS-381	Cyber Security Planning and Risk Mgmt	3
IS-425	Disaster Recovery/Business Continuity	3
CS-489	Network Technology Protocols & Defense	3
CS-495	Cryptology	3
CS-496	Cybersecurity and Digital Forensics Lab	3
CS-499	Capstone for Computer Science	3
Total Credits		48

Special Notes on Core Curriculum Requirements for Computer Science Major/Cyber Security Option

- ¹ Majors in CS/Cyber Security may not use CS or IS courses for the Core Natural Science Requirement.

Special Note on Major Requirements for Computer Science Major/Cyber Security Option

- ¹ A student must maintain a 2.0 average in the CS-231 and CS-332 sequence to continue as a computer science major.

Requirements for Computer Science Major/Artificial Intelligence and Machine Learning

Degree of Bachelor of Science

This option is designed for those who wish to learn the technology and architecture that is necessary to use Artificial Intelligence and Machine Learning methods in the computing disciplines.

MA-123	Elementary Calculus I (Core Math)	3
MA-124	Elementary Calculus II (Core Math)	3
MA-212	Elementary Statistics	3
CS-177	Intr to Computer Science & Cybersecurity	3
CS-180	Introduction to Programming	3
CS-231	Software Engineering	3
CS-241	Python Programming for Comp Scientists	3
CS-332	Advanced Computing	3
CS-346	Machine Learning I	3

CS-370	Data Structures	3
CS/MA-337	Statistical Computing With R	3
CS-415	Robotics Fundamentals and Programming	3
CS-446	Machine Learning II	3
CS-470	Introduction to Artificial Intelligence	3
CS or IS Elective		3
CS-499	Capstone for Computer Science	3
Total Credits		48

Special Notes on Core Curriculum Requirements for Computer Science Major/Artificial Intelligence and Machine Learning Option

¹ Majors in CS/Artificial Intelligence and Machine Learning may not use CS or IS courses for the Core Natural Science Requirement.

Special Note of Major Requirements for Computer Science Major/Artificial Intelligence and Machine Learning Option

¹ A student must maintain a 2.0 average in the CS-231 and CS-332 sequence to continue as a computer science major.

Requirements for Computer Science Major/Computer Science Option

Degree of Bachelor of Science

This option is designed for those who wish to study the theory of programming. Any student who wishes to go to graduate school in Computer Science should consider taking this option.

Six or eight of the required credits for the major count towards the Core Curriculum Requirements.

MA-143	Differential Calculus (Core Math)	4
MA-144	Integral Calculus (Core Math)	4
CS-177	Intr to Computer Science & Cybersecurity	3
CS-180	Introduction to Programming	3
CS-231	Software Engineering	3
CS-332	Advanced Computing	3
CS-339	Computer Architecture & Operating System	3
CS-355	Found of Programming Systems	3
CS-370	Data Structures	3
MA-247	Introductory Linear Algebra	3
MA-250	Transition to Advanced Mathematics	3
MA-273	Multivariable Calculus I	4
Choose 1 course		3
MA-222	Intermediate Statistics	
MA-316	Intermediate Discrete Mathematics	
MA-335	Probability Theory	
MA-336	Mathematical Statistics	
MA-347	Topics in Linear Algebra	
MA-389	Topics in Statistics	
Two Natural Science Laboratories ¹		2
One STEM Laboratory ²		
CS-499	Capstone for Computer Science	3
CS-	CS Electives: choose 2 courses from CS-237 or CS-300-level	6

CS/IS-	CS/IS Electives: choose 2 courses from CS-300-level or IS-400-level	6
Total Credits		59

- 1 Taken with Natural Science courses for Core Requirements.
- 2 Taken with STEM courses for Core Requirements.

Special Notes on Core Curriculum Requirements for Computer Science Major/Computer Science Option

- 1 Students who have taken MA-123 Elementary Calculus I/MA-124 Elementary Calculus II, may fulfill the requirement by taking MA-125 Intermediate Calculus. These courses may not be taken on a Pass/Fail basis.
- 2 Majors in CS/CS may not use CS or IS courses for the Core Natural Science Requirement. Laboratories must be taken with the two courses chosen to satisfy the Core Natural Science Requirement.

Special Notes on Major Requirements for Computer Science Major/Computer Science Option

- 1 A student must maintain a 2.0 average in the CS-231 and CS-232 sequence in order to continue as a computer science major.
- 2 CS/CS majors may be eligible for a minor in mathematics.
- 3 CS/CS majors are encouraged to study a commercially popular programming language such as Visual BASIC and/or JAVA.

Requirements for Criminal Justice Major with a Concentration in Cyber Security and Computer Forensics

For details about this program see the Criminal Justice Department.

Requirements for Minor in Cyber Security

Students Majoring in Computer Science are not eligible for this minor

IS-381	Cyber Security Planning and Risk Mgmt	3
CS-489	Network Technology Protocols & Defense	3
CS-496	Cybersecurity and Digital Forensics Lab	3
CS	CS Electives	9
Total Credits		18

Requirements for Minor in Computer Science

Students majoring in Computer Science are not eligible for this minor

CS	CS Electives	15
CS or IS	CS or IS Elective	3
Total Credits		18

Department of Economics and Finance

Dr. Devin T. Rafferty, *Chairperson*

The Department of Economics and Finance offers majors in Economics, Finance, and Quantitative Economics and Finance and minors in Economics and Finance.

Requirements for Economics Major

Degree of Bachelor of Arts

Three of the required credits for the major count towards the Core Curriculum Requirements.

EC-101	Macroeconomic Principles (Core Social Science)	3
EC-102	Microeconomic Principles	3
EC-251	Intermediate Microeconomics	3
EC-252	Intermediate Macroeconomics	3
EC-300	Stats for Business Finance & Economics ¹	3
EC-496	Capstone Seminar (WI) ²	3
FN-401 or FN-410	Intro to Corporate Finance ³ Business Finance	3
FN-416	Ethics in Financial Professions ⁴	3
EC/FN	Economics/Finance Electives ⁵	15
Total Credits		39

¹ EC-300 is a Required Upper-Level Course and not an Upper-Level Elective Course.

² EC-496 is a Required Upper-Level Course and not an Upper-Level Elective Course.

³ May choose either FN-401 or FN-410 but not both. Students cannot take both FN-401 and FN-410. Either of these courses can serve as a prerequisite for FN-411. FN-401 and FN-410 are not Upper-Level Elective Courses.

⁴ EC-324: Poverty and Inequality fulfills the Pluralism requirement.

⁵ Ethics in Financial Professions fulfills the second Interdisciplinary Seminar and Values requirements. It is not an Upper-Level Elective.

Requirements for Economics Major

Degree of Bachelor of Science

Three of the required credits for the major count towards the Core Curriculum Requirements.

EC-101	Macroeconomic Principles (Core Social Science)	3
EC-102	Microeconomic Principles	3
EC-251	Intermediate Microeconomics	3
EC-252	Intermediate Macroeconomics	3
EC-300	Stats for Business Finance & Economics ⁶	3
EC-496	Capstone Seminar (WI) ⁷	3
FN-401 or FN-410	Intro to Corporate Finance ⁸ Business Finance	3
EC/FN	Economics/Finance Electives ⁹	15
FN-416	Ethics in Financial Professions ¹⁰	3
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law & Contracts	3
BA-151	Principles of Management	3

BA-155	Principles of Marketing	3
Total Credits		54

- ⁶ EC-300 is a Required Upper-Level Course and not an Upper-Level Elective Course.
- ⁷ EC-496 is a Required Upper-Level Course and not an Upper-Level Elective Course.
- ⁸ May choose either FN-401 or FN-410 but not both. Students cannot take both FN-401 and FN-410. Either of these courses can serve as a prerequisite for FN-411. FN-401 and FN-410 are not Upper-Level Elective Courses.
- ⁹ EC-324: Poverty and Inequality fulfills the Pluralism requirement.
- ¹⁰ Ethics in Financial Professions fulfills the second Interdisciplinary Seminar and Values requirements. It is not an Upper-Level Elective.

Requirements for Finance Major

Degree of Bachelor of Science

Three of the required credits for the major count towards the Core Curriculum Requirements.

EC-101	Macroeconomic Principles (Core Social Science)	3
EC-102	Microeconomic Principles	3
EC-251	Intermediate Microeconomics	3
EC-252	Intermediate Macroeconomics	3
EC-300	Stats for Business Finance & Economics ¹¹	3
EC-496	Capstone Seminar (WI) ¹²	3
FN-401	Intro to Corporate Finance ¹³	3
or FN-410	Business Finance	
FN-416	Ethics in Financial Professions ¹⁴	3
FN	FN Electives	15
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law & Contracts	3
BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
Total Credits		54

- ¹¹ EC-300 is a Required Upper-Level Course and not an Upper-Level Elective Course.
- ¹² EC-496 is a Required Upper-Level Course and not an Upper-Level Elective Course.
- ¹³ May choose either FN-401 or FN-410 but not both. Students cannot take both FN-401 and FN-410. Either of these courses can serve as a prerequisite for FN-411. FN-401 and FN-410 are not Upper-Level Elective Courses.
- ¹⁴ Ethics in Financial Professions fulfills the second Interdisciplinary Seminar and Values requirements. It is not an Upper-Level Elective.

Requirements for Quantitative Economics and Finance Major

Degree of Bachelor of Arts

Nine of the required credits for the major count towards the Core Curriculum Requirements.

EC-101	Macroeconomic Principles (Core Social Science)	3
EC-102	Microeconomic Principles	3
EC-251	Intermediate Microeconomics	3
EC-252	Intermediate Macroeconomics	3
EC-300	Stats for Business Finance & Economics ¹⁵	3

EC-301	Economic and Financial Modeling	3
EC-303	Economic & Financial Engr W/ Derivatives	3
EC-496	Capstone Seminar (WI) ¹⁶	3
FN-401 or FN-410	Intro to Corporate Finance ¹⁷ Business Finance	3
EC/FN	Economics/Finance Electives ¹⁸	15
FN-416	Ethics in Financial Professions ¹⁹	3
MA-123	Elementary Calculus I (Core Math)	3
MA-124	Elementary Calculus II (Core Math)	3
MA-218	Quantitative Methods for Business	3
Total Credits		54

¹⁵ EC-300 is a Required Upper-Level Course and not an Upper-Level Elective Course

¹⁶ EC-496 is a Required Upper-Level Course and not an Upper-Level Elective Course.

¹⁷ May choose either FN-401 or FN-410 but not both. Students cannot take both FN-401 and FN-410. Either of these courses can serve as a prerequisite for FN-411. FN-401 and FN-410 are not Upper-Level Elective Courses.

¹⁸ EC-324: Poverty and Inequality fulfills the Pluralism requirement.

¹⁹ Ethics in Financial Professions fulfills the second Interdisciplinary Seminar and Values requirements. It is not an Upper-Level Elective.

Special Notes on Core Curriculum Requirements for Economics, Finance and Quantitative Economics and Finance Majors

¹ It is recommended that Economics, Finance, and Quantitative Economics and Finance majors take CS-150 Introduction to Computers and Information Processing as part of their Core Natural Science Requirement.

² It is recommended that Economics and Finance majors take MA-123 and MA-124 Elementary Calculus, I and II, to satisfy the Core Mathematics Requirement (although MA-105 and MA-106 Finite Mathematics, 1 and II, or MA-143 and MA-144 Differential and Integral Calculus, is an acceptable alternative).

Special Notes on Major Requirements for Economics, Finance and Quantitative Economics and Finance Majors

¹ The upper level required theory courses, EC-251 and EC-252, must be taken at Saint Peter's University.

² No more than three credits of EC-295 can be applied toward the satisfaction of major requirements.

³ Finance majors are permitted to also major in Economics. However, no courses counted as upper-level electives in the Finance major can also count as upper-level electives in the Economics major.

Requirements for a Minor in Economics

EC-101	Macroeconomic Principles	3
EC-102	Microeconomic Principles	3
EC-	Economics/Finance Electives: EC/FN- 300-level or above) ²⁰	12
Total Credits		18

Requirements for a Minor in Finance

Students may earn a minor in Finance by completing a minimum of 18 credits including EC-101 Macroeconomic Principles, EC-102 Microeconomic Principles and any four FN electives for the major in finance. Economics majors and Economics minors are permitted to minor in Finance. However, with the exception of EC-101 and EC-102, none of the courses taken for the minor in Finance will count towards the completion of the major or minor in Economics.

EC-101	Macroeconomic Principles	3
EC-102	Microeconomic Principles	3

FN	Finance Electives ²¹	12
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Total Credits		18

²⁰ EC-300, FN-401, FN-410, EC-496, and FN-416 are not Upper-Level Elective Courses. As a result, they will not count towards the fulfillment of this requirement.

²¹ EC-300, FN-401, FN-410, EC-496, and FN-416 are not Upper-Level Elective Courses. As a result, they will not count towards the fulfillment of this requirement.

Sports Management Program

Dr. Alexander Sepulveda, *Chairperson and Director*

The Sports Management Program offers both a major and a minor in Sports Management and a specialization in Esports.

Requirements for the Sports Management Major

Degree of Bachelor of Science

AC-151	Principles of Accounting I	3
BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-249	Sports & Entertainment Marketing	3
BA-315	Business and Professional Communication (WI)	3
EC-101	Macroeconomic Principles ²	3
EC-102	Microeconomic Principles	3
SM-228	Intro to Sports Management	3
SM-350	Sport Facility Operation & Event Mgmt	3
SM-410	Legal& Ethical Issue in Sports	3
SM-251	Finance in the Sports Industry	3
SM-250	Sport Communication	3
SM-450	The Global Sports Industry	3
SM-499	Internship	3
Choose 3 from the following courses:		9
PS-445	Sport Psychology	
SO-256	Sociology of Sports	
CU-340	Sportswriting	
PE-103	Prin & Found of Phys Education	
PE-202	Fundamentals of Coaching	
Total Credits		51

Special Notes on Core Curriculum Requirements

- ¹ MA-105 Elementary Applied Mathematics and MA-106 Introduction to Probability & Statistics are recommended for the Mathematics Core Requirement.
- ² SO-121 is recommended as one of the two options for the Social Science Core Requirement, as it is a prerequisite for SO-256.
- ³ PS-151 is recommended as one of the two options for the Natural Science Core Requirement, as it is a prerequisite for PS-445.

Requirements for a Minor in Sports Management

BA-249	Sports & Entertainment Marketing	3
SM-228	Intro to Sports Management	3
SM-350	Sport Facility Operation & Event Mgmt	3
SM-410	Legal& Ethical Issue in Sports	3
SM Electives		6
Total Credits		18

Esports Business Specialization

Take four of the following:		12
SM-150	History Culture and Business of Esports	

SM-255	Esports Branding and Marketing
SM-285	Management/Leadership- Esports Ecosystem
SM-295	Credited Internships
SM-385	Esports Sales Sponsorship & Revenue Dev
SM-395	Esports Events Planning and Management

Caulfield School of Education

Stephanie Squires, Ph.D., *Dean*

Anna Cicirelli, Ed.D., *Associate Dean*

The Caulfield School of Education offers a major in Elementary Education and a minor in Secondary Education. It also offers various options to become certified in many academic areas. The undergraduate program in Education provides pre-professional training for teaching on the pre-school, elementary, middle school, and secondary school levels.

General Entry and Exit Requirements

Students seeking admission to the undergraduate programs apply for admission to the Teacher Education Program normally second semester of sophomore year.

Admission criteria include:

- 3.0 minimum grade point average
- successful completion of ED-490: Sophomore Clinical Experience and Seminar
- successful completion of either ED-160 or ED-170/ED-203
- entrance interview and recommendation of School of Education Faculty
- taking and passing the Praxis I Core Exam

Exit requirements include:

- 3.0 minimum overall grade point average
- exit interview conducted in Student Teacher Seminar
- Praxis Exam in the specialized area that the student wishes to be certified in

New Jersey Certification Requirements

Elementary School Teacher certification requires students to complete:

- core curriculum requirements (minimum of 60 credits in liberal arts)
- coherent sequence and major in Elementary Education²
- required passing of Praxis I and Praxis II exams¹

Middle School Teacher certification requires students to complete:

- core curriculum requirements (minimum of 60 credits in liberal arts)
- coherent sequence and major in Elementary Education
- 15 credits in approved program in each subject endorsed on the middle school level; the credits may be included in the academic major, core curriculum or electives
- required passing of Praxis I and Praxis II exams¹

Secondary School certification requires students to complete:

- core curriculum requirements
- academic major (minimum of 30 credits in subject area to be taught) and minor in Secondary Education
- required passing of Praxis I and Praxis II exams¹

¹ Note: All students will be required to take and pass the Praxis exam before being permitted to student teach.

² Elementary Education majors can also take required courses for Pre-School-3 Certification.

Areas Of Certification

Elementary Education Program

- Elementary Classroom Teacher (K-6)
- Pre-School-3 Certification

Elementary Education Program with Middle School Certification (15 credits are required in subject area for middle school certification. Core courses can be included in the 15 credits.)

- Teacher of Middle School Science
- Teacher of Middle School English
- Teacher of Middle School Social Studies
- Teacher of Middle School Mathematics

Secondary Education Program with Subject Area Endorsements

- Teacher of Art
- Teacher of Comprehensive Business
- Teacher of Biological Science
- Teacher of Mathematics
- Teacher of General Business
- Teacher of Physical Science
- Teacher of English
- Teacher of French
- Teacher of Italian
- Teacher of Spanish
- Teacher of Social Studies
- Teacher of History
- Teacher of Chemistry
- Teacher of Physics
- Teacher of Physical Education
- Teacher of Health
- Teacher of Physical Education and Health

Elementary and Secondary Programs

Dr. Jennifer Ayala, *Director*

MAJOR AND MINOR REQUIREMENTS

Requirements for Elementary Education Major (Grades K - 6 and Pre-School-3)

Degree of Bachelor of Arts

All Elementary Education students who wish to receive a State of New Jersey Teaching Certificate (K-6) will also take the courses necessary to be certified as Pre-School-3 teachers. Elementary Education students must complete the following courses. Students who wish to take a course out of sequence should check with their departmental advisor.

Sophomore Year (7 credits)

ED-160	Education/Schooling/Multicultural Soc	3
ED-170	Child and Adolescent Psychology	3
ED-490	Clinical Experience I	1
or EP-490	Clinical Experience I: Early Child/Elem	

Junior Year (16 credits)

EE-202	Elementary Curriculum	3
EE-204	Using Technology in Elem Language Arts	3
EE-206	Teaching Reading/Elementary School	3
EE-212	Methods Teaching Math in Elem School	3
EE-214	Teach Science/Elem Sch Using Technology	3
ED-491	Clinical Experience II	2
or EP-491	Clinical Experience II: Early Child/Elem	

Senior Year (14 credits)

ED-301	Assessment	3
ED-493	Practicum in Reading	3
EE-495	Student Teaching: Elementary	8

Total Credits		38
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Courses required for P-3 Certification

Courses Required P-3 Certification

ED-201	Fundamentals of Speech	3
EP-201	Child Development in the Early Years	3
EP-202	Developing Home School Family Partners	3
EP-301	Introduction to Special Education	3
EP-302	Meth. Curr. Assess. in EC CL	3

Requirements for Elementary Education Major (Grades Kindergarten to 6) with Middle School Certification (Grades 6 to 8)

Degree of Bachelor of Arts

All Elementary Education students who wish to receive a middle school teaching certificate are required to follow the educational sequence outlined above for Elementary Education majors. In order to receive Middle School Certification, the student must take a sequence of courses (15 credits minimum) in the area in which they wish to teach. Students also need to successfully pass the Praxis II exam in the subject area in which they wish to teach.

Special Notes on Core Curriculum Requirements for Elementary Education Majors

- ¹ The recommended Mathematics Core Requirement is MA-108/MA-109 Math for Educators, I and II or MA-105/MA-106 or MA-102/MA-103.
- ² CS-150 Introduction to Computers and Information Processing is recommended as part of the Core Natural Science Requirement.

Requirements for a Minor in Secondary Education

Since for Secondary Education students the academic major is also specific preparation for the subject teaching certificate, the student must choose an academic major that is taught at the high school level. In addition to an advisor from the department of the academic major, all Secondary Education minors must confer with an advisor in the School of Education and declare Secondary Education as a minor. Secondary Education minors must complete the following 25 credits:

ED-160	Education/Schooling/Multicultural Soc	3
ED-203	Educational Psychology (or with permission ED-170)	3
ED-490	Clinical Experience I	1
ED-491	Clinical Experience II	2
ED-492	Clinical Prac I & Seminar Elem/Mid/Sec	3.00
EP-301	Introduction to Special Education	3.00
SE-370	Reading/Sec Sch Using Technology	3
SE-400	Prin/Tech of Instr/Middle& Secondary Sch	3
SE-408	Principles of High School Curriculum	3
SE-495	Student Teaching: Secondary	8
Total Credits		32

Elementary Education and Pre-School-3 Program

Elementary Education Majors with a concentration in Pre-School-3 is a program designed to prepare individuals seeking to become teachers in grades preschool through six. Individuals completing this program sequence will be able to apply for both a K-6 certification and a P-3 certification. The program's course sequence provides individuals with the ability to provide expertise in creating developmentally appropriate learning environments, designing curriculum, learning how children develop and learn, and developing the skills and knowledge to inspire lifelong learning.

Sophomore Year (7 credits)

ED-160	Education/Schooling/Multicultural Soc	3
ED-170	Child and Adolescent Psychology	3

Junior Year (26 credits)

EP-201	Child Development in the Early Years	3
EP-202	Developing Home School Family Partners	3
EP-302	Meth. Curr. Assess. in EC CL	3
ED-201	Fundamentals of Speech	3
EE-204	Using Technology in Elem Language Arts	3
EE-206	Teaching Reading/Elementary School	3
EE-212	Methods Teaching Math in Elem School	3
EE-214	Teach Science/Elem Sch Using Technology	3

Senior Year (17 credits)

ED-301	Assessment	3
EP-301	Introduction to Special Education	3
EP-492	Clinical Prac I & Seminar Elem/Mid/Sec	3
EP-495	Clinical Practice II & Sem Early Child	8

Total Credits		47
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Health and Physical Education Program

Dr. Jay Garrels, *Chairperson*

The Health and Physical Education Program offers a major in Fitness and Wellness, Exercise Science, and Teaching to prepare students for employment in a number of venues, including commercial fitness, corporate health and fitness, and community recreation and health promotion. The curriculum also prepares students for graduate level studies in the health sciences. Students desiring a teaching certificate in Health and Physical Education will include a series of courses offered through the School of Education in order to teach in the K-12 school environment. These courses are part of the Minor in Secondary Education.

Requirements for the Fitness and Wellness Major

Degree of Bachelor of Science

BI-171	Anatomy and Physiology I (Core Natural Science)	4
BI-171L	Anatomy and Physiology I Lab (Core Natural Science)	0
HE-122	Nutrition in Health and Disease	3
HE-271	Concepts of Public Health	3
HE-486	Current Issues in Health Education	3
PE-103	Prin & Found of Phys Education (Core Pluralism)	3
PE-255	Fitness and Wellness	3
PE-310	Kinesiology	3
PE-311	Biomechanics	3
PE-352	Exercise Physiology I	3
PE-353	Exercise Physiology II (Capstone, Core Writing Intensive)	3
PE-410	Legal & Ethical Issues in Sports (Core Values)	3
Choose two of the following courses		6
PE-202	Fundamentals of Coaching	
PE-301	Technology in Health and Fitness	
PE-360	Sports Medicine	
PE-499	Internship	
Choose two of the following courses		6
HE-150	Physiology of Exercise and Healthy Aging	
HE-200	Compl Thrpy Health Wellness Cognition	
HE-301	Technology in Health and Fitness	
HE-350	Human Sexuality in Health Education	
HE-498	Internship in HEPE	
Total Credits		46

Requirements for the Exercise Science Major

Degree of Bachelor of Science

BI-171	Anatomy and Physiology I (Core Natural Science)	4
BI-171L	Anatomy and Physiology I Lab (Core Natural Science)	0
BI-172	Anatomy and Physiology II (Core Natural Science)	4
BI-172L	Anatomy and Physiology II Lab (Core Natural Science)	0
HE-122	Nutrition in Health and Disease	3
HE-271	Concepts of Public Health	3
HE-486	Current Issues in Health Education	3
EX-498	Internship in HEPE	3
EX-103	Prin & Found of Phys Education (Core Pluralism)	3

EX-255	Fitness and Wellness	3
EX-310	Kinesiology	3
EX-311	Biomechanics	3
EX-352	Exercise Physiology I	3
EX-353	Exercise Physiology II (Core Writing Intensive)	3
EX-360	Sports Medicine	3
EX-410	Legal & Ethical Issues in Sports (Core Values)	3
PE-499	Internship	3
Choose one of the following courses		3
HE-200	Compl Thrpy Health Wellness Cognition	
HE-350	Human Sexuality in Health Education	
PE-301	Technology in Health and Fitness	
Total Credits		50

Requirements for the Teaching Major

Degree of Bachelor of Science

HE-122	Nutrition in Health and Disease	3
HE-271	Concepts of Public Health	3
HE-486	Current Issues in Health Education	3
PE-103	Prin & Found of Phys Education (Core Pluralism)	3
PE-240	Teaching of Skills Activities I	3
PE-241	Teaching of Skills Activities II	3
PE-255	Fitness and Wellness	3
PE-310	Kinesiology	3
PE-311	Biomechanics	3
PE-352	Exercise Physiology I	3
PE-353	Exercise Physiology II (Capstone, Core Writing Intensive)	3
PE-410	Legal & Ethical Issues in Sports (Core Values)	3
Choose one of the following courses		3
PE-200	Adapt Phys Ed for Special Needs Students	
PE-202	Fundamentals of Coaching	
Choose two of the following courses		6
HE-150	Physiology of Exercise and Healthy Aging	
HE-301	Technology in Health and Fitness	
HE-350	Human Sexuality in Health Education	
Total Credits		45

Eligibility for Physical Education and Health Teaching Certification in the State of New Jersey

A student in this program can be certified to teach in one of three areas: Physical Education and Health, Physical Education, and Health. Applicants must complete a minimum of 30 credits in an area-specific coherent sequence with at least 12 of these credits completed at the advanced level of study.

Youth and Family Studies

The Youth and Family Studies major is an interdisciplinary undergraduate major that prepares students for careers in private and non-profit sectors that involve working with youth outside the traditional K-12 classroom. The major consists of face-to-face, hybrid and online courses with a field experience/internship component and a capstone experience that involves action research.

Requirements for the Youth and Family Studies Major

Bachelor of Arts

Required Courses 36

YS-161	Introduction to Youth & Family Studies
ED-170 or PS-230	Child and Adolescent Psychology Childhood and Adolescence
EP-202	Developing Home School Family Partners
UR-326 or PO-137	Community Organization Nonviolence Community Org. Social Move
UR-492 or ED-490 & ED-491	Urban Internship Clinical Experience I and Clinical Experience II
BA-151 or BA-155	Principles of Management Principles of Marketing
YS-496	Senior Project

In consultation with your advisor, select one course from the following: LS, AN, GS, SJ, AS

Choose one of the following concentrations 12

Select four of the following courses for a concentration in Youth and Family Services

UR/AS-353	Black Family
EP-201	Child Development in the Early Years
PS-170	
CJ-222	Family Law
CJ-280	Juvenile Delinquency
CJ-485	Child Protection Agencies and the Law
PO-498 or PO-316	Political Poetry & Music Hip Hop and US Political Life

Select four of the following courses for a concentration in Sports, Wellness and Recreation

BI/HE-122	Nutrition in Health and Disease
BI/HE-271	Concepts of Public Health
PE/SM-202	Fundamentals of Coaching
PE-255	Fitness and Wellness
SO-256	Sociology of Sports
SO-345	Sociology of Intimacy
PS-445	Sport Psychology

Take the following courses for a concentration in Educational Practitioner

ED-160	Education/Schooling/Multicultural Soc
ED-301	Assessment
EP-301	Introduction to Special Education

Select one of the following courses

EP-302	Meth. Curr. Assess. in EC CL
EE-202	Elementary Curriculum

SE-408	Principles of High School Curriculum
Total Credits	48
1	Required major courses cannot count towards the concentration.
2	Major courses cannot count towards the core requirements.
3	Major courses may count towards the distributive requirements.

School of Nursing

Dr. Lauren O'Hare, *Dean*

Dr. Lisa Garsman, *Generic B.S.N., Program Director*

Prof. Patricia Ahearn, *R.N. to B.S.N., Program Director*

The School of Nursing offers three distinct programs which lead towards the Bachelor of Science in Nursing (BSN) degree: the Accelerated BSN Program, the Generic BSN Program and a RN to BSN Program.

Accelerated BSN Program - offered at the Jersey City Campus. This program is for students who have already earned a bachelor's degree in another discipline but who wish to earn a Bachelor of Science, Nursing degree. The curriculum is designed to prepare nurses with the breadth of knowledge and skills needed for competent, ethical, and empathetic practice. Students are admitted to the Accelerated BSN Program based on criteria found in the Admissions section of this catalog.

BSN Program - offered at the Jersey City Campus. Students are not admitted directly into the BSN Program. Students enter the BSN Program at the end of their freshman year, only after successfully completing all requirements for the Pre-Nursing Program. Students apply to the Pre-Nursing Program when they apply for admission to the University. Transfer students should contact Undergraduate Admissions for specific information regarding admission criteria for the nursing major. This program is designed to prepare students who are high school graduates or transfer students from other institutions of higher learning for professional nursing practice. The program of study is based in the liberal arts, sciences and humanities. Students are admitted to the BSN Program at the end of their freshman year after they have successfully completed the Pre-Nursing Program and have met the requirements for admission to the nursing major.

RN to BSN Program - offered at the Bergen County Campus. This program is open to any eligible student who already possesses a diploma or associate degree as a registered nurse. This program equips graduates with a breadth of knowledge, skills, and values from both general and professional education. Graduates are prepared for generalist professional practice in a variety of settings and provided with a foundation for graduate education in nursing.

Accreditation

All BSN Programs at Saint Peter's University are accredited by the New Jersey Board of Nursing and the Commission on Collegiate Nursing Education (CCNE) 655 K Street NW, Suite 750 Washington, DC 20001 www.aacn.nche.edu/ccne-accreditation

Accelerated BSN Program

This program is for students who have already attained a bachelor's degree. Offered through the School of Nursing, the curriculum is designed to prepare nurses with the breadth of knowledge and skills needed for competent, ethical, and empathetic practice.

Coursework in the accelerated nursing program is taught by practicing professionals who provide the active knowledge and skills needed to take on the ever changing world of nursing. In tandem with clinical experiences and simulations, students are prepared to meet the needs of their future patients in only 15 months.

Accelerated Baccalaureate Nursing Program (61 Credits)

Semester I - Fall (17 credits)

MA-115		3
NU-202	Theoretical Bases of Professional Nursing	3
NU-202L	Theoretical Bases Prof Nursing Lab	0
NU-210	Pharmacology for Prof. Nursing Practice	3
NU-215	Medical Dosage Calculations	3
NU-250	Clinical Bases of Professional Nursing	5
NU-250L	Clinical Bases Lab	0
NU-308	Health Assessment	3
NU-308L	Health Assessment Lab	0

Semester II - Spring (16 Credits)

NU-204	Nutrition and Health	3
NU-304	Pathophysiology	3
NU-312	Nursing Care for Adults and Aging I	5
NU-312L	Nursing Care Adults & Aging Lab	0
NU-414	Nursing Care of Children and Adolescents	5
NU-414L	Nursing Care Child& Adlsnt Lab	0

Semester III - Summer 1 & 2 (18 Credits)

NU-315	Nursing Care for Adults and Aging II	5
NU-315L	Nursing Care for Adults and Aging II Lab	0
NU-325	Nursing Care of Child-Bearing Families	5
NU-325L	Nursing Care of Child-Bearing Families	0
NU-390	Intro to Nursing Research	3
NU-404	Psychiatric-Mental Health Nursing	5
NU-404L	Psychiatric-Mental Health Lab	0

Semester IV - Fall (13 Credits)

NU-360	Computer App in Nursing& Health Care	2
NU-420	Community Health Nursing	4
NU-420L	Community Health Nursing Lab	0
NU-430	Nursing Care of Adults and Aging III	4
NU-430L	Nurs Care Adults& Aging Lab	0
NU-445	Leadership and Trends in Nursing	3

Total Credits		67
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Generic or Basic BSN Program (Jersey City Campus)

Licensure

The State Board of Nursing determines who is eligible to take the registered nurse licensure examination (NCLEX-RN). Graduation from the Nursing Program satisfies one of the eligibility requirements. Since eligibility criteria vary, applicants should check with the Board of Nursing in the state in which they plan to take the test to determine the eligibility criteria that need to be met.

Admission to Pre-Nursing Program

Students applying to the University desiring to be nursing majors must meet the admission criteria for the University as well as for the Pre-Nursing Program. Transfer students should contact Undergraduate Admissions for specific information regarding admission criteria for the nursing major.

Successful Completion of the Pre-Nursing Program

Successful completion of the Pre-Nursing Program is required for entry into the nursing major at the end of the freshman year. Successful completion of the Pre-Nursing Program includes all of the following.

1. The Pre-Nursing Advisor must register students for courses, and students must take the core and prerequisite course sequence as determined by the School of Nursing.
2. During the second semester of the freshman year, students must register for the TEAS examination. Students should consult their program advisor for information about how to register for the TEAS examination.
3. Students may only take the TEAS examination twice, and it is strongly recommended that students remediate/review between attempts.
4. Students must score at least 78% or higher, overall on the TEAS examination. Should the candidate take the examination twice, the higher of the two scores will be considered.
5. A student's grades in both Anatomy and Physiology I and Anatomy and Physiology II must be a B or higher.
6. A student may repeat Anatomy and Physiology I once and Anatomy and Physiology II once. If a student withdraws from one of these courses, it will be considered as the first attempt at taking the particular course.
7. A student's overall GPA for the freshman year must be 3.0 or higher.

Generic or Basic BSN Program Requirements for Nursing Major

Degree of Bachelor of Science in Nursing

Nursing Courses

NU-202	Theoretical Bases of Professional Nursing	3
NU-204	Nutrition and Health	3
NU-210	Pharmacology for Prof. Nursing Practice	3
NU-215	Medical Dosage Calculations	3
NU-250	Clinical Bases of Professional Nursing	5
NU-304	Pathophysiology	3
NU-308	Health Assessment	3
NU-312	Nursing Care for Adults and Aging I	5
NU-315	Nursing Care for Adults and Aging II	5
NU-325	Nursing Care of Child-Bearing Families	5
NU-360	Computer App in Nursing & Health Care	2
NU-390	Intro to Nursing Research	3
NU-404	Psychiatric-Mental Health Nursing	5
NU-414	Nursing Care of Children and Adolescents	5
NU-416	Social Justice Ethics and Health Care (Values)	3
NU-420	Community Health Nursing (WI, Capstone)	4
NU-430	Nursing Care of Adults and Aging III	4
NU-445	Leadership and Trends in Nursing	3

Completion of Summative Examination administered in the last nursing course

Other Required Courses

BI-161	Basic Microbiology	4
BI-161L	Basic Microbiology Lab	0
MA-115		3
Total Credits		74

Special Note on Core Requirements

- ¹ The Core Curriculum Requirements are the same as those for traditional undergraduate day students.

Special Notes on Major Requirements

- ¹ To successfully complete the program, all courses required for the nursing major and for the core, must be taken in the sequence given by the School of Nursing.
- ² To enroll in the first nursing course - , NU-202 Theoretical Bases of Professional Nursing - students MUST be admitted to the School of Nursing as a nursing major. Students must have satisfactorily completed all prerequisite courses and have a minimum of a 3.0 cumulative GPA and a grade of B or higher in BI-171 Anatomy & Physiology I, BI-172 Anatomy and Physiology II. These science courses may be repeated only one time.
- ³ A grade of 78% or higher must be earned in all nursing courses and specified support courses. Any grade below a 78% is considered a failure in nursing courses. Advancement in the nursing curriculum is dependent upon successful completion of prerequisite and co-requisite nursing courses.
- ⁴ No more than one nursing course may be repeated. If the course is repeated and the grade is below 78%, this is considered a failure for the course and the student will be dismissed from the School of Nursing. The clinical portion of any nursing course is graded on a Pass/Fail basis. If the student fails the clinical component, he or she fails the entire course regardless of the grade average in the didactic component, and a grade of C- will be recorded for the course. Following two nursing course failures, the student will be dismissed from the School of Nursing. The student may remain at Saint Peter's University.
- ⁵ If a student registers for a nursing course and withdraws from the course at any time, this is considered the student's first attempt at the course and the student will receive a "W" or Withdraw grade. **There is only ONE Withdrawal from a nursing course allowed in the entirety of the program.**
- ⁶ All nursing courses must be taken in sequence with a satisfactory grade of 78% or higher earned before continuing with the next nursing course.
- ⁷ Applicants who have taken the courses Anatomy and Physiology I, Anatomy and Physiology II, and Microbiology more than five years prior to the time the nursing course sequence begins must repeat these required science courses.
- ⁸ All students must take the Summative Examination (ATI Comprehensive or similar comprehensive examination), administered in the last clinical nursing course. This examination will additionally factor as 10% of the final grade for the course. Students who do not meet the program benchmark are required to take a retake of the Comprehensive ATI Exam.

Program Length

The BSN (generic) program can be completed in four years (or eight semesters) of full-time study. Students must complete the program within six consecutive calendar years. Required science courses must be repeated once they are five years or older.

Clinical Requirements

All clinical requirements must be satisfactorily completed before students will be allowed into any clinical setting. At present, they include the following but are subject to change depending on regulations mandated by the clinical agencies and/or their accrediting bodies.

Immunizations/Vaccinations and Titers

1. All incoming nursing students need to have completed a series of immunizations/vaccinations. Students will be required to have titers drawn to validate the vaccines received and show proof of immunity in numerical values.

Should any student's titer show lack of immunity, the student is required to receive the specific vaccination for the corresponding low or negative titer result and re-test titer value's/immunity four weeks or more post vaccine administration.

Required Titers

- Hepatitis B series of 3 shots for low or negative titers 1 month apart between the first & second, and five months apart between the second and the third.
- Varicella (chicken pox): 2 shots for low or negative titers 1 month apart.
- MMR (Measles, Mumps & Rubella): 2 shots for low or negative titers 1 month apart.
- Polio titers are required if there is no proof of vaccination.
- Tdap vaccine is required within the past five years. There is no titer requirement for this vaccine.
- 2-Step TB Mantoux skin test within the past six months; if TB test is positive a Chest X-Ray is required indicating tuberculosis clearance. Note: the 2-Step Mantoux test for TB should be done first prior to initiating an MMR vaccination.

2. Health Examination - All nursing students must submit a completed copy of the BSN Health Profile. Applicants to the nursing major must be aware that health clearance will be required prior to the start of every clinical nursing course. Health Profiles are valid for one year. The Health Profile form is available in the School of Nursing Office.

3. Liability Insurance - All students enrolled in clinical nursing courses must also provide evidence of liability insurance. Application forms and information can be obtained from the School of Nursing. Students are responsible for the cost.

4. CPR Certification - All students enrolled in clinical nursing courses must provide evidence of American Heart Association CPR Certification for infant, child and adult, and BLS for Health Care Providers. Students are responsible for the cost.

5. Criminal Background Checks & Drug Screening through verified Credentials Scholar - Clinical agencies mandate criminal history background checks and drug testing for all individuals engaged in patient care and all students must undergo these checks. These checks are conducted by a consumer reporting agency and the information is sent to the University and to clinical agencies. Agency personnel will evaluate the information they receive and, in their sole discretion, make the final determination as to each student's ability to continue to engage in patient care in their agency. If a student is denied clinical placement by any clinical agency due to criminal history information or a positive result on the drug testing that student will be dismissed from the program.

6. Clinical Experiences - Clinical experiences may be scheduled during days, evening, and weekends. Students need to be prepared to travel out of the Jersey City area for clinical experiences. Students are required to attend as assigned. Clinical experiences also occur in a variety of settings that require students to travel within and beyond the campus area. Students are expected to adjust personal, family and work schedules to meet clinical assignments.

Clinical Attire and Transportation

All students must adhere to the uniform and equipment policies for all nursing clinical agencies. Students must purchase and wear the official Saint Peter's University Nursing Students' Uniform from the approved vendor. Information can be obtained from the Director of the BSN Program. Students are responsible for providing their own transportation to and from clinical sites.

RN to BSN Program

Requirements for Nursing Major

Degree of Bachelor of Science in Nursing

Nine of the required credits for the major count towards the Core Curriculum Requirements.

The following required courses are typically transferred from pre-licensure program.

PS-151	Introduction to Psychology ¹	3
PS-235	Life Span Development	3
PS-200	Statistics & Research Methods (Core Math)	3
or SO-448	Statistics in the Social Sciences	
BI-161	Basic Microbiology	4
BI-161L	Basic Microbiology Lab	0
BI-171	Anatomy and Physiology I (Core Natural Science)	4
BI-171L	Anatomy and Physiology I Lab	0
BI-172	Anatomy and Physiology II	4
BI-172L	Anatomy and Physiology II Lab	0
SO-121	Introduction to Sociology (Core Social Science)	3
Transfer credit for lower-division nursing courses		30
Upper division nursing courses (31 credits)		
NU-302	Seminar in Professional Nursing	2
NU-303	Seminar in APA Writing for Hlth Science	2
NU-304	Pathophysiology	3
NU-310	Health Assessment	4
NU-330	Care of Families & Aggregates	4
NU-350	Trends and Issues in Nursing	2
NU-390	Intro to Nursing Research	3
NU-420	Community Health Nursing	4
NU-440	Leadership and Management in Nursing	4
NU-450	Nurse/Client Educator (elective)	2
NU-452	Women's Health Issues (elective)	3
NU-495	Special Projects in Nursing Rn-Bsn (elective)	1
Total Credits		87

Special Note on Core Requirements

The Mathematics and Natural Science Core Requirements are satisfied as indicated above. The remainder of the Core Requirements are satisfied by the following courses or transfer credit:

AR-127	Intro to the Visual Arts	3
or AR-128	Intro to Music	
CM-120	(or equivalent English Composition II)	3
Take two approved EL courses		6
HS-121	The Western Tradition	3
HS-200	World Perspectives	3
Modern Language		3
PL-130	Introduction to Philosophy	3
PL-140	Introduction to Ethics	3
TH-110	Religious Faith in the Modern World	3
TH-120	Intro to the Study of Christianity	3

Select one of the following	3
EC-101 Macroeconomic Principles	
PO-100 Perspectives on Politics	
Total Credits	36

Special Notes on Major Requirements

- 1 Applicants wanting to major in nursing will have up to 30 credits in basic nursing transferred in to satisfy the lower division nursing requirement. These credits will be transferred in from diploma and associate degree nursing programs accredited by the National League for Nursing Accrediting Commission or CCNE upon successful matriculation into the Bachelor of Science in Nursing Program.
- 2 Applicants who have earned their nursing diploma and/or degree from institutions outside the United States must submit official course by course Degree Evaluations (with an English translation). **The BSN program will only accept evaluations prepared by the World Education Service, Inc. (WES).** The 30 credits in basic nursing will be transferred in upon successful matriculation into the BSN Program.
- 3 The required science courses, regardless of date taken, may be transferred as long as they were taken for college credit and grades of at least a C earned for these courses.
- 4 A grade of 78 is required in all nursing courses. Any nursing course in which the grade is below 78 must be repeated. If the course is repeated and the grade is below 78, this will be considered a failure for the course and the student will be dismissed from the program. Failure of a second nursing course will result in dismissal from the program. The clinical practica of nursing courses are graded on a Pass/Fail basis. If the student fails the clinical component, he or she fails the entire course regardless of the grade average in the didactic component and a grade of C- will be recorded on the student's transcript.
- 5 If a student enrolls in a nursing course and withdraws, this will count as the first attempt in the nursing course and the student must achieve a grade of 78 or higher the next time the student enrolls for that same course.
- 6 The theoretical application for upper division nursing courses have assignments that are incorporated into the grading for the course. Assignments may include but are not limited to: change projects for the specific unit following an assessment of that environment; observation of family dynamics with resulting diagnoses and plan for appropriate interventions with evaluation; and windshield survey with community education project and follow-up to name just a few examples.

Clinical Requirements

All clinical requirements must be satisfactorily completed before students will be allowed into any application / observation setting. At present, they include the following but are subject to change depending on regulations mandated by the agencies and/or their accrediting bodies. All documents must be uploaded into the student's Certified Credentials account.

- 1 **Current NJ Nursing License or license in state of residence for online students**
- 2 **Actual titer reports** for rubella, rubeola, varicella, mumps showing immunity.
- 3 Proof of Hepatitis B immunity, vaccine (strongly recommended), or signed waiver.
- 4 Negative 2 step negative tuberculosis test within the past 6 months or if positive Mantoux history, chest x-ray negative for tuberculosis within one (1) year.
- 5 **Health Examination** - All nursing students must submit a completed copy of the BSN Health Profile. Applicants to the nursing major must be aware that health clearance will be required prior to the start of every clinical nursing course. Health Profiles are valid for one year. The Health Profile form is available in the School of Nursing Office and all is submitted to Verified Credentials.
- 6 **Liability Insurance** - All students enrolled in clinical nursing courses must also provide evidence of liability insurance. Application forms and information can be obtained from the School of Nursing. Coverage in the amount of \$1,000,000.00/\$6,000,000.00 required.
- 7 **CPR Certification** - All students enrolled in clinical nursing courses must provide evidence of American Heart Association CPR Certification for infant, child and adult, BLS for Healthcare Providers.

- 8 **Criminal Background Checks** - Clinical agencies mandate criminal history background checks for all individuals engaged in patient care and all students must undergo these checks. (Nursing students with a valid NJ Nursing License are not required to undergo additional drug testing.) These checks are conducted by a consumer reporting agency and the information is sent to the University and to clinical agencies. Agency personnel will evaluate the information they receive and, in their sole discretion, make the final determination as to each student's ability to continue to engage in patient care in their agency. If a student is denied clinical placement by any clinical agency due to criminal history that student will be dismissed from the program.
- 9 **Annual flu shot.**
- 10 **Clinical Experiences** - The time, place, and nature of theoretical application varies depending on the learning outcomes of the specific class and student interest. Students are expected to arrange their own transportation for these learning experiences. Some may be scheduled as a result of external determinants and students may need to be flexible with their own time commitments.

General Information

This section contains information related to recognition of student achievement, admission requirements and procedures, student financial aid, and tuition and fees.

Recognition of Student Achievement

Graduation Honors

To be eligible for Bachelor's degrees with distinction, students must be in attendance at the University for three years and must have attempted a minimum of 69 credits at Saint Peter's University, exclusive of Pass/Fail, Prior Learning credits, and CLEP credits; that is, those credits not formally taken at the University for grades. Transfer students must be in attendance for at least two years and earn at least 42 credits at Saint Peter's University. Such distinctions are based on the student's cumulative GPA for the entire academic record. These honors are noted on the student's diploma and transcript. The following minimum GPAs are required for the honors indicated:

- 3.800 *summa cum laude*
- 3.700 *magna cum laude*
- 3.600 *cum laude*

Candidates for the degree of Bachelor of Science in Nursing (RN to BSN Program) may graduate with honors if they have been in attendance at the University for two years and if they have earned a minimum of 39 credits in Saint Peter's University courses with grades other than Pass/Fail. Of these 39 credits, a minimum of 18 must be in nursing courses, exclusive of Pass/Fail.

Candidates for the Bachelor's degree who have transferred to Saint Peter's University with an Associate's degree may graduate with honors if they have been in attendance at the University for at least two years and if they have earned a minimum of 42 credits in Saint Peter's University other than Pass/Fail.

Candidates for the Associate's degree may graduate with honors (*cum laude*) if they have earned a minimum of 30 credits at Saint Peter's University, exclusive of Pass/Fail, Prior Learning credits, CLEP credits, that is, those credits not formally taken at the University for credit, and if they have a cumulative GPA of 3.600 for the entire academic record.

Commencement Awards

Awards are presented each year to graduating seniors who have distinguished themselves in various disciplines. These awards are presented at the Commencement exercises and are noted in the Commencement program.

In addition to discipline-specific awards, awards are given to students based on the division in which their discipline resides and according to the school from which the student is graduating. The University also recognizes a Valedictorian each year as the undergraduate CAS, SBA, SON or SOE student with the highest GPA for courses taken at the University exclusive of Pass/Fail, Prior Learning credits, CLEP credits, or other courses not formally taken at the University for grades. When deciding among students of roughly comparable academic performance, preference may be given to the student who has taken the most credits at the University.

Information regarding the University's Commencement ceremony can be viewed on this page <https://www.saintpeters.edu/commencement/>.

Honors for Scholarship Achievement

Deans' List

In recognition of academic excellence, selected students are named to the Dean's List. The Dean's List is named at the end of each fall and spring term. Fully-admitted degree-seeking students are eligible for consideration if they have earned a GPA of at least 3.500 for the term. To qualify, traditional day students must complete 12 semester credits and SPS students must complete 6 credits in an eight-week term (exclusive of Pass/Fail and developmental courses). Students who receive a grade less than C or a grade of FA will not be eligible for that term. Students with any incomplete or in-progress grades are not eligible until all courses are completed. A notation will be made on the student's academic transcript each time the Dean's List honor is achieved. Students can view their academic transcript on Student Planning.

Michaelmas Awards

Each year Saint Peter's University recognizes the academic achievements of students at the Michaelmas Convocation. The honorees at Michaelmas include students who have been named to the Dean's List, those who

have been awarded Excellence Medals, and seniors whose academic rank in class qualifies them for admission to the Most Noble Order of the Peacock (MNOP). In identifying award recipients for the annual Michaelmas Convocation (Deans' List, Excellence Medals, MNOP Award), credits earned and grade point averages will be based only on data received in the Registrar's Office by the July 1 immediately preceding the Convocation. The Academic Year refers to the fall and spring Semesters in the traditional day student program and the fall and spring eight-week term within a semester in SPS. Credits must be earned at Saint Peter's University or in Saint Peter's University sponsored programs. Pass/Fail and developmental courses may not be included in calculating eligibility for the Dean's List.

Excellence Medals

Gold Medals for first honors and Silver Medals for second honors are awarded to the students who have the highest and the second highest academic average for the past academic year. In determining these awards, students are divided according to year, i.e., Senior, Junior, Sophomore, Freshman. They are also divided according to school (College of Arts and Sciences, School of Business, School of Education, School of Nursing, and School of Professional Studies). Eligibility requirements for these medals include earning a minimum of 24 credits during the previous academic year for a traditional day student, or 18 credits for a SPS student. To be eligible to receive a Senior, Junior, Sophomore or Freshman award, a student, full-time or part-time, must have earned by the end of that year the following total number of credits at Saint Peter's University or in Saint Peter's University sponsored programs:

Award	Credits
Senior award	120 credits
Junior award	90 credits
Sophomore award	60 credits
Freshman award	30 credits

Most Noble Order of the Peacock

The 10 seniors, excluding those from SPS, who have the highest academic averages are admitted to the Most Noble Order of the Peacock, the University's oldest scholarship organization. To qualify as an eligible senior, a student must have earned a total of 90 credits towards graduation by the preceding July 1. At least 80 of these credits must have been completed at Saint Peter's University, or in Saint Peter's University sponsored programs, exclusive of Pass/Fail courses.

Honor Societies

Alpha Sigma Nu

The national honor society of Jesuit colleges and universities is open to juniors and seniors selected on the basis of academic excellence, service to the University and the community, and loyalty to the Jesuit ideal of education. Membership is limited to 4% of a given class. Students must have a minimum cumulative average of 3.5.

Saint Peter's University has chapters of national honor societies which recognize academic achievements in specific fields or disciplines. Students may obtain more information about eligibility requirements from the appropriate department chairperson. The societies and sponsoring departments or programs are as follows:

- **Beta Beta Beta** Biology
- **Sigma Beta Delta** Business Administration
- **Gamma Sigma Epsilon** Chemistry
- **Eta Sigma Phi** Classics
- **Upsilon Pi Epsilon** Computer and Information Sciences
- **Alpha Phi Sigma** Criminal Justice
- **Omicron Delta Epsilon** Economics
- **Kappa Delta Pi** Education
- **Sigma Tau Delta** English
- **Kappa Pi** Fine Arts
- **Alpha Alpha Alpha** First-Generation College Students
- **Alpha Sigma Lambda** SPS Students

- **Phi Alpha Theta** History
- **Pi Mu Epsilon** Mathematics
- **Phi Sigma Iota** Modern Languages
- **Sigma Theta Tau** Nursing
- **Phi Sigma Tau** Philosophy
- **Sigma Pi Sigma** Physics
- **Pi Sigma Alpha** Political Science
- **Psi Chi** Psychology
- **Alpha Kappa Delta** Sociology/Urban Studies/Public Policy
- **Theta Alpha Kappa** Theology
- **Chi Alpha Epsilon** EOF

Honors for Activity Achievement

Order of the Cross Keys

The Order of the Cross Keys is an honor association of outstanding well-rounded students in the traditional day program. The selection committee chooses new members on the basis of academic achievement, superior service to the University community, and character. The committee also selects each year, one faculty member, one staff member, and one administrator for honorary membership in this association. These new members are inducted on the basis of their superior service to the student body and the University community.

Admissions

In compliance with relevant federal and state civil-rights legislation, Saint Peter's University does not discriminate on the basis of race, creed, religion, color, national origin, nationality, ancestry, sex/gender (including pregnancy), age (except where gender or age is a bona fide occupational qualification), affectional or sexual orientation, marital status, civil union status, familial status, domestic partnership status, gender identity or expression, atypical hereditary cellular or blood trait, genetic information, liability for service in the Armed Forces of the United States, or disability in the operation of its educational programs and activities (admission, scholarships and loan awards, access to programs and course offerings, competitive and intramural athletics, counseling, student and other employment, use of facilities, and campus sponsored extracurricular activities).

Admission of Freshmen or First-time University Students

Caulfield School of Education, College of Arts and Sciences, Frank J. Guarini School of Business, and School of Nursing

Admission to Saint Peter's University is based upon the student's demonstrated academic performance, academic preparation, and potential for success in college-level study. Each application is reviewed on an individual basis. Students are expected to be academically prepared for University study.

Completed applications are reviewed, in general, on a rolling basis beginning in September for the spring semester and in November for the fall semester. In some cases, applicants will be held for further evaluation with a faculty review committee. If students have not sent a complete application, the incomplete application will be held until all the necessary documents are received. Finally, some applicants may be required to submit additional information to help with a holistic evaluation; additional materials may include: updated SAT/ACT test scores, senior year grades, or an additional recommendation or personal statement.

Saint Peter's University recognizes and considers students' academic rigor as an important aspect of the admission review process. Students enrolled in Accelerated Honors, Advanced Placement or International Baccalaureate courses, or completing college-level courses through Dual Enrolled programs will be given the appropriate weight for admission consideration. The Admission Office will only consider college-prep course work in the academic areas listed below. Non-dogmatic religion courses, art and music courses will be considered as part of a dynamic Liberal Arts college preparatory curriculum.

Application Type:

Applicants are considered as a Freshman applicant if:

- student is graduating high school in the same year they intend to enroll at the University AND have less than 12 transferable college credits
- or if student is transferring from a post-secondary institution with less than 12 transferable college credits
- or if student has completed high school, in a year other than year of entry, but did not previously enroll and/or attempt post-secondary education.

Saint Peter's University requires freshmen candidates to have the following college preparatory academic units:

- four years of English
- three years of college prep math (Algebra, Geometry, Trigonometry required; pre-nursing students are required to have four years of college prep math),
- two years of history; three total social studies
- two years of a foreign language
- three years of science (two of which should be lab sciences.)*
- Pre-nursing students must have the following science courses: laboratory based biology, laboratory based chemistry, physical science (i.e. Earth Science), any advance level science (physics, anatomy and physiology, Honors/AP level of previously taken science), and
- three (minimally) additional units in any combination of the subject areas listed above.

In exceptional cases, the Committee of Admissions may waive certain unit requirements when the quality of the applicant's overall record shows promise of success in college-level study.

NOTE: High school elective coursework, and non-college prep coursework, will be considered in the overall admission decision but may not be calculated in the cumulative GPA considered for admission.

To satisfy general admissions requirements, the complete freshman application file must include:

- a completed application (online or paper based form)
- an official high school transcript, recommend including senior year grades (official college transcript for any college-level coursework attempted and/or completed). Applicants who have completed General Education Diploma must have official test results sent along with documentation of any high school attempted/completed
- official SAT or ACT test scores (see information about test optional policy below)*; test of English proficiency may be required for some students who have been studying in the U.S. for less than two years and for whom English is not the first language or spoken at home
- two letters of recommendation (school counselor form and a teacher recommendation)
- personal statement (written statement)

The above may be waived at the discretion, or direction, of the Vice President of Enrollment Management and Marketing or Executive Director of Admissions (or equivalent leadership title.) However, omission of any of the above information may have an impact on admission.

Freshmen applicants interested in the **Bachelor of Science in Nursing** will apply to SPU as Nursing majors and will be evaluated based on the following criteria:

- minimum of two college-prep lab based sciences (Biology and Chemistry) and a total of three years of college preparatory science; four years of college preparatory science strongly recommended
- minimum of three years of college preparatory math (Algebra I and II, Geometry) and a fourth year of college preparatory math strongly recommended
- selective consideration is based on overall cumulative grade point average, but student performance in the math and sciences is reviewed independently; a cumulative GPA of 3.0 strongly preferred
- SAT or ACT test scores (optional)

Students not meeting these criteria will be evaluated, however, consideration will be given to those whose academic record reflects the greatest level of student preparedness. Applicants not meeting the criteria for Nursing may be offered admission into alternative choice majors, or an undeclared-nursing track. Students will be given the opportunity to apply to Nursing after their first-year from the undeclared-nursing track, but are not guaranteed admission.

Students admitted upon review of application to the Nursing program will be required to meet first-year progression criteria in order to continue to the second year Nursing program. Advancement to the sophomore year, and the BSN degree program is not a guarantee. (See School of Nursing section of the catalog for progression requirements.)

Test Optional Policy

For admission to Saint Peter's University, an undergraduate freshman applicant is not required to take a standardized test. Our test-optional admission policy enables undergraduate, first-year applicants to choose to not submit SAT or ACT scores with their application. Students who elect to apply to the University without submitting either a SAT or ACT score report will be evaluated on other factors including: academic achievement, academic rigor, motivation, and potential for success at the collegiate level.

A specific cohort of programs and scholarship applications will still require students to submit SAT/ACT scores for consideration unless otherwise approved to be waived by the Vice President or Assistant Vice President of Enrollment Management. The programs and scholarships include:

- Candidates for high merit scholarships
- Applicants for pre-professional join programs
- Home-schooled students

Saint Peter's does not require submission of standardized test scores as part of the admission decision process but may request students' scores for other enrollment needs. If a student chooses to enroll at Saint Peter's and took the SAT/ACT, the University will ask for the test scores to be submitted. The scores will only be used for placement testing and to study the success of the test-optional policy. If a student did not take the SAT/ACT tests, he/she will be required to take all placement exams issued by the University when preparing to enroll.

Accelerated BSN Program

The Accelerated BSN program is offered to candidates holding a Bachelor degree (degree must be conferred prior to enrolling) in another discipline but who wish to earn a Bachelor of Science, Nursing degree. This program is designed as a cohort based program, 15 months continuous enrollment (fall-spring-summer-fall) to completion. Fall term admission only.

Application Requirements

- Official Application (Apply online or request an application by phone or mail.) (<https://admissions.saintpeters.edu/apply/?sr/4dd2c3da-200e-4964-9e82-84df2255405d>). February 1st application deadline for fall enrollment
- Official transcripts* from all prior nursing schools/colleges/universities attended

Academic Prerequisites:

- Bachelor's degree from accredited college/university
- 3.0 cumulative GPA
- B or greater on prerequisite science courses
 - Biology with lab
 - Human Anatomy & Physiology I with lab
 - Human Anatomy & Physiology II with lab
 - Microbiology with lab
- Satisfactory results on the TEAS Exam (78% or higher)
- Minimum C+ or greater on all other prerequisite courses
 - One of the following:
 - Psychology – Introduction to Psychology or
 - Sociology – Principles of Sociology
- Admissions deposit and enrollment commitment.

*A Provisional admission decision may be processed using unofficial copies of transcripts. Official transcripts must be submitted to the Office of Admissions or the University Registrar to transition from a provisional to fully admitted student. A hold will be placed on your record until the official transcript is received. Provisional students are permitted to enroll in a maximum of 12 credits before they must submit an official transcript. Provisional students that attempt to enroll once the 12 credit maximum has been reached will be denied enrollment until an official transcript is submitted.

Alternative Admission Programs and Transition to College Opportunities

Early Admissions

In exceptional cases, students who have met the requirements for earning their high school diploma upon completion of the junior year of high school may apply for admission. Students must submit a letter of support from their parental guardian and from either their high school principal or guidance counselor. Students interested in Early Admission may be required to meet for an interview prior to the final admission decision.

Academic Success Program (ASP)

ASP is designed to give students who do not meet the general admissions criteria previously outlined, but show great promise for success with college-level work. Students are admitted to the University and specifically to the Academic

Success Program. Students are invited to a pre-college Summer Academy, in an effort to introduce students to college success skills. This program is not credit-bearing. In addition to the benefits of Summer Academy, students are enrolled in ASP sections of core Liberal Arts classes and participate in supplementary mentoring and study skills sessions. Upon successful completion of the first year, students will complete the Academic Success Program and receive advising for transition into an academic degree program. Students are not eligible to transition into the BSN program.

Educational Opportunity Fund Program (EOF)

The program offers access to higher education to students who meet the academic and financial guidelines established by the State of New Jersey and Saint Peter's University. Eligible students will receive financial and academic support services. Students are required to attend a summer program prior to their first semester as full-time freshmen. Students will have the opportunity to earn three (3) college credits during this time. Interested applicants must be New Jersey residents and should apply first for admission to Saint Peter's University through the Office of Admissions. Students admitted to Saint Peter's will then apply to EOF. Admission to the University does not guarantee admission to EOF.

TRIO (SSS) E.D.G.E. at Saint Peter's University

The Student Support Services (SSS) at Saint Peter's helps low-income and first-generation students to stay in college until they earn their Bachelor degrees. The program also serves students who are disabled. All students receive tutoring; counseling and if needed remedial instruction. TRIO (SSS) offers participants a comprehensive four-year program, entitled the E.D.G.E. (Engage, Discover, Gain Experience, Excel), that features results-oriented services and activities to help increase retention and graduation rates.

Accelerated College Experience (ACE) and ACE Dual

ACE is designed to enrich the educational development of academically talented high school juniors and seniors by offering these students the unique opportunity to earn up to 12 college credits for advanced course work completed at their high schools. Saint Peter's University has evaluated select courses in certain high schools and has approved the faculty, syllabi, and textbooks for college credit. All high school teachers participating in ACE have earned advanced degrees and have received special adjunct faculty status from the University for this program. To inquire whether your school participates or to recommend your school join the ACE program connect with your Guidance Office.

ACE Dual is designed to offer the opportunity for high achieving high school students to take college courses beginning their sophomore year to ultimately graduate with both a high school diploma and an Associate of Arts or an Associate of Science degree from Saint Peter's University. Students in the dual enrollment program will have the benefit of an early college experience as they will have access to all of the facilities and resources available to a traditional Saint Peter's student.

Admission of Transfer Students

Students who have attended regionally-accredited two-year or four-year colleges or universities may apply to the University as transfer students. In order to qualify for advanced standing, applicants must have a cumulative GPA of 2.0 or better. However, admission is selective and the quality of previous college-level work attempted and completed will be taken into consideration for the final admission decision.

In some cases, transfer candidates may be invited to an Alternative Admission Program, like Academic Success Program in order to meet the academic standards and expectations for success in their intended program of study. In these cases, students will be required to complete the Summer Academy and meet all satisfactory academic progress requirements.

Transfer credit is granted for all previous college-level courses corresponding to courses offered at Saint Peter's University for which a minimum grade of C was earned. Additionally, other types of advanced credit like Advanced Placement and CLEP will be reviewed for possible credit equivalency. All final decisions regarding course equivalencies and credit transfer are made by the appropriate dean of the school or college the student is applying to within the University.

The maximum number of credits a student may transfer from a two-year college is 66 credits. Upper-division courses (numbered 300 and above) may not be taken at a two-year college. The maximum number of credits that may transfer from a four-year institution is 90. The last 30 credits of the degree must be completed at Saint Peter's

University. In addition, at least one-half of the major and minor credits must be completed at Saint Peter's. Credit courses from institutions with other than regional accreditation are evaluated on a case-by-case basis. Credit may be awarded according to recommendation of the American Council on Education.

Application Type:

Applicants are considered transfer students if:

- students previously and/or currently enrolled, part-time or full-time, in community college, college, or university with 12 or more transferable credits
- or students who have previously completed an Associate's degree at a regionally accredited college or university
- or students who have previously completed a Bachelor's degree and are applying to the Bachelor of Science in Nursing program

Candidates applying for admission to the University with advanced standing must submit:

- an official application
- official transcripts* of all previous college work from each institution attended
- course descriptions may be required for course evaluation

Students with fewer than 12 transferable credits are required to submit an official high school transcript and SAT or ACT test scores. (students who have not previously taken standardized test scores or test scores five years or older will not be required but may be required to submit a personal statement.)

*Provisional admission decision may be processed using unofficial copies of transcripts, but official versions must be received in order to be fully admitted to the program. Students will have within their first 12 credits to submit all outstanding official transcripts to the Office of Undergraduate Admission. A hold will be placed on the student account that will prevent registration beyond 12 credits if not received.

Transfer Admission to the BSN Nursing Students

Transfer applicants wishing to be considered for the generic BSN Nursing Program are selected based on a combination of criteria including, but not limited to, pre-requisite course work, academic performance in general, and academic excellence in required courses. Space in upper-level Nursing is limited, and ability to receive new students is evaluated annually.

Students should present a minimum GPA of a 3.0 or higher. Pre-requisite courses must be completed prior to matriculating into the program; students in progress of course work may present mid-term grade reports during the admission process, but will be required to show final grades for enrollment. Additionally, transfer students must complete the TEAS V test with a score of at least 78%. Students in progress of completing the TEAS V but have met all other admission selection may be conditionally admitted however, final TEAS V results must be received prior to matriculation. Transfer applicants will be evaluated holistically using all admission material submitted.

NOTE: Students transferring from other Baccalaureate Nursing programs are required to have a B- (2.7) or higher cumulative grade point average. Students may not transfer into the BSN program from another Saint Peter's University program.

Pre-requisite coursework for the Generic Nursing Program (year one or year two) include:

- Biology with B or better
- Chemistry with lab with a B or better
- Anatomy and Physiology I and II with lab and C+ or better. B- or better strongly recommended.

NOTE: Science coursework must not be more than five years old from time of enrollment

- Liberal Arts curriculum requirements include, but may not be limited to:
 - English I and II (Composition and Literature)
 - College level Mathematics (College Algebra and Statistics)
 - History, Psychology (Developmental) and Sociology
 - Philosophy and Ethics

- Students are required to take the TEAS V skills assessment test with a score of 78% or higher (no more than two attempts)
- Students applying from other nursing programs may not have any failing grades, nor have been expelled from the Nursing program

Students applying to the University's upper-division RN-BSN Nursing Program leading to the degree of Bachelor of Science in Nursing must submit additional materials; please contact the Office of Admission for information about additional criteria.

Transfer Admission to Caulfield School of Education

Transfer applicants wishing to be considered for the Caulfield School of Education will be evaluated based on previous college-level coursework and achievement. The following criteria is based on the New Jersey state certification board and are required in order for the student to receive licensure and certification. Students may be admitted to the Caulfield School of Education but must maintain, and complete, these requirements to meet state standards for certification.

Enrollment criteria include:

- Cumulative grade point average of 3.0 or higher: students must maintain a 3.0 or better once enrolled.
- Successful completion of either ED-160 (Education and School in Multicultural Society) or ED-170/ED-203 (Child and Adolescent Psychology or Educational Psychology.)
- Students must also complete an entrance interview with, and receive a recommendation from, a School of Education faculty member.
- Complete and pass Praxis I Core Exam.

Students will have until the end of the first semester of enrollment to meet these standards. Inability to meet the requirements will result in the student being advised into another program of study within the University.

Transferring to Saint Peter's University Honors Program

Students who wish to be invited to the Honors Program must have a cumulative grade point average of 3.5 or higher. Students will be invited upon acceptance to the University and after consultation via interview with the Honors Program Director.

Transferring to Saint Peter's University EOF Program

Transfer students who wish be considered for EOF at Saint Peter's University must have participated in the EOF Program at the previous institution. Applicants must first proceed through the application proceed through the application for admission. If admitted to the University, students can then submit an application for EOF.

NJ Community College Partnerships and Transferring to Saint Peter's University

Saint Peter's University holds several New Jersey Community College partnerships to assist students enrolled in Associates degree and who wish to transition to a Bachelor degree program. The University continues to add partnerships for admission with benefits like generous scholarship incentives, internships and career preparation opportunities. To find out more about partnerships and agreements please contact the Office of Admission at 201-761-7100 or visit our transfer admission page of the website at www.saintpeters.edu/transfer/. Saint Peter's is a member of NJTransfer.org.

Admission of International Students (Freshmen and Transfer)

Application Process

The Admission Committee will review completed applications thoroughly, and will consider academic achievement, difficulty of curriculum, standardized test scores, personal statement/essay, letters of recommendation, and extracurricular involvements. Undergraduate applicants must show evidence of achieving the equivalent of a high school diploma in the United States. Transfer applicants must show the equivalency of university-level study appropriate for pursuing a Bachelor's degree in the United States.

Application Type:

- International applicants are any student applicant who does not hold U.S. Citizenship nor permanent resident student status.

International Applicants (freshmen and transfer) must submit material in addition to what is required above:

- Official transcripts in original language with English language translation/evaluation (if applicable). Transfer students are required to submit a course-by-course evaluation of courses taken at the post-secondary level outside of the United States from a NACES approved evaluation service; transfer students applying to Nursing must use the World Education Service (WES) evaluation services.
- Official copy of TOEFL, or IELTS if English is not the student's native language; students may also provide evidence of English proficiency with a minimum of 450 or higher on the SAT Critical reading (or equivalent on the ACT).
- All applicants seeking an F-1 student visa are required to submit an affidavit of financial support with proof of funding. Contact the Office of Admission for more information.
- Copy of main passport page.

Additional Information about evaluating International Applications

Evidence of Educational Experience

To evaluate educational background fairly and accurately, the University needs specific information about a prospective student's schooling and examination/test results. All official documents must be submitted directly from the appropriate issuing institution(s) to Saint Peter's. These documents must list courses taken with credits, points, or hours per course and grades awarded, and must specify any educational degrees, certificates, or titles awarded. These documents must bear the original seal or stamp and the signature of an official of the issuing institution followed by a certified English translation (if applicable). Applicants can utilize their local EducationUSA office for assistance in verifying documents. Any documents received from an EducationUSA officer or directly from the issuing educational institution office are deemed as original documents.

Examination results and score reports must be sent directly from the testing/examination authority to Saint Peter's. Examples of such examinations are the TOEFL, IELTS, SAT, ACT, or completion of an approved language level at one of the University's ESL partner institutions. Please visit www.saintpeters.edu/international for minimum testing requirements. Certified copies may be accepted while we wait for originals.

The University asks that applicants provide explanation(s) on a separate sheet of paper if they have had additional years of schooling or if education differs from the requirements for admission to the major institutions of higher learning in the applicant's home country.

Saint Peter's University reserves the right to verify all submitted documents with the issuing institution. Applicants may be asked to provide further proof of your educational history.

Personal Statement/Essay

Applicants are asked to write a personal statement, as part of the application process, of at least one page (500 words). The questions can be found within the international student application.

Letters of Recommendation

Letters of recommendation should be sent by the applicant's school guidance counselor, headmaster, English teacher, teacher of choice, and/or community volunteer supervisor. Forms for the recommendation are included with this application but may be substituted with a written letter on school or company letterhead.

Notification of Admission Status

Applications are reviewed after receipt of a completed application packet and supporting documentation. If any portion of an application packet needs further action the University will notify the applicant via e-mail. As soon as the application is complete, an admission decision will be made, and applicants will be notified by the Admission Office and the decision will be posted to the students online application portal. The Admission Office is the only office authorized to notify international students of their acceptance to Saint Peter's. Depending on where an applicant

lives, they can expect an admission decision on a completed application within three weeks after receipt of ALL application materials.

International Student Application Deadlines

It is recommended that applicants submit a completed application packet at least three months before the semester in which they wish to enroll. In order to process an application for admission in a timely manner, the following deadlines have been established:

Fall Semester.....August 1; one month prior to the starting term

Spring Semester.....December 1; one month prior to the starting term

The University may consider completed applications received after the specified deadline as time permits.

F-1 Status (Student Visa)

International students are permitted to study in the United States if they meet U.S. Immigration and Naturalization Service requirements. An F-1 visa to enter the U.S. is issued only to students who: a.) present evidence of regular admission to a full-time course of study in the U.S.; b.) have financial support for the entire period of study in the U.S.; and c.) intend to return to their home country once studies are completed.

The U.S. embassy or consulate in a student's area will be able to provide the specific requirements for applying for an F-1 visa from the home country. To be eligible for an F-1 visa, students must present a Certificate of Eligibility (Form I-20 A-B) issued by the U.S. institution at which they plan to study. Saint Peter's can issue Form I-20 only to those students who meet all admission requirements as specified in this application packet. Students currently on F-1 visas can be issued an Intent to Transfer form.

Documentation for Travel from *Outside* the U.S.

Students will be mailed the Form I-20 with their acceptance letter. Students will present this form, along with supporting documentation, to the U.S. embassy or consulate in their area. Students must have a valid passport issued by their home country for the visa application process and pay any necessary processing fees. Collecting documentation and scheduling appointments to complete the visa application process may cause unexpected delays. Therefore, it is recommended that students complete and submit the application packet to Saint Peter's at least three months prior to the semester in which they plan to begin studies. Early submission should allow ample time to receive the Form I-20, meet with U.S. consular officers, and make travel arrangements.

Documentation for Travel from *Inside* the U.S.

Upon a student's acceptance, they will be mailed a Transfer Authorization Form (to be completed by the designated official at the student's current institution) to verify the F-1 status. Students who will come to Saint Peter's from within the United States will be issued a Form I-20 after the transfer process has been completed. If students plan to return to their home country, or travel outside the U.S. before coming to Saint Peter's, the student must notify the Saint Peter's University international student advisor of their intentions at least three weeks prior to departure from the U.S. so appropriate arrangements can be made and documentation can be prepared for the student to reenter the U.S. Applicants in any status other than F-1 will be sent further instructions for status change if necessary.

Admission of Veterans

All veterans who were students in good standing at Saint Peter's University before entering the service will be readmitted if they apply in due time before registration. Veterans who have not previously attended any institution of collegiate rank should follow the admission procedures for new students. Veterans who have attended another institution and wish to transfer to the University should follow the admission procedures for transfer students.

Credit for formal service courses and schools, when granted, is based on the recommendations described in *A Guide to the Evaluation of Educational Experience Gained in the Armed Services*, published by the American Council on Education. Credit also is granted for college courses sponsored by the University of Maryland and made available to service members.

Veterans who are eligible to receive tuition benefits from the Veterans Administration should file the necessary forms.

Saint Peter's University participates in the Yellow Ribbon program. After the Post 9/11 G.I. Bill benefits are applied, the University will match the 50% Yellow Ribbon contribution towards the tuition balance.

In accordance with Title 38 US Code 3679 subsection (e), this Saint Peter's University adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. Saint Peter's will not:

- Prevent the students enrollment;
- Assess a late penalty fee to;
- Require student secure alternative or additional funding;
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision, such students may be required to:

- Provide Chapter 33 Certificate of Eligibility (or its equivalent) or for Chapter 31, VA VR&E's contract with the school on VA Form 28-1905 by the first day of class. Note: Chapter 33 students can register at the VA Regional Office to use E-Benefits to get the equivalent of a Chapter 33 Certificate of Eligibility. Chapter 31 student cannot get a completed VA Form 28-1905 (or any equivalent) before the VA VR&E case-manager issues it to the school.
- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies.

Students with Disabilities

Students with learning disabilities may be admitted to Saint Peter's University provided they meet the University's standard requirements for admission. **Saint Peter's University does not offer a comprehensive program for students with learning disabilities.** However, accommodations will be made whenever possible. For more information, please refer to the section on Academic Policies and Regulations.

All admission criteria, policies and procedures are held with respect to success for student enrollment and transition.

However, any policy and criteria may be adapted given force majeure factors. In addition, the Vice President or Assistant Vice President for Enrollment Management and Marketing (or equivalent leading title role) may waive criteria with discretion.

Student Financial Aid

Basic Information About Student Financial Aid

The Student Financial Aid Office at Saint Peter's University is committed to helping students and their families afford a quality, Jesuit education. The University assists students in obtaining the financial resources for education, which include scholarships, grants, loans, and work-study programs.

To receive the fullest consideration for all forms of financial assistance - federal, state, and institutional aid - students must file the Free Application for Federal Student Aid (FAFSA).

In order to allow time for processing applications and to receive the fullest consideration for all available financial aid, students should submit applications prior to April 15.

Estimated College Expenses

The amount of money needed to attend college, including tuition, fees, books, transportation, housing, meals, and personal expenses, is the college budget. If the college budget is greater than a student's family contribution, the difference is that student's financial need.

Current cost of attendance information can be obtained from the Office of Student Financial Aid and the University website.

Application Procedure

To apply for financial aid, students must file the Free Application for Federal Student Aid (FAFSA) in order to be considered for federal, state, and Saint Peter's financial aid. Students should write in "Title IV Code 002638 Saint Peter's University, 2641 Kennedy Blvd., Jersey City, NJ" in the appropriate section of the FAFSA. The FAFSA should be completed online at www.fafsa.ed.gov. For renewal Tuition Aid Grant students, the FAFSA needs to be processed prior to April 15 prior to the beginning of the fall term.

Students should contact the Office of Financial Aid, located in Enrollment Services for the most current filing procedures as the application process may change from year to year. Applications are also available in high school guidance counselors' offices and public libraries. Students are encouraged to apply by March 15th for the fullest consideration of all forms of aid.

Continuation of College-Awarded Scholarships and Incentive Awards

Students who have been awarded merit based scholarships are expected to maintain superior academic standing. Students who do not achieve scholarship-level performance may forfeit their awards. All awards require the maintenance of Satisfactory Academic Progress; some require a minimum cumulative GPA of 3.000.

Additional Information

In addition to the information contained in this catalog, several other brochures available at the Saint Peter's University Financial Aid Office contain pertinent financial aid information, including federal, state, and institutional assistance. Students have the right to obtain such information. Students also have the right to appeal financial aid awards by writing to the Scholarship Appeals Committee through the Director of Student Financial Aid. Students receiving financial assistance must be in good standing and must maintain satisfactory progress in their course of study.

Students should contact the Student Financial Aid Office for additional information regarding the University's refund and repayment policy, award packaging policy, satisfactory academic progress, rights and responsibilities of student aid recipients, or any terms and conditions regarding financial aid awards. Such policies and statements may vary from year to year and are very lengthy and technical in nature. As such, the full version of this information is available to students in the Enrollment Services Center upon request.

Satisfactory Academic Progress

In order to retain eligibility for federal, state, and most institutional financial aid, students must maintain satisfactory progress (referring to the completion rate and GPA) in their academic program. The definition of satisfactory progress

was formulated to meet the minimum standards mandated by both the Federal Government and the State of New Jersey.

Financial Aid Probation

Students who are placed on Academic Probation (see “Academic Standing”) will also be placed on Financial Aid Probation. Students will be informed in writing that their eligibility for federal, state, and most institutional aid is in jeopardy. This probationary status will remain in effect until either the student meets the requirements for good academic standing or the student’s cumulative GPA or percentage of credits completed places the student into Financial Aid Suspension (see below).

Financial Aid Suspension

Students will be ineligible for federal, state, and most institutional aid when their academic progress fails to meet either the Attempted Credits and GPA Assessment or the Attempted Credits and Completion Rate Assessment.

Attempted Credits and GPA Assessment

Attempted Credits	Minimum Cumulative GPA Needed
24-47	1.500
48-71	1.800
72-95	1.900
96+	2.000

Attempted Credits and Completion Rate Assessment

Attempted Credits	Completion Rate
24-47	50%
48-71	54%
72-95	58%
96-119	62%
120-180	67%

The completion rate is calculated as the number of passed credits (remedial and college-level credits for which a student earned a passing grade) divided by the number of attempted credits (the total of earned credits, remedial credits, and credits for which a student has received a grade of WD, F, FA, IC, IT, or IP). Courses dropped during the published 100% refund period and audited courses are not treated as attempted or earned credits. For courses that have been repeated, attempted and earned credits for all occurrences are included. For transferred courses, credits accepted will be included in attempted credits only for the purpose of determining placement in the chart above.

Regardless of cumulative GPA and completion rate attained at any time, students will be ineligible for federal, state, and most institutional financial aid when their total credits attempted exceed 150% of the credits required for their program.

Progress will be monitored at the end of the spring term by the appropriate academic dean. Students not meeting satisfactory academic progress may regain their satisfactory status during subsequent academic terms without the benefit of student financial aid. Prior to reinstatement of financial aid, the academic dean will determine if the completion rate and GPA are sufficient to consider the student as once again making satisfactory progress. Students who have been judged not to be making satisfactory progress may appeal that judgment to the Director of Financial Aid and the dean. Appeals may be granted due to serious illness, severe injury, or the death of a relative and must be submitted in writing no later than one month after notification of the deficiency. Appeals may be granted one time under these circumstances only if it is possible for a student to mathematically meet the qualitative and quantitative program requirements within 150% of the published length of the program.

A degree audit is performed for any student who changes programs or pursues an additional major. If a student has exceeded the maximum time frame based on total attempted credits, including transfer credits, additional time to attempt the remaining credits required for completion may be granted if courses already taken are not applicable to the new programs or if additional courses are needed to earn an additional major.

Saint Peter's University Scholarships and Grants

Academic Awards

During the admission process based on GPA and SAT scores students will be considered for academic scholarships which range from \$9000 to full tuition.

Saint Peter's University Grants

These awards, which vary in amount, are awarded on the basis of financial need. Students must file the Free Application for Federal Student Aid (FAFSA) for consideration.

Athletic Scholarships

These scholarships are awarded for men's and women's varsity sports through the Athletic Department on the basis of athletic ability and academic qualifications in accordance with the NCAA regulations.

University Work-Study Program

Part-time employment opportunities which provide financial assistance to enable students to meet educational expenses.

Federal and State Financial Programs

Award values may be altered as a result to changes in legislation of appropriations.

Federal Pell Grants

Grants of up to an estimated \$6,345 per year. These grants provide a foundation for many financial aid packages. Eligibility for those grants is extended to half-time students.

Federal Supplemental Educational Opportunity Grants (SEOG)

These grants are for undergraduates with exceptional financial need; priority is given to Pell Grant recipients.

Federal Work-Study Program

Part-time employment opportunities which provide financial assistance based on need and can be combined, as far as feasible, with loans or grants to the extent necessary to enable students to meet educational expenses.

Governors Urban Scholarship Program (State)

The Governor's Urban Scholarship Program provides a Merit Award to High-Achieving students who reside in New Jersey's 14 designated high-need communities encouraging these students to pursue their higher education in N.J. Students eligible for the award will receive \$1,000 per academic year.

New Jersey Tuition Aid Grants (State)

Grants of up to \$13,196 per year to eligible students; based on the extent of financial need.

Educational Opportunity Fund Grants (State)

Grants of up to \$2,750 per year to students with exceptional financial need from educationally disadvantaged backgrounds.

New Jersey Student Tuition Assistance Reward Scholarship II (State)

Grants of up to \$2,500 per year to students that enables successful NJ STARS scholars to transfer to a New Jersey four-year public or non-public college or university and earn a bachelor's degree.

Federal Stafford Loans (Subsidized and Unsubsidized)

Long-term delayed repayment loans for qualified students. These need-based loans, when added to the financial aid/resources and the expected family contribution, may not exceed the total cost of education for that academic year. A needs analysis test is required and applicable loans are multiply disbursed according to enrollment.

Federal PLUS Loans

PLUS loans may be applied for by parents of dependent students for up to the cost of attendance and are not based on financial need.

Tuitions and Fees

University tuition and fees are reviewed annually by the Board of Trustees in relation to projected operating costs. The Board of Trustees reserves the right to increase tuition and fees prior to the expiration of this General Catalog.

Current tuition and fees can be found on the University webpage at <http://www.saintpeters.edu/enrollment-services/student-accounts/tuition-and-fees/>

Guidelines For Flat-Rate Tuition - Traditional Day Students

Overload Tuition (per credit in excess of 18 semester hours, Fall & Spring Semesters) \$595

The full-time undergraduate tuition for the fall semester includes a minimum of 12 credits and a maximum of 18 credits, in total, taken during the fall semester (day) and Fall trimester (evening). Credits in excess of 18 will be charged the Overload Tuition Rate, whether taken in day, evening or trimester. The full-time undergraduate tuition for the spring semester includes a minimum of 12 credits and a maximum of 18 credits, in total, taken during the spring semester (day) and the spring trimester (evening). Credits in excess of 18 will be charged the Overload Tuition Rate, whether taken in day or evening.

The section on Academic Policies and Regulations describes the regulations governing the number of credits a student may register for in any given semester. The regulations are based on a student's academic record and performance, such as the number of credits the student has already taken, the student's GPA, and whether the student is on probation or suspension.

Any courses dropped after the 100% refund withdrawal date will be considered part of the overall Flat Tuition Rate.

Part-time traditional day students pay the traditional day student rate for all credits, whether taken in the day or evening. Traditional day students taking summer classes will be charged the Summer Session Tuition Rate.

Dropping or Withdrawing From Courses

Any student wishing to withdraw from the University or obtain a leave of absence must secure and complete the Leave of Absence/Separation Form (https://docs.google.com/forms/d/e/1FAIpQLSf1TP9Cd1Yv0ZrjipKxqMCObandahmWMzfo-xFtJ_yZ_hp3G9w/viewform?gxids=7757). Students withdrawing from the University for any reason after the start of any term will receive refunds according to the University's refund schedule. Overload credits dropped after the end of the add/drop period for the semester are subject to Overload Tuition, less refunds, in accordance with the University's refund schedule.

Students who have registered as full-time students and who subsequently drop courses and thus become part-time students will be responsible for paying the higher of: a) full-time tuition less the refund they would receive if they had withdrawn completely from the University or b) the per-credit part-time tuition for the courses in which they remain enrolled.

For scholarship students, any courses dropped after the add/drop period are counted toward their credit limit as stated in the letter of award.

Payment of University Costs

Upon the decision to enroll at the University, freshmen will be required to make a non-refundable deposit which will be applied as a credit toward the first term's bill for tuition and fees. If the student fails to register and attend classes, the entire deposit shall be forfeited.

All University costs are payable in full before the date stated in the Academic Calendar (<https://www.saintpeters.edu/academic-calendar> (<https://www.saintpeters.edu/academic-calendar/>)) first day of class for each term. It is recommended that payment be made by ACH/direct debit from a personal bank account or credit/debit card to Saint Peter's University through the Student Payment Center. For more information please visit: <https://www.saintpeters.edu/enrollment-services/student-accounts/>

In addition to paying University costs by ACH/direct debit from a personal bank account or credit/debit the following optional methods may be available. Please contact the Enrollment Services Center for a detailed description of the optional methods.

1. Students may use their own credit cards (VISA, MasterCard, Discover or American Express) for payment of University costs by opting for Saint Peter's monthly installment plan. For semester students, a five-month plan is available and for trimester students, a three-month plan is available. In the winter and summer, a two payment due plan is available.
2. If students wish to pay University costs with a parent's or relative's card, the owner of the card must be present and set up as an authorized user in the Student Payment Center. For more information, please visit: <https://www.saintpeters.edu/enrollment-services/student-accounts/> (<https://www.saintpeters.edu/enrollment-services/student-accounts/>)

The Trustees of the University do not permit any office to send any letter of recommendation, or the Registrar's Office to issue a degree, diploma, academic transcript, or scholastic record until all financial obligations have been satisfied.

Institutional Refund Policy - Tuition and General Fees Related to Schedule Changes During Add/Drop Period

Students wishing to adjust their schedules may do so without penalty during the first week of classes. They may add or drop classes only with the approval of their advisors. Any charges made for tuition and fees for courses officially dropped during this period will be refunded at 100%. All fees will be refunded only within the 100% refund period in accordance with the University Refund Policy. After the 100% refund period has ended, all registration and course fees are non-refundable. A reduction in the number of courses carried may result in a reduction in the level of financial aid. Please consult with the Student Financial Aid Office, if you have questions. No financial adjustment is made for courses dropped after the fourth week of the term. Exception to this is the intersession and summer sessions. See charts below. This policy does not apply to withdrawals or leaves of absence (Students are not permitted to drop all courses without withdrawing or taking a leave of absence).

Institutional Refund Policies - Tuition and General Fee Refund Policy Related to Withdrawal/Leave of Absence

The University's refund policies for students withdrawing or taking a leave of absence are described in the paragraphs below. This policy is applicable to an individual student and is determined by the particular circumstances of the student, including the timing of the withdrawal/leave of absence, and whether or not the student is a participant in a federal or state financial assistance program. No refund is paid to any student who is suspended or required to withdraw, or who leaves voluntarily without first securing the written consent form (Withdrawal or Leave of Absence) from the Center of Academic Success and Engagement (CASE), getting the required signatures, and submitting the completed form.

Students Not Receiving Federal or State Aid

Students who take a leave of absence or withdraw for any reason during the first four weeks of the semester or trimester, are entitled to a prorated refund of certain institutional charges (see list of refundable institutional charges below). Prorated charges are based upon the date of actual withdrawal (as determined by the University in accordance with the withdrawal/leave of absence procedure) according to the following schedules.

Fall and Spring Semesters: Withdrawal Date Percentage Refund

Withdrawal Date	Percentage Refund
First Week of Semester including last day of add period	100%
Second Week of Semester	75%
Third Week of Semester	50%
Fourth Week of Semester	25%
After the fourth week of class	0%

Fall Spring Quad Semesters: Withdrawal Date Percentage Refund

Withdrawal Date	Percentage Refund
First Week of Quad Semester including last day of add period	100%

Second Week of Quad Semester	50%
After the second week of class	0%

Intersession: Withdrawal Date Percentage Refund

Withdrawal Date	Percentage Refund
Up to & including the 2nd day of the term	100%
Up to & including the 4th day of the term	50%
Beyond the 4th day of the term	0%

Five-week and Six-week Summer Sessions: Withdrawal Date Percentage Refund

Withdrawal Date	Percentage Refund
Up to & including the 3rd day of the term	100%
Up to & including the 6th day of the term	50%
Beyond the 6th day of the term	0%

Ten-week Summer Sessions: Withdrawal Date Percentage Refund

Withdrawal Date	Percentage Refund
Up to and including the last day of add period	100%
During the second week of term	75%
During the third week of term	50%
During the fourth week of term	25%
After the fourth week of the term	0%

Refunds of Federal and State Aid

When a student takes a leave of absence or withdraws from the University, federal and state regulations may require the University and/or the student to return a portion of the aid received as described below.

Federal Title IV Refund Policy

When a student takes a leave of absence or withdraws before completing 60% of the enrollment period, federal regulations require the University and/or the student to return that portion of federal aid funds which has not been earned. This is calculated as follows:

1. The percentage of federal aid earned is calculated by dividing the number of days of the enrollment period completed by the total number of days in the enrollment period.
2. The amount of federal aid earned is calculated by multiplying the percentage of federal aid earned by the amount of federal aid that was disbursed plus the amount of federal aid that could have been disbursed. (Please note that funds that have not met the requirements for disbursement will not be disbursed to the student).
3. The student is entitled to keep all earned federal aid which has been disbursed and is entitled to receive a post-withdrawal disbursement of all earned federal aid could have been disbursed.
4. All other federal aid will be returned or canceled.

Refunds of State Aid

When a student withdraws and receives a refund of Institutional Charges, state regulations require the return of a percentage of state aid received. This is calculated as follows:

1. Determine the percentage of total aid that is state aid by dividing the amount of state aid (excluding work earnings) awarded by the total amount of financial aid (excluding work earnings) awarded.
2. Calculate the amount of state aid to be returned by multiplying the percentage of total aid that is state aid by the amount of institutional charges refunded.

3. If a student utilizes any part of an award, it will be treated the same as a full semester payment in calculating the number of semesters of eligibility. Therefore the student may decline the state award and repay the award for the payment period.

Institutional Refund Policies - Appeal Process

Requests for a registration appeal after a deadline has passed must be accompanied by appropriate documentation about circumstances that prevented the student from add/drop/withdrawing within the required time limits. To submit this request, visit the ESC Forms (https://docs.google.com/document/d/e/2PACX-1vTI-v199i8iRAi9DgHTThXqn_Uu6sf0gjL3LPNCmJHw00O6-3hD6SM6kxrL2c0l1cYcgEePwSS3MWNfe/pub/) and click on Retroactive Petition for Changes to Registration and/or Tuition. The Dean and the Registrar will review your circumstances and then grant or deny the request.

All other appeals related to registration must be directed to the Director, Dean or Chair of the department in question.

For billing item appeals a written explanation must be emailed to the Student Accounts office at studentaccounts@saintpeters.edu. In the written explanation include your name, student ID number, the item in question, the reason and the amount of appeal. The appeal must be received no later than 30 days after the start term in question.

To view the University's refund periods and term schedule, visit Refund Policies (<https://www.saintpeters.edu/enrollment-services/student-accounts/refund-policies/>) and Refund Schedule (<https://www.saintpeters.edu/academic-calendar/refund-schedule/>).

For financial aid questions and concerns related to awards, scholarship, grants and loans email financialaid@saintpeters.edu. For more information related to aid visit Student Financial Aid (<https://catalogs.saintpeters.edu/undergraduate/generalinformation/studentfinancialaid/>).

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All Bene Merenti recipients (Twenty years of service to Saint Peter's University) are indicated with an asterisk (*).

Department and Program

Accounting and Legal Studies

Lori A. Buza (2000) Chairperson, Professor of Business Law; B.A., Rutgers University; J.D., Rutgers University; Licensed Attorney at Law.

Brigid D'Souza (2018) Assistant Professor, CPA Coordinator; B.S., Rutgers University; M.B.A., George Washington University.

*Andrew D. Pogogeff (1978) Associate Professor; B.S., M.B.A., Fairleigh Dickinson University; Certified Public Accountant.

Philip Sookram (2018) Assistant Professor, Director of Graduate Accounting Program; B.B.A., University of Miami, M.S.A., Rutgers University.

Applied Science and Technology (Biochemistry, Biotechnology and Physics)

Xiaoyang Huang (2019) Assistant Professor; M.S., Sichuan University; Ph.D., Stevens Institute of Technology.

Leonard J. Sciorra (2001) Schuh Professor, Health Careers Advisor; B.A., Rutgers University; M.S., Seton Hall University; Ph.D., Drexel University College of Medicine.

Debing Zeng (2012) Chairperson, Associate Professor; B.E., Tianjin University; M.E., Changchun University of Science and Technology; Ph.D., Stevens Institute of Technology.

WeiDong Zhu (2007) Dean of College of Arts and Sciences, Assistant Professor; B.S., M.S., Soochow University; Ph.D., Stevens Institute of Technology.

Biology

Jill Callahan (2011) Associate Professor; B.A., Saint Anselm College; M.A., Bridgewater State College; Ph. D., Virginia Commonwealth University.

Brandy Garrett-Kluthe (2017) Assistant Professor; B.S., Missouri State University; M.S., Western Illinois University; Ph.D., University of Arkansas.

Denver Jean-Baptiste (2020) Assistant Professor; B.S., City University of New York; M.A., Princeton University; M.Div., Andrews University; Ph.D., Howard University.

Christina Mortellaro (2008) Chairperson, Assistant Professor, Director of Graduate Health Sciences Program; B.S, M.S., Fairleigh Dickinson University; Ph.D., Seton Hall University.

John Ruppert (2017) Assistant Professor; B.S., Cook College; Ed.M., Ph.D., Rutgers University.

Laura H. Twersky (1996) Professor; B.A., Barnard College; M.S., Ph.D., New York University.

Jeanette Wilmanski (2007) Associate Professor; B.S., Saint Peter's College; Ph.D., University of Medicine and Dentistry of New Jersey.

Katherine S. Wydner (1996) Associate Professor, Health Careers Advisor; B.A., Princeton University; Ph.D., Rutgers University.

Business Administration

Karl Alorbi (2002) Assistant Professor; B.A., University of Science & Technology, Ghana; M.S., Ph.D., University of Strathclyde, UK.

Gulhan Bizel (2019) Assistant Professor, Director of Graduate Marketing Science Program; B.S., Bogazici University; M.B.A., Yeditepe University; Ph.D., Maltepe University.

Raymond T. Butkus (2014) Executive Lecturer; B.S., Providence College; M.B.A., University of Puget Sound; Graduate of Harvard Advanced Management Program at Harvard School of Business.

Chanaz Gargouri (2012) Assistant Professor; B.S., University of Tunis III; M.B.A., Saint Peter's University.

Joseph W. Gilkey, Jr. (2014) Associate Dean, Associate Professor; B.B.A., Dowling College; M.B.A., Indiana University; Ph.D., International School of Management.

John J. Hampton (2005) Professor of Business; A.B., Stetson University; M.B.A., D.B.A., George Washington University.

Marilu Marcillo (2014) Chairperson, Associate Professor; B.S., Alfred University; M.B.A., Century College; D.M., Colorado Technical University.

Mary McDonough (2016) Assistant Professor, Director of Graduate Business Program; B.S, Ramapo College; M.A., Upsala College; Ph.D., University of Nebraska.

Mary Kate Naatus (2010) Dean, Assistant Professor; B.A., College of New Jersey; M.B.A., New Jersey Institute of Technology; Ph.D., Rutgers University.

Chemistry

Yosra Badiei (2015) Assistant Professor; B.S., American University; Ph.D., Georgetown University.

Jessica Epstein (2005) Chairperson, Associate Professor; B.S., Georgia Institute of Technology; Ph.D., University of Maryland.

Wanlu Li (2019) Assistant Professor; B.Eng., Binzhou University; M.S., Ph.D., The City University of New York.

Communication and Media Culture

Ernabel Demillo (2008) Chairperson, Lecturer; B.A., University of Southern California; M.S., Northwestern University.

Barna Donovan (2002) Professor; B.A., Loyola University of Chicago; M.A., University of Miami; Ph.D. Rutgers University.

Georgia Kral (2019) Instructor; B.A., Hampshire College; M.A., CUNY Graduate School of Journalism.

Computer and Information Sciences

Suman Kalia (2018) Assistant Professor; B.S., Guru Nanak University; M.B.A., Rutgers University; M.S., D.P.S., Pace University.

Alberto I. LaCava (2016) Chairperson, Director of Cyber Security Program, Professor; D.I.C., M.S., Ph.D., Imperial College of Science, Technology and Medicine (The University of London).

*Marcia Mitchell (1996) Associate Professor; B.A., M.A., Saint Peter's College; M.S., Fairleigh Dickinson University; Ph.D., Stevens Institute of Technology.

Edward J. Moskal (2003) Associate Professor; B.S., Saint Peter's College; M.S., University of Notre Dame; M.M.S., Stevens Institute of Technology.

Albert A Realuyo (2019) Instructor; B.Eng., Stevens Institute of Technology; M.S., Saint Peter's University.

Vijay Kumar Reddy Voddi (2021) Lecturer, Director of Graduate Data Science Program; Bachelor of Technology, Jawaharlal Nehru Technological University Hyderabad; M.S., Saint Peter's University.

Criminal Justice

Beth E. Adubato (2016) Associate Professor; B.A., M.A., M.P.A.P., Ph.D., Rutgers University.

Kevin G. Callahan J.S.C. (ret) (2011) Lecturer; B.A., Saint Peter's College; J.D., Seton Hall University School of Law.

Kari E. Larsen (2004) Chairperson, Associate Professor; B.A., Saint Peter's College; J.D., Fordham Law School; L.I.M., Seton Hall University School of Law.

Hyoungah Park (2020) Assistant Professor; B.A., Korea National Police University; M.A., Yonsei University; Ph.D., Rutgers University.

Brian L. Royster (2011) Assistant Professor; B.A., Montclair State University; M.S., New Jersey City University; M.A., Ed.S., Ed.D., Seton Hall University.

Economics and Finance

Edwin T. Dickens (2003) Chairperson, Associate Professor; B.A., University California at Berkeley; Ph.D., New School University.

Enzo Dicostanzo (2016) Instructor; B.S., M.S., New Jersey Institute of Technology; M.B.A., Fordham University.

Samar Issa (2018) Assistant Professor; B.S., Notre Dame University; M.B.A., Lebanese American University; M.A., Ph.D., The New School for Social Research.

Amanda Page-Hoongrajok (2019) Instructor; B.A., Alverno College; M.A., Roosevelt University; Ph.D., University of Massachusetts Amherst.

Devin Rafferty (2013) Associate Professor, Director of Graduate Finance Program; B.A., Drew University; M.A., Ph.D., University of Missouri - Kansas City.

Education, Health and Physical Education

Jennifer Ayala (2004) Professor; B.A., Montclair State University; M.Phil., City University of New York; Ph.D., City University of New York Graduate Center.

Jung-ah Choi (2015) Assistant Professor; B.A., Seoul National University; Ph.D., University of Illinois.

Michael Finetti (2008) Assistant Professor; B.A., Rutgers University; M.A., Ed.D., Seton Hall University.

Jay C. Garrels (2016) Director, Health and Physical Education Program, Assistant Professor; B.A., Syracuse University; M.S., East Stroudsburg University.

Brian E. Goldsmith (2019) Instructor; B.A., M.A., Saint Peter's University; M.A., New Jersey City University.

*James P. Jacobson (1967) Associate Professor; B.A., M.A., Jersey City State College; M.A., Saint Peter's College.

Nicole Luongo (2007) Associate Professor; B.S., Bucknell University; M.A.E., Seton Hall University; Ed.D., Nova Southeastern University.

*Sara Talis O'Brien (1999) Professor; B.A., M.A.T., College of William and Mary; Ed.D., Rutgers University.

English

Sherlyn Abdo (1996) Lecturer; B.A., Hunter College; M.A., Columbia University; M.Phil., New York University.

Stephen Cicirelli (2012) Lecturer; B.A., Saint Joseph's University; M.F.A., Columbia University.

*Raymond Conlon (1981) Professor; B.S., Columbia University; M.A., Georgia University; Ph.D., University of Massachusetts.

Alicia D'Amato (2021) Lecturer; B.A., University of Maryland - College Park; M.A., University of Alaska - Anchorage; M.P.A., Saint Peter's University; ESL Certification, Oxford Seminars in Manhattan.

*William G. Luhr (1976) Professor; B.A., Fordham University; M.A., Ph.D., New York University.

Scott Stoddart (2016) Chairperson, Associate Professor; B.A., University of Maine at Farmington; M.A., Ph.D., University of Illinois.

*Constance G. Wagner (1996) Lecturer, Director of Writing Program; B.A., Jersey City State College; M.A., New School for Social Research.

Michael K. Walonen (2016) Associate Professor; B.A., M.A., Sonoma State University; Ph.D., University of Louisiana at Lafayette.

Rachel Wifall (2004) Professor, Director of Honors Program; B.A., M.A., St. John's University; Ph.D., New York University.

Arts

*Jon D. Boshart (1976) Chairperson, Professor; B.A., Wadhams Hall College-Seminary; S.T.B., Pontificia Universita Gregoriana (Rome); M.A., Ph.D., Johns Hopkins University.

Trish Gianakis (2020) Assistant Professor; M.F.A., School of Visual Arts, NYC.

Beatrice Mady (1998) Professor; B.F.A., University of Dayton; M.F.A., Pratt Institute.

History

Maria Americo (2019) Assistant Professor; B.A., Hunter College; M.Phil., New York University.

Michael E. DeGruccio (2011) Associate Professor; B.A., University of California, Davis; M.A., Ph.D., University of Notre Dame.

David W. Gerlach (2007) Chairperson, Associate Professor; B.A., Boston College; M.A., Ph.D., Pittsburgh University.

John W. Johnson, Jr. (2016) Assistant Professor; B.A., M.A., Ph.D., Rutgers University.

Mathematics and Statistics

Rebecca Conley (2016) Assistant Professor; B.A., Pace University; M.A., Hunter College; Ph.D., Stony Brook University.

Mary Anne Gallagher Landi (2019) Instructor; B.S., Saint Peter's University; M.A., Boston College.

*John E. Hammett III (1999) Chairperson, Professor; B.A., Drew University; M.S., Cornell University; Ed.D., Rutgers University.

Brian P. Hopkins (2001) Professor; B.A., B.S., University of Texas; Ph.D., University of Washington.

Nickolas Kintos (2011) Associate Professor; B.A., Rutgers University; M.S., Ph.D., New Jersey Institute of Technology.

Dawn Nelson (2014) Associate Professor; B.A., Williams College; Ph.D., Brandeis University.

*Gerard P. Protomastro (1976) Professor; B.A., Montclair State University, M.A., Massachusetts, Ph.D., Clemson University.

Matthew Sequin (2015) Assistant Professor; B.A., Boston College; Ph.D., Ohio State University.

Modern & Classical Languages & Literatures

Mark DeStephano (1995) Chairperson, Professor of Romance Languages & Literatures; B.A., Fordham University; M.Div., S.T.B., S.T.L., Th.M., Toronto University; M.A., Ph.D., Harvard University.

Maria Luisa Graziano (2005) Associate Professor of Italian; B.A., M.A., Naples University; Ph.D., Columbia University.

Patricia J. Santoro (1997) Associate Professor of Spanish; B.A., Georgian Court College; M.A., Middlebury College; Ph.D., Rutgers University.

Carlos F. Tapia (2015) Assistant Professor; B.A., Saint Peter's College; M.A., George Washington University; M.S., Ph.D., Georgetown University.

Nursing

Michelle Beckford (2010) Associate Professor and Interim Director of the D.N.P. Program; B.S.N., University of Rochester; M.S.N., Rutgers, The State University of New Jersey; D.M.H., Drew University.

Lisa Garsman (2007) Assistant Professor, Director Generic B.S.N. Program; B.S.N., Fairleigh Dickinson University; M.S., A.P.N., Rutgers, The State University of New Jersey; F.N.P. Board Certified.

Valera A. Hascup (2015) Associate Professor; B.S.N., Felician College; M.S.N., Kean University; Ph.D., Duquesne University.

Sandra Horvat (2014) Clinical Assistant Professor; B.S.N., M.S.N., A.P.N., Saint Peter's University.

Lauren E. O'Hare (2015) Dean; B.S., Alfred University; M.S.N., Hunter-Bellevue School of Nursing; Ed.D., Saint John's University.

Michelle Romano (2015) Assistant Professor; B.S.N., M.S.N., Wagner College.

Philosophy

Peter P. Cvek (1988), Professor; B.A., St. Vincent College, M.A., Ph.D., University of Kansas.

Daniel W. Murphy (2007) Chairperson, Associate Professor; B.A., Georgetown University; M.A., Ph.D., The Catholic University of Louvain.

Political Science

*Anna J. Brown (1992) Chairperson, Associate Professor; Director of Social Justice Program; B.A., Allentown College of St. Francis de Sales; M.A., Ph.D., Fordham University.

Aiisha Harden-Russel (2020) Assistant Professor; B.A., Iona University; M.A., New York University; Ph.D., Rutgers University.

Psychology

*Andrea Bubka (1990) Professor; B.A., Oakland University; M.A., Central Michigan University; Ph.D., Adelphi University.

Joshua Feinberg (2003) Associate Professor, Director of Graduate Psychology Programs; B.A., Cornell University; M.S., Ph.D., Rutgers University.

Maryellen Hamilton (2000) Chairperson, Professor; B.A., Hofstra University; M.A., Ph.D., Stonybrook University.

Brittany Hanson (2018) Assistant Professor; B.S., University of Arizona; M. A., Ph.D., University of Illinois at Chicago.

*Leonor Lega (1978) Professor; Consejera Psicologica (Counseling Psychologist); Universidad Del Valle (Colombia); Ph.D., Temple University.

Daniel C. Wisneski (2014) Associate Professor; B.A., Ohio State University; Ph.D., University of Illinois at Chicago.

Sociology and Urban Studies

Devin Heyward (2017) Assistant Professor; Director of Gender and Sexuality Program; B.A., Hunter College; M.A., P.H.M., City University of New York.

*Joseph McLaughlin (1987) Chairperson, Professor; B.A., M.A., Saint Peter's College; Ed.D., Seton Hall University.

Victoria Stone-Cadena (2020) Assistant Professor; Director of Latin American and Latino Studies Program; B.A., State University of New York at Cortland; M.A., Ph.D., City University of New York.

*David S. Surrey (1982) Professor; B.A., Ohio Wesleyan University; M.A., Ph.D., The New School for Social Research.

Alex Trillo (2005) Associate Professor; B.A., University of California (Irvine); M.A., Ph.D., State University of New York at Stonybrook.

Theology

Maria Calisi (2000) Chairperson, Associate Professor; B.A., M.A., Ph.D., Fordham University.

Chris Durante (2017) Assistant Professor; B.A., Fordham University; M.Sc., King's College London; M.A., Georgia State University; Ph.D., McGill University.

Susan L. Graham (2002) Associate Professor; B.A., University of California, Berkeley; M.Div., M.A., Dominican School of Philosophy & Theology (at GTU); M.A., Ph.D., University of Notre Dame.

Edmund W. Majewski, S.J. (1993) Assistant Professor; B.S., Georgetown University; M.Div., S.T.L., Weston School of Theology; S.T.D., Pontifical Gregorian University (Rome).

Footnotes

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Bene Merenti

**

Double Bene Merenti

50 Years of Service

Emeritus Faculty

Peter Alexander (1968) Professor Emeritus of Biology

Theresa J. Anderson (1979) Associate Professor Emeritus of Computer Science

Walter A. Baber (1960) Assistant Professor Emeritus of Fine Arts

John M. Buckley, S.J. (1962) Professor Emeritus of Theology

Richard J. Caccamise (1990) Associate Professor Emeritus of Business Administration

Alessandro Calianese (1961) Professor Emeritus of Computer Science

William Cole-Kiernan (1964) Professor Emeritus of Philosophy

Jeffrey Cross (1985) Associate Professor Emeritus of Business Administration

Luisa de la Torre (1966) Professor Emeritus of Spanish

Thomas H. Donnelly (1972) Professor Emeritus of Sociology

Stephen D. Doyle (1958) Associate Professor Emeritus of Sociology

George P. Evanovich (1987) Associate Professor Emeritus of Mathematics

Vincent F. Flaherty (1967) Professor Emeritus of Education

Eleanor R. Giuliani (1979) Professor Emeritus of Biology

Neal R. Goodman (1971) Professor Emeritus of Sociology

James Grant (1958) Professor Emeritus of Physics

Henry F. Harty (1972) Professor Emeritus of Education

Joyce M. Henson (1982) Professor Emeritus of Business

Robert E. Kennedy, S.J. (1970) Professor Emeritus of Theology

Thomas J. Kenny (1986) Library Emeritus

B. Melvin Kiernan (1959) Professor Emeritus of Mathematics

Herman Lieberman (1984) Assistant Professor Emeritus of Business Administration

Thomas M. Mansheim (1968) Professor of Sociology and Urban Studies

Donal MacVeigh, S.J. (1987) Professor Emeritus of Computer Science

*Oscar Magnan, S.J. (1975) Professor Emeritus of Fine Arts

George E. Martin (1969) Professor Emeritus of Political Science

John McElroy (1966) Professor Emeritus of English

William McKenna, S.J. (1984) Professor Emeritus of Philosophy

*Kathleen N. Monahan (1987) Professor Emeritus of English

Philip Mooney (1971) Professor Emeritus of Theology

Samuel Morneweck (1970) Professor Emeritus of Chemistry
Eugenia M. Palmegiano (1966) Professor Emeritus of History
Joseph L. Papay (1952) Professor Emeritus of Philosophy
Richard Petriello (1974) Professor Emeritus of Biology
H. Terry Reid (1979) Associate Professor Emeritus of Computer Science
Katherine M. Restaino (1975) Dean Emeritus
Katherine M. Safford-Ramus (1996) Professor Emeritus of Mathematics
Loren F. Schmidtberger (1955) Professor Emeritus of English
Michael B. Sheehy (1989) Professor Emeritus of Mathematics
Thomas L. Sheridan, S.J. (1966) Professor Emeritus of Theology
Victoria D. Sullivan (1976) Professor Emeritus of English
Irwin N. Talbot (1979) Associate Professor Emeritus of Business Administration
Larry E. Thomas (1970) Professor Emeritus of Mathematics
John F. Wrynn, S.J. (1974) Professor Emeritus of History

Administration

Office of the President

*Eugene J. Cornacchia, Ph.D., President
**Virginia Bender, Ph.D., Special Assistant to the President for Institutional Planning
**Eileen L. Poiani, Ph.D., Special Assistant to the President
Maria Trinidad-Rivera, B.S, Administrative Assistant to the President's Office
Jane Halma, Executive Administrative Assistant President's Office

Office of the Executive Vice President and Provost

Frederick Bonato, Ph.D., Executive Vice President and Provost
Nicole DeCapua Rinck, Ed.D., Associate Vice President for Academic Affairs
Tracy Louise Chacon, M.Ed. '13 '17, Director of Operations for Academic Affairs
Ruth Vazquez, Executive Administrator Assistant of Academic Affairs

College of Arts & Sciences

WeiDong Zhu, Ph.D., Dean
Rosette Allegretti, Ed.D., Associate Dean for Academic Affairs
Mark Medina, M.A., Administrative Assistant
Marly Black, B.A., Senior Administrative Assistant

Frank J. Guarini School of Business

Kimberly Reeve, Ph.D., KPMG Dean
John E. Hammett, III, Ph.D., Associate Dean

Caulfield School of Education

Stephanie Squires, Ph.D., Dean

Anna Cicirelli, Ed.D., Associate Dean of School of Education and Executive Director of Graduate Programs

Michele Cassaro, M.Ed., Director of Field Experience and Certification

Adrienne Johnston Dimarco, Ed.D., Director of Assessment and Program Advisor

School of Nursing

Lauren E. O'Hare, R.N., Ed.D., Dean

Lisa Garsman, M.S., A.P.N., Generic and Accelerated B.S.N. Program Director

School of Professional Studies

Rosette M. Allegretti, Ed.D., Associate Dean for Academic Affairs

Gabrielle Planas, B.A., Coordinator of Student Support

Eliana Reich, B.S., Coordinator of Special Programs

Gianella Castillo, A.S., Assistant Coordinator of Special Programs

Office of the University Registrar

Kamla Singh-Ramoutar, M.B.A., Executive Director of Enrollment Services and University Registrar

Arlene Faden, Assistant Registrar

Danielle Oliveira, Assistant Registrar, Degree Conferral

Michael Quinn, B.S., Registrar Operations Coordinator

Sandra Procel, M.Ed, Assistant Registrar, Records and Registration

TBD, Assistant Registrar

TBD, Senior Enrollment Specialist

Alayna Higgs, B.S., Enrollment Specialist

Uroosa Shakoor, Enrollment Specialist

Grace Burkee, B.A., Enrollment Coordinator

Michele Myers, B.A., Enrollment Coordinator

TBD, Enrollment Coordinator

Office of Financial Aid

Jennifer Ragsdale, M.Ed., Director of Financial Aid

Katherine Alvarez-Khan, B.F.A., Associate Director of Financial Aid

Shannon Porch, M.B.A., Assistant Director of Financial Aid

Tytianna Jackson, B.A., Financial Aid Counselor

Karl Ramos, B.S., Financial Aid Counselor

TBD., Financial Aid Counselor

TBD., Financial Aid Counselor

Nicole Ball-Ortiz, M.B.A., Financial Aid Specialist

Patricia Blanco, Administrative Assistant of Financial Aid

Office of Student Accounts

Lillian Pereira-Talty, B.S., Director of Student Accounts

Megan Turczynski, B.S., Assistant Director of Student Accounts

Daniel Amante, B.S., Student Accounts Specialist

Oswaldo Fuentes, B.S., Student Accounts Specialist

TBD, Student Accounts Specialist

Center for Academic Success and Engagement (CASE)

Tamara N. Massay-Trotz, M.P.A, Associate Dean for Academic Engagement and Student Success

Michael Doody, M.B.A., Director of Student Academic Support Services

Katelyn Joyce, Academic Success and Retention Specialist

Educational Opportunity Fund (EOF) Program

Knight Ambubuyog, M.A., Director of the Educational Opportunity Fund (EOF) Program

Avery Tan '22, EOF Counselor

TRIO Student Support Services (SSS) Program

Sarah Smyth, Director of TRIO Student Support Services

Joseph Perez, Assistant Director of TRIO Student Support Services

Center for English Language Acquisition and Culture (CELAC)

Alicia D'Amato, CELAC Director

Brian Goldsmith, Senior Instructor

Center for Career Engagement & Experiential Learning (CEEL)

Taina Cutler '14 '20, Executive Director of CEEL

Mary Mercado, B.S., Associate Director of CEEL

*Sondra E. Buesing-Riley, B.A., Director of Cooperative Education & Internship Program

Daryl Levy, STEM Internship Coordinator

Louis Aligo, M.A., Career Coach

STEM Engagement & Empowerment Center

Victoria Mauer, B.S.B.A., Director

Writing Studio

Holly Hensley, Writing Specialist

Online Programs

Marquita Fitzpatrick, Director of Online Education

Patricia Sainvilus, Instructional Designer

Shikun Zhang, Instructional Designer

Renee Evans, Instructional Designer

Faculty Research and Development

Rebecca Conley, Ph.D., Director of Faculty Research and Development

Veterans Services

Frank Rivera, Director of Veteran's Services

Theresa & Edward O'Toole Library

Tasheeda Capers, M.A., Circulation Services Coordinator

Daisy DeCoster, M.L.I.S., M.B.A.'14, Library Director

Mark Graceffo, M.L.I.S., M.S.W., Librarian, Outreach & Instruction

Scott Kushner, M.L.S., Librarian, Systems & Emerging Technologies

Ilona MacNamara, M.L.S., M.Ed., Librarian, Exhibits Coordinator

Myah Warren, Evening Supervisor & Interlibrary Loan

AnnMarie Ziadie, M.L.I.S, M.A., Librarian, Acquisitions & Cataloging

Office of the CIO

Michael De Varti, M.B.A., Chief Information Officer

Joseph Dowd, M.B.A., IT Project Manager

Maryann Picerno, IT Operations and Support Specialist

Technology Services

Jaime Chauca, M.B.A, Executive Director of Technology Services

Enterprise Architecture

Bert Vabre, B.S., Director of Enterprise Architecture

Mark Giaccio, Systems Administrator

Eddie Rodriguez, M.B.A, Junior Systems Administrator

Ebenezer Olamolu, Senior Network Technician

Thomas Martemucci, B.S., Network Administrator

Client Services

Stuart Carapola, B.S., Manager of Technology Support Services

Franciso De Jesus, M.A., Lead Client Services Technician

Winston Del Villar, Client Services Technician

Mina Faragalla, B.S., Client Services Technician

Eddie Russell, B.S., Client Services Technician

Guillermo Rodriguez-Zavala, Client Services Technician

T.B.D., Client Services Technician

Enterprise Applications

Craig Bender, M.B.A., Director of Enterprise Applications

Robert Adelson, M.A., Senior Academic Technologist

Richard Biela, M.S. Enterprise Applications Technician

David Gonzalez, B.A. Applications Administrator Associate

T.B.D., Senior Programmer Analyst

Military & Veterans Services

Frank Joaquin Rivera, M.S., Director of Military & Veterans Services

Office of Institutional Research

*Ben Scholz, M.B.A., Executive Director of Institutional Research & Effectiveness

Layla Shumnok, Research Analyst - Institutional Research & Effectiveness

Office of the Vice President of Enrollment Management

Jeffrey Gant, M.A., Vice President for Enrollment Management

Jessica Binns-Dickinson, Assistant Vice President of Enrollment Management/Director of Undergraduate Admissions

Jeff Rickey, Assistant Vice President for Global Learning

Kacey Tillotson, Director of Enrollment Management Systems

Kristy Massaro, Senior Assistant Director of Graduate Admissions

Christian Berrigan, Associate Director of Undergraduate Admissions

Alexander Aquino-Flores, Assistant Director of Undergraduate Admissions

Ericka Leynes, Assistant Director of Undergraduate Admissions

Mason Traino, Senior Assistant Director of Undergraduate Admissions, Transfer

Koral Booth, Assistant Director of Undergraduate Admissions, Transfer

Patricia Peterson, Undergraduate Admissions Counselor

Joann Galella, Operations Supervisor & Budget Administrator

Jennifer Stern, Admissions Specialist, Communications

Michele Chowanec, Admissions Specialist

Yocasta Brens-Watson, Director, Center for Global Learning and International Services

Alison Jackson, Associate Director, Center for Global Learning

Ellen Gregorio, Director of Graduate Admissions

Ashante Roberts, Associate Director for Operations (Graduate Admissions)

Scott O'Donnell, Assistant Director of Graduate Admissions

Michelle Relyea, Assistant Director of Graduate Admissions

Office of the Vice President of Finance and Business

Paul Ciraulo, M.A., Vice President of Finance and Business

Diane Di Staulo, C.P.A., M.B.A., M.S.A., Director of Accounting Operations

Brian Colvin, Controller

Majal Nieves, Executive Associate/Financial Analyst

Sharmila Nigalye, Procurement Director

Ahmad Williams, Assistant Vice President for Budget, Financial Planning and Analysis

Anna DePaula, Assistant Vice President for Campus Services and Facilities

Campus Safety

Scott Torre, B.S., Director of Campus Safety

Edward Hanley, Assistant Director of Campus Safety

Facilities Management

Anna DePaula, Director of Campus Services and Facilities

Sandy Sanay, Administrative Assistant for Campus Services and Facilities

Human Resources

Philip Espinosa, Interim Director of Human Resources

Marianne Macri, Senior Human Resources Specialist

Mail and Printing Services

Alan Mulholland, Supervisor of Mail and Printing Services

Matthew Agaman, Mail Attendant

Nicholas Giordano, Mail Attendant

Office of the Vice President for Ministry and Mission

Andrew Downing, S.J. - Vice President for Mission and Ministry and Director of Campus Ministry

Rocco Danzi, S.J. - Administrator of St. Aedan's Church and University Chaplain

Luis Tampe, S.J. - University Jesuit Associate

Campus Ministry

Erich Sekel, M.A. - Associate Director of Campus Ministry for Community Service

University Music Program

Joseph Hill - University Director of Music

Office of the Vice President for Advancement and External Affairs

Leah Leto, M.Ed., '05, Vice President for Advancement and External Affairs

Linda S. Moore, JD, Senior Director of Leadership and Planned Giving

Sharon Morrissey, M.B.A., M.Ed. '13, Director of Planned Giving

Chris Hansen '04, Leadership Gifts Officer

Scott Donovan, M.B.A. '20, Director of Annual Giving

Brandon Rivera '21, Annual Giving Officer

Emory Edwards, Senior Director of Partnerships and Institutional Relations

Gerald Gabriel G. Gabinete '20, Institutional Relations Officer

Michael Thunell, Director of Advancement Operations

Tanya Reyes-Storey, Advancement Operations Manager for Data Management

Amarilis Salvador-Vargas, MSF '21, Advancement Operations Officer for Gift Stewardship

Alumni Engagement

Claudia Pope-Bayne, Ed.D. '16, '22, Senior Director of Alumni Engagement

Liliana Huerta Murcia, Assistant Director of Alumni Engagement

Jena Williams, Alumni Engagement Administrative and Events Coordinator

University Communications

Sarah Malinowski Ferrary, Assistant Vice President for University Communications

Angeline R. Boyer, Director of University Communications

James Flynn, Communications Officer

Office of Student Life and Development

Erin McCann, M.Ed., Vice President for Student Life and Development

Travis Whisler, Dean of Students

Daria Peace-Allen, Assistant Dean of Students

STEM / Care and Concern

Cristaly Argenal, STEM Care and Concern Coordinator

Health Services

Anna M. Stacey, R.N., Director

Rebecca Urbina-Suarez, Administrative Assistant

Sveta Gajria, Consulting Physician/PA

Personal Development

Colleen Szefinski, M.S., L.P.C., L.C.A.D.C., C.C.S., Director of Counseling and Psychological Services

Alexandra (Alex) Tarsitano, L.C.S.W., Assistant Director/Counselor

Gail Conte, Senior Counselor

Recreational Life Center

Cameron Harty, Senior Associate Athletics Director for Facilities, Operations & Recreational Life

Alberto Padilla, Facility Administrator

*Michael Burgess, Facility Administrator

Residence Life

Christopher (Chris) Ambrose, Director of Residence Life

Jennifer (Jenn) Riccardi, Assistant Director of Residence

Anthony Alkuino, Student Affairs Administrative Coordinator

Alexis Dulko, Community Director - West Campus

Shawn Kenney, Community Director - East Campus

Lyliana Santos, Graduate Assistant - Residence Life

Justine DeLeon, Graduate Assistant - Residence Life / Leadership & Engagement

Leadership & Engagement

Jan M. Reimer, M.A., Director of Leadership and Engagement

Yani Horge, Student Engagement Coordinator

Cinthya Munoz Tepan, Graduate Assistant - Leadership & Engagement

Justine DeLeon, Graduate Assistant - Residence Life / Leadership & Engagement

TBA, Student Center Coordinator

TBA, Events Coordinator

Intercollegiate Athletic Staff

Rachelle Paul, Director of Athletics

Deborah Gregory, Senior Associate Director of Athletics for Business Affairs

Marquise Peel, Associate Athletic Director and Head Athletic Trainer (Sports Medicine & Performance)

Katherine (Katie) Arcuri, M.A., Senior Associate Athletics Director for Compliance & Student-Athlete Development/
Senior Woman Administrator

Trevor Clifton, Assistant Athletics Director for Strategic Communications

Cameron Harty, Senior Associate Athletics Director for Facilities, Operations & Recreational Life

Sean N. Powers, M.S., CSCS, Assistant Athletics Director for Facilities and Operations

Brendan O'Leary, Assistant Athletics Director for Performance/Head Strength & Conditioning Coach

Courses of Instruction - Undergraduate

Course Descriptions

AC Courses

AC-151. Principles of Accounting I. 3.00 Credits.

Fundamental principles of accounting for business entities; the reporting of financial information to users; basic considerations underlying financial and cost accounting data from a management point of view.

AC-152. Principles of Accounting II. 3.00 Credits.

Fundamental principles of accounting for business entities the reporting of financial information to users basic considerations underlying financial and cost accounting data from a management point of view. Prerequisites: AC-151.

AC-157. Ms Excel for Accounting and Business Env. 3.00 Credits.

Students will gain proficiency in Microsoft Excel for accounting and business environments. The course will cover understanding basic spreadsheet terminology and navigation including filters and sorts; basic and intermediate formulas such as Dsum, Vlookup, and Match; analytical tools such as PIVOT tables; and presentation skills such as formatting, graphs, and charts. This course will use a case study approach that will enable students to learn from sample client needs and constraints (for example, putting raw data into a format needed for client analysis). Upon completion of this course, students should have a strong proficiency in Excel that they can apply in a professional capacity.

AC-285. NAAIA Insurance & Risk Case Competition. 3.00 Credits.

This case competition is a multi-month project of team-building, research, written and quantitative analysis, and written and oral presentation of facts and analysis to substantiate a final mock client RPF proposal at the annual NAAIA Talent Competition. Students will work with one faculty mentor at Saint Peter's University and a three-person faculty mentor team from a corporate partner. Students will relationship-build with each other to form a cohesive and complementary team unit, work with the industry mentors to grow their understanding of the insurance industry and related topics that are included in the case study, and develop a comprehensive, tightly constructed written and oral presentation that responds holistically to the requirements of the case study challenge.

AC-295. Credited Internships. 3.00 Credits.

Students have the unique opportunity to earn academic credit through the Credited Internships Program at the Center for Career Engagement & Experiential Learning (CEEL). Internships can be paid or volunteer-related experiences. Course Type(s): Independent Study.

AC-325. Forensic Accounting. 3.00 Credits.

A basic practical understanding of forensic accounting as a management tool. Prerequisites: AC-152.

AC-331. Intermediate Accounting Theory I. 3.00 Credits.

Traditional financial accounting topics, including recent developments by the leading professional accounting organizations. Prerequisites: AC-152.

AC-332. Intermediate Accounting Theory II. 3.00 Credits.

Traditional financial accounting topics, including recent developments by the leading professional accounting organizations. Prerequisites: AC-331.

AC-341. Advanced Accounting Theory. 3.00 Credits.

Study of specialized subject areas rounding out the accounting knowledge required by the beginning career accountant. Prerequisites: AC-332.

AC-443. Cost Accounting. 3.00 Credits.

Study of cost accounting information systems and their importance as an essential management tool. Prerequisites: AC-332.

AC-444. Auditing Principles. 3.00 Credits.

Study of auditing standards associated with the examination of corporate accounts. Emphasis on audit objectives. Prerequisites: AC-332:.

AC-455. Taxation. 3.00 Credits.

Practical understanding of the Federal Income Tax Law including the basic principles of the Law and their practical application. Prerequisites: AC-152.

AC-480. Integrated Accounting Capstone. 3.00 Credits.

This course will provide a comprehensive, practical overview of the accounting curriculum, including Principles of Accounting I & II, Intermediate Accounting Theory I & II, Cost Accounting, Advanced Accounting Theory, Auditing Principles, and Financial Reporting. The course will be taught in part by introducing the student to case studies based on current real-world accounting issues. This methodology will allow the students to apply their knowledge of accounting to real-world scenarios, demonstrating competency in both their knowledge base and their ability to identify and solve accounting issues. Approval for this course must be obtained by the Accountancy faculty advisor. Possible additional nominal course fee required. Course Type(s): Capstone.

AC-481. Tax Mobilization and Project Management. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Update team calendar with key dates for quarter or year-end deliverables, client data collection for provision process, correspondence with Audit team, provision-related research and note-taking to prep for provision process.

AC-482. Tax Compliance Deliverables. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Prepare workpapers, tie-out tax section to draft 10-K or 10-Q, update data analytics, workflows, prep for audit of provision, prepare memorandum.

AC-483. Tax Communication and Teaming. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: During the tax compliance process, coordinate tasks with internal team members to monitor quality, give/receive feedback; demonstrate inclusive leadership, review it, and deliver it to the senior. Manage the flow of data and update applicable tools and technology to support the transfer of accurate and complete data from the data collection process to completed forms for compliance and review.

AC-484. Quantitative Modeling. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Prepare data visualizations for tax compliance projects to support review of returns by senior staff. Firm training for necessary technology software may be included.

AC-485. Microsoft Excel in the Tax Env. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Help with the retrieval and manipulation of tax data for client projects including trial balance mapping and M1 adjustments using Microsoft Excel to enable data analytics and data visualization. Assist on tax return provision and related forms processing.

AC-486. Data Visualization in Tax Envi. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Prepare tax return visualization; ensure utilization of smart review tools prior to providing to the senior/manager for review.

AC-487. Data Analytics in Tax Environments. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Prepare applicable workbooks (referencing final TB balances) and draft federal and international IRS forms (eg 1120, 8858, 5471) and prepare for review. Ensure all review comments are cleared; if there are issues to elevate to the senior, come with an informed suggestion.

AC-488. Org. Leadership in Public Acc.. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Develop a client service approach to tasks, including proposing new strategies to gain efficiencies or quality, taking initiative for process improvement around client or internal projects, and working collaboratively with multinational team members. Help facilitate dialog around complex challenges in the work environment and task management with internal teams and the client.

AC-489. Corporate Strategy and Solutions. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Develop an understanding of the corporate strategy around tax compliance and planning. Identify and assess the role of the CPA practitioner as a value-adding client-service provider for clients of various forms, e.g. corporations, partnerships, and individuals. Apply a professional mindset and approach to both internal teaming and client-service activities in support of the organization's strategic goals. Demonstrate professional skepticism and objectivity in tasks as you work with internal and external client stakeholders to support strategic outcomes.

AC-495. Pathway to the CPA. 3.00 Credits.

This course will provide an overview of the 4 parts of the CPA examination, Auditing & Attestation (AUD), Financial Accounting & Reporting (FAR), Regulation (REG) and Business Environment & Concepts (BEC). This course will provide an extensive review of the accounting and business knowledge base required to prepare for the FAR part of the CPA exam. This course will also provide an opportunity for the student to assess their CPA exam readiness through practice tests and practice task-based scenarios. Approval for this course must be obtained by the Accountancy faculty advisor.

ACE Courses**ACE-101. ACE Dual. 0.00 Credits.**

ACE placeholder course for One Card.

AN Courses**AN-100. Introduction to Asian Studies. 3.00 Credits.**

An introduction to the geography, history, and cultures of Asia, as well as to Asian studies as an academic discipline.

AN-113. Elementary Mandarin Chinese I. 3.00 Credits.

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin. Course Type(s): Arts/Language, Addl Humanities.

AN-114. Elementary Mandarin Chinese II. 3.00 Credits.

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin. Prerequisites: AN-113 OR JP-113 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

AN-117. Elementary Korean I. 3.00 Credits.

An introduction to the alphabet, sounds, grammar, and vocabulary of Korean, as well as to the life and culture of the Korean people.

AN-118. Elementary Arabic I. 3.00 Credits.

An introduction to the pronunciation and basic grammatical principles of modern (Egyptian) Arabic.

AN-119. Elementary Arabic II. 3.00 Credits.

Continued practice in the pronunciation and basic grammatical principles of modern (Egyptian) Arabic. Prerequisites: AN-118 OR AN-118.

AN-130. Elementary Japanese I. 3.00 Credits.

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media. Course Type(s): Arts/Language, Addl Humanities.

AN-131. Elementary Japanese II. 3.00 Credits.

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media. Prerequisites: AN-130 OR JP-130 OR INSTRUCTOR APPROVAL.

AN-134. Intermediate Japanese I. 3.00 Credits.

Further practice to mastering the basic concepts of rudimentary communication in Japanese. Prerequisites: AN/JP-114 OR 2-3 YEARS H.S. JAPANESE OR INSTRUCTOR PERMISSION.

AN-228. Asian Film. 3.00 Credits.

This course introduces students to the history of Asian film industries and landmark films. They will look at the major films and film makers of Hong Kong, Japan, Taiwan and Korea, as well as the popularity of the anime phenomenon and Indian Bollywood films. Course Type(s): Pluralism.

AN-270. History and Culture of Japan. 3.00 Credits.

A survey of Japanese history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film and food. Course Type(s): Pluralism.

AN-320. Asian Philosophy. 3.00 Credits.

An examination of the philosophies of India and China, including a text-based study of the Upanishads, the philosophy of Yoga, Buddhism, Confucianism and Taoism. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

AN-325. Marco Polo & the Silk Road. 3.00 Credits.

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia. This course may be taken EITHER for Core Modern Language OR for Pluralism, but NOT FOR BOTH. Course Type(s): Pluralism.

AN-354. Sun Tzu and The Art of War. 3.00 Credits.

Study of the life and times of Sun Tzu and his influential work on strategy, The Art of War.

AN-355. Cinema of Japan. 3.00 Credits.

Study of the development of Japanese cinema from origins to the present.

AN-360. History and Culture of the Philippines. 3.00 Credits.

A survey of Filipino history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film, and food. Course Type(s): Pluralism.

AN-363. History and Culture of China I. 3.00 Credits.

Study of the language, traditions, history, and culture of China from its origins through the Ming dynasty.

AN-364. History and Culture of China II. 3.00 Credits.

Study of the language, traditions, history, and culture of China from the Qing dynasty to the present.

AN-365. Understanding China-Chinese Through Film. 3.00 Credits.**AN-368. History and Culture of Korea. 3.00 Credits.**

Study of the language, traditions, history, and culture of Korea from its origins to the present. Course Type(s): Arts/Language, Addl Humanities.

AN-400. Spanish Literature of the Philippines. 3.00 Credits.

A survey of the literature of the Philippines written in Spanish, this course will explore the nation's Spanish heritage in its aesthetic and sociohistorical context. Prerequisites: SP-134 OR SP-136 OR SP-199 OR INSTRUCTOR APPROVAL.

AR Courses**AR-110. Art in the City. 3.00 Credits.**

Through weekly professor-led trips to and tours of the art museums of NYC, students directly experience, appreciate and understand important works of art. Honors Core course. Course Type(s): Honors.

AR-127. Intro to the Visual Arts. 3.00 Credits.

A comprehensive study of art history, focusing on important masterpieces, styles, and significant artists. By examining painting, sculpture, and architecture, students realize the importance of art in society.(Art History elective) Course Type(s): Arts/Language, Addl Humanities.

AR-128. Intro to Music. 3.00 Credits.

A brief history of Western music since the Renaissance. Composers, styles, and representative works from each major period will be discussed. (Music elective) Course Type(s): Arts/Language, Addl Humanities.

AR-131. Beginning Painting. 3.00 Credits.

Introduction to variety of art paints, grounds, brushes, techniques.(Visual Arts elective).

AR-140. Figure Structure Workshop. 3.00 Credits.

A study of the human figure in two and three dimensions working from a plaster model. Proportions of the skeleton and mechanism of motion are emphasized. Additional course fee of \$75.(Visual Arts elective).

AR-151. College Chorale I. 1.00 Credit.

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance). Graded P/F.(Music elective).

AR-152. College Chorale II. 1.00 Credit.

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance). Graded P/F. (Music elective) Prerequisites: AR-151.

AR-153. College Chorale III. 1.00 Credit.

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance). Graded P/F. (Music elective) Prerequisites: AR-151 AR-152.

AR-157. Introduction to Photography I. 3.00 Credits.

Beginning with basic camera operation, students learn the visual and technical elements that create a photograph. 35mm camera will be used. Additional course fee of \$75. (Visual Arts and Graphic Arts elective).

AR-158. Introduction to Photography II. 3.00 Credits.

Directed toward developing a personal style of picture taking, this course includes dark-room experience in processing and printing black and white film. Additional course fee of \$75. (Visual Arts and Graphic Arts elective).

AR-159. 2-D Design/Color Theory. 3.00 Credits.

This course is an introduction to the elements and principles of 2-Dimensional design. Composition issues and strategies valid in all areas of visual design are explored through examples, exercises, critiques and creative projects. (Graphic Arts elective).

AR-160. Drawing & Composition Workshop. 3.00 Credits.

Studio work: theoretical analysis and practical application of some of the components of a work of art: form, line, shape and value. Additional course fee of \$75. (Visual Arts elective).

AR-161. Painting Workshop. 3.00 Credits.

Studio work: texture, color, and space are studied. Additional course fee of \$75. (Visual Arts elective).

AR-162. Painting and Drawing Workshop. 3.00 Credits.

Studio work: basic techniques. Additional course fee of \$75. (Visual Arts elective).

AR-165. Figure Painting Workshop. 3.00 Credits.

Studio work: study of the human form in color. (Visual Arts elective).

AR-166. Sculpture Workshop. 3.00 Credits.

Studio work: exploring different materials and their properties to create 3 Dimensional forms in space. Projects include: patterning and triangulation of geometric shapes, assemblage methods of the modular form, found objects, hand building with clay hollow abstract sculptures, glazing and RAKU firing, hand casting with alginate and plaster, wire linear forms. (Visual Arts elective).

AR-171. Live Model Figure Drawing Wksp. 3.00 Credits.

Studio work: study of artistic anatomy from live models. Additional course fee of \$75. (Visual Arts elective).

AR-172. Landscape Ptg Wshp. 3.00 Credits.

Beginning approaches to landscape painting; including composition, perspective, and texture. Additional course fee of \$75. (Visual Arts elective).

AR-175. Fundamentals of Acting I. 3.00 Credits.

Students will use scenes, activities, and games to learn to improvise, move on stage, project their voices, understand a scene, and develop a character.

AR-190. Understanding Film. 3.00 Credits.

Screenings, readings, discussions to provide an understanding of the elements of film medium. Additional course fee of \$75. Prerequisites: 1 COURSE; FROM CM-115 CM-116 CM-117 CM-119 CM-120 HP-122 Course Type(s): Arts/ Language.

AR-211. Renaissance Art I. 3.00 Credits.

Study of fourteenth-century Italian art and its development through the fifteenth century: Giotto, Duccio, Donatello, Masaccio, Botticelli, etc. (Art History elective).

AR-212. Renaissance Art II. 3.00 Credits.

Study of the High Renaissance and Mannerism in painting and sculpture, especially Leonardo, Michelangelo and Raphael. (Art History elective) Course Type(s): Capstone, Writing Intensive.

AR-214. Art Advertising and Design. 3.00 Credits.

Appreciation of the non-verbal communication of visual images: light, color, shape, line, texture, design principles, etc. Studies through projects creating effective advertising images. Additional course fee of \$75.(Graphic Arts elective).

AR-215. Medieval Art. 3.00 Credits.

A study of Early Christian, Byzantine, Carolingian, Ottonian Romanesque and Gothic art. Emphasis on the beginnings of Christian art and on Gothic cathedrals. (Art History elective) Course Type(s): Writing Intensive, Capstone.

AR-220. Introduction to Computer Art. 3.00 Credits.

Designed to introduce the student to using the computer for design in InDesign, photo manipulation in Photoshop and illustration in Illustrator. Both artist and non-artist, graphic arts or internet. Projects form basis of professional portfolio. Additional course fee of \$75.(Graphic Arts elective).

AR-224. Digital Imaging With Photoshop. 3.00 Credits.

Photoshop use: production and presentation, printing your work, portfolio preparation and internet emphasized. Additional course fee of \$75.(Graphic Arts elective).

AR-229. Baroque Art. 3.00 Credits.

A study of the painting, sculpture, and architecture of the seventeenth and eighteenth centuries. Emphasis: Caravaggio, Bernini, Rubens, Rembrandt, Velazquez, Zurbaran.(Art History elective).

AR-230. Marketing for Artists. 3.00 Credits.

Making art is the fun part. Now you have to get your work out there! Not sure how to market your art? This course in Marketing for Artists will show students tips and tools to help them learn how to promote themselves as an artist. Art marketing is a key part of being an artist. This course will cover building an online portfolio, writing an Artist Statement, social media best practices, SEO (search), and other essential marketing tools to promote yourself in the art world. Virtual galleries, changes in new media and how that impacts artist and Gallery relationships. What do you do when you get the sale? We will discuss contracts, price lists, and how artists can protect themselves legally. We will also have guest speakers for the class to hear from other professionals.

AR-232. Art and Desktop Publishing. 3.00 Credits.

Creation of a brochure, mailer, newsletter or magazine at home or in business. Use of current programs per business world standards. Emphasis on aesthetic concerns. Additional course fee of \$75.(Graphic Arts elective).

AR-238. The Science of Art. 3.00 Credits.

Materials of art and artifacts, scientific and technical principles underlying the creation of art works, authentication and forgery, deterioration due to time and environment, restoration techniques. Three class periods weekly.(Visual Arts elective).

AR-240. Cultural Diversity in Art. 3.00 Credits.

Through guided visits to various ethnic art museums/collections (such as Asia Society, Japan Society, China Institute, African Art Museum, Museum of the American Indian, Jewish Museum) students experience cultural diversity. A multi-cultural course which broadens students' appreciation of ethnic identities through the study of ethnic art. Additional course fee of \$235.(Art History elective) Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

AR-242. Computer Illustrator. 3.00 Credits.

Uses in print graphics, advertising, charts for marketing. Graphic implementations in all areas of business and marketing. Additional course fee of \$75.(Graphic Arts elective).

AR-250. Live Performance Art. 3.00 Credits.

Participants will be enlightened, enriched, entertained, by attending performances representative of Broadway musicals, ballet, concerts, dance, and opera. Additional course fee of \$235.(Music elective).

AR-253. Environmental Art & Issues. 3.00 Credits.

The course is designed to look at environmental issues through the interpretations of an artistic venue. It explores how interdisciplinary environmental discussions within academic and activist communities can inform the artist and their work as well as society at large. Includes research on topics such as eco-ethic, animal rights, environmental justice, green consumerism and eco-activism. The work created will be presented in a university gallery space, web site and/or through a public dialogue on campus for university students and the community at large. The course is geared toward a range of disciplines within and outside the arts inviting a wide range of students to take this course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

AR-255. Live Musical Art. 3.00 Credits.

Attendance at live musical events in the metropolitan area. A wide range of music is sampled and discussed through direct experience. Additional course fee of \$235. (Music elective).

AR-260. Music Theory I. 3.00 Credits.

An introduction to species counterpoint and common practice harmonic analysis. Prerequisites: AR-128.

AR-265. Group Singing I. 3.00 Credits.

For beginning voice students; basic skills including confidence, self-expression, phonation, diction, phrasing. Prepare audition-ready song. (Music elective).

AR-266. Group Singing II. 3.00 Credits.

For intermediate-level singing. Performance skills including breath support, resonance, blending, expressiveness. Peer and professional observation.(Music elective).

AR-267. History of Graphic Art. 3.00 Credits.

This course investigates the evolution of Graphic Arts. The focus of the class will be on individual artists, movements and technologies, exploring the relationship between design and its viewers as well as analyzing the visual attributes that make a work of art.(Graphic Arts elective).

AR-273. Rock History. 3.00 Credits.

A survey of rock music, analyzing the origins and evolution of electrified American popular music, 1950's to the present.(Music elective).

AR-279. Watercolor Painting. 3.00 Credits.

Introduction to watercolor painting techniques, watercolors, papers, brushes, methods. Additional course fee of \$75. (Visual Arts elective).

AR-282. Beginning Piano. 3.00 Credits.

Exercises and songs in the three simple keys (C, G, F; A, E, D). Songs and piano pieces will be practiced and performed. For beginners.(Music elective).

AR-293. Today's Film Scene. 3.00 Credits.

Students will meet in Manhattan to view and analyze contemporary films, often before they are released to the general public. At times the filmmakers are likely to participate. The course will give students a knowledge of the contemporary film scene as well as skills in film analysis. Additional course fee of \$235.

AR-295. Credited Internships. 3.00 Credits.**AR-300. Mixed Reality. 3.00 Credits.**

Mixed Reality class is an introduction to emerging technologies in XR, virtual reality (VR) and augmented reality (AR). These technologies are changing in education, entertainment, gaming and engineering industries at a rapid pace. This program is a comprehensive introduction to developing XR reality applications. Students will learn about device platforms, the metaverse, augmented reality face filters and virtual reality gaming platforms and the building applications used to deploy and which devices they can be deployed to. The class will include demos of various AR/VR applications , VR Headsets and latest news on future applications and upcoming devices.

AR-320. Augmented Reality. 3.00 Credits.

Augmented Reality's (AR) emerging technology is changing human interaction in education, entertainment, gaming, and engineering industry at a rapid pace. This program is a comprehensive introduction to developing Augmented Reality applications using Spark AR and Unity. Students will create virtual applications that will be deployed to mobile devices. The class will include demos of various AR applications and the latest news on future applications and upcoming devices. Additional course fee of \$75. Course Type(s): Lab Courses.

AR-337. Advanced Photography. 3.00 Credits.

Intensive darkroom work to produce exhibition quality portfolios. Technical information will be stressed.(Visual Arts elective) Prerequisites: AR-158.

AR-338. Ethics and Photography. 3.00 Credits.

The writings of A.D. Coleman, Susan Sontag, James Mitchell and others which form the basis for analysis of trends in photography. Visits to exhibitions in SoHo and Chelsea will be scheduled.(Visual Arts elective) Prerequisites: COMPLETE 6 CREDITS: 1 FROM COURSE PL-130 PL-140 AND 1 COURSE FROM COURSE TH-110 TH-120; Course Type(s): Values.

AR-339. The Pavan Graphic Publishing. 3.00 Credits.

Students will produce a professional magazine publication. The perfect portfolio project. Working with the editorial team, graphic arts students will illustrate stories and poems and use their InDesign skills to design SPU's Pavan Arts and Literary Publication. Style sheets, master pages and templates. Linear blends, bleeds, color and trapping. (Graphic Arts elective) Prerequisites: AR-214 AR-220 AR-232.

AR-340. The Visual Arts in America. 3.00 Credits.

A survey of art in the United States from the Colonial period to the present.(Art History elective).

AR-350. Typography. 3.00 Credits.

Placement, sizing, personality, color, tracking, kerning, leading and other aspects of type plus its history and use as abstract design elements. Student create fonts. Additional course fee of \$75.(Graphic Arts elective) Prerequisites: AR-214 AR-220 AR-232.

AR-361. Color Photography I. 3.00 Credits.

This course explores the theory, manipulation, lighting (daylight and flash), and the printing of color photography. (Visual Arts elective) Prerequisites: AR-157.

AR-366. Digital Design Tools. 3.00 Credits.

Analysis and skills development in areas of: color, memory management, text, format, web use and print. Projects require use of Graphic software in tandem. Additional course fee of \$75.(Graphic Arts elective) Prerequisites: AR-220.

AR-367. Advertising and Packaging Design. 3.00 Credits.

This course explores various approaches to 3-D design. Students develop and execute package designs, fabrication materials and techniques. (Graphic Arts elective) Prerequisites: AR-214 AR-220.

AR-368. Graphic Design. 3.00 Credits.

This course introduces the student to the basic ideas of design: symbology, typography, illustration and photography. The student will be exposed to the essentials of the field, the use and care of materials, career options, and an introduction to basic terminology. The organization and communication of information through work and image will be emphasized. (Graphic Arts elective) Prerequisites: AR-214 AR-220.

AR-370. Mobile App Design. 3.00 Credits.

This class gives the students an understanding of the growing use of mobile applications. Students will build their interface design (UI) and user experience design (UX) using Adobe XD, building wireframes and prototypes to show how their mobile application will work. Other programs used in the course will be Adobe Illustrator and Adobe Photoshop to develop the overall style of their apps, including things like the color scheme, font selections, and the types of buttons and widgets the user will use in the final interface design. Course Type(s): Lab Courses.

AR-371. Graphics and Digital Marketing. 3.00 Credits.

In the exciting industry of Digital Marketing students will learn how important and necessary graphics and designers are in digital marketing. Lessons will cover strategic designs that communicate to a target audience for specific brands, how brand identity and consistency are crucial in the digital marketing websites, social media channels, e-commerce advertising and the future of advertising such as XR, NFTs and the Metaverse.

AR-375. Camera Raw. 3.00 Credits.

This course is designed to introduce the student to the creative and technical possibilities of photography and digital media. Hands-on sessions as well as demonstrations will enable the student to learn the basics of using a digital camera and the imaging software Photoshop, Camera Raw and iPhoto. Topics to be cover will include camera operation, shutter speed, aperture, focal length, composition, lighting for fine art shooting, uploading files, image enhancement, bit depth, resolution, file size, histograms, curves archiving, organizing and storing work, printing and more.(Graphic Arts elective) Prerequisites: AR-224.

AR-376. Digital Photography. 3.00 Credits.

This course is designed to introduce the student to the creative and technical possibilities of photography and digital media. Hands-on sessions as well as demonstrations will enable the student to learn the basics of using a digital camera and the imaging software Photoshop Camera Raw and Photo. Topics to be cover will include camera operation, shutter speed, aperture, focal length, composition, lighting for fine art shooting, uploading files, image enhancement, bit depth, resolution, file size, histograms, curves archiving, organizing and storing work, printing and more.(Graphic Arts elective).

AR-381. Art of Web Design. 3.00 Credits.

Learn to design customized user-friendly responsive website, portfolio-worthy projects. Learn to design dynamic Web and mobile experiences with typography, HTML, CSS, and more. Explores artistic aspects, ideas and techniques of Web design coding and design with Dreamweaver. Class will review WEB 3.0 and the future of the internet. The course will also cover websites template solutions such as Wordpress. Additional course fee of \$75.(Graphic Arts elective) Course Type(s): Lab Courses.

AR-382. Piano Workshop. 3.00 Credits.

A studio course to develop student's basic, beginning level skills as well as those of intermediate level students. (Music elective).

AR-383. Animation Production. 3.00 Credits.

A career in Animation is a fun and exciting industry which is used in entertainment, arts, business, and social media. A skill that is always in demand and is high paying. Students will learn the basics to animation and storytelling using various programs such as: Adobe Animate, Spark AR, Unity, and Blender, Media Encoder. Topics covered will Include: animation, storytelling with animation, augmented reality and virtual spaces and motion graphics, tweening, video effects, movie clips and importing sounds. We will also work with video compression and compatibility formats. Course Type(s): Lab Courses.

AR-384. Art and Buddhism. 3.00 Credits.

A value-oriented, in-depth study of Buddhist theology and philosophy as expressed in art. Buddhisms changing visual expressions will be investigated. Emphasis will be placed on artistic expression of religious values. Additional course fee of \$235.(Art History elective) Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

AR-391. User Experience. 3.00 Credits.

User Experience (UX) Design is one of the most in demand professionals for designers today. This course will focus on UX's conceptual design discipline that focuses on interactions between human users, machines, and contextual environments to design systems that address the user's experience. This hands-on UX class allow the student to learn about the complete UX design process; user research, requirements gathering, user flows, sketching and wire framing, prototyping, usability testing, development and post-development. This UX class will blend lecture, discussion, industry examples, and classroom activities. User Interface (UI) Design is the compliment to UX Design. It explores the look and feel, the presentation and interactivity of a product. The differences between these two areas will be investigated. Course Type(s): Lab Courses.

AR-399. Independent Study. 3.00 Credits.**AR-424. Baroque Art and Culture. 3.00 Credits.**

Interdisciplinary study of Baroque, 17th Century, Art and Culture focusing on Rembrandt and Rubens and the political and religious disputes which differentiated their artistic expression. Course Type(s): Capstone, Writing Intensive.

AR-430. Sr Thesis Project/Portfolio Presentation. 3.00 Credits.

This class is designed to provide the Studio Art and Graphic Design student with a cumulative experience of their major. A completed portfolio representing the studio area of specialization, along with a written statement of personal philosophy in the development of the visual imagery, will be presented in the form of a show. A wide variety of career-oriented topics will be discussed. Resume, cover letters and other self-promotional and business skills will be addressed.(Graphic Arts elective) Course Type(s): Capstone, Writing Intensive.

AR-499. Short-Term Study Abroad. 3.00 Credits.

Additional travel course fee of \$50. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): International (Travel), Values.

AS Courses

AS-101. Intro Latin Amer & Latino Stud. 3.00 Credits.

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

AS-137. Nonviolence Community Org. Social Move. 3.00 Credits.

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

AS-177. Introduction to Africana Studies. 3.00 Credits.

This course offers an introduction to the field of Africana Studies. It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic, music, poetry and social movements. Course Type(s): Pluralism.

AS-200. Ethnic and Racial Relations. 3.00 Credits.

The study of inter ethnic and interracial relations. American and international experiences of immigrant groups, majorities, minorities, dominant cultures, and subcultures.

AS-202. Urban Music: Jazz to Hip-Hop. 3.00 Credits.

This course studies the history of urban music from jazz to rock and roll up to today's urban sounds. The course will concentrate both on the music and its socioeconomic impact on the urban landscape. Course Type(s): Pluralism.

AS-213. Multiculturalism in Justice. 3.00 Credits.

Understanding community groups of various ethnic, racial and cultural backgrounds, elevating the awareness in Law Enforcement Agencies. Prerequisites: CJ-165 CJ-170.

AS-230. Black American Politics. 3.00 Credits.

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics. Prerequisites: AS-175 AS-177 SO-121 OR UR-151.

AS-235. Harlem Renaissance. 3.00 Credits.

The examination of the art, music, poetry, and politics of the Harlem community in the 1920's and 1930's. Prerequisites: UR-151 OR SO-121; Course Type(s): Pluralism.

AS-245. Haitians in America: Culture/Identity. 3.00 Credits.

Examines the history and experiences in America, paying special attention to how and why Haitians come to the U.S. It also explores patterns of settlement and mobility as well as interaction with other groups. Prerequisites: AS-175 OR AS-177 OR SO-121.

AS-273. Global Feminisms. 3.00 Credits.

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality.

AS-286. Haiti and the Revolution (1791-1804). 3.00 Credits.

This course will examine the Haitian Revolution of 1791-1804 and the formation of the first independent nation in the Caribbean. Course Type(s): Pluralism.

AS-288. The Role of Religion in Social Protest. 3.00 Credits.

This course examines various formal and informal roles of religions in social protest from the New York City uprisings through Black Lives Matter and beyond. Prerequisites: SO-121 OR UR-151 OR AS-177.

AS-297. Fat Feminism and Comparative Politics. 3.00 Credits.

A look at the American diet industry and medical institutions as they relate to the intersection of fat-phobia as anti blackness. A connection to how modern feminism has shaped the body positivity movement and the evolution of fat politics.

AS-319. Politics and Pandemics. 3.00 Credits.

The COVID-19 pandemic sparked intense discussion about the political and economic factors and responses that have shaped this most recent iteration of a world pandemic. This course considers the political, economic, and climate change realities that have ushered forth the COVID-19 pandemic, as well as previous world vital catastrophes. Also, it looks at what these epidemics reveal about the injustices that permeate societies, and why marginalized communities, such as immigrants, communities of color, the elderly, and the economically impoverished disproportionately bear the brunt of the pandemic's brutal effects. Finally, and in the words of Arundhati Roy, how might we walk through the portal of the pandemic in a liberated way?.

AS-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

AS-339. Literature of the Black Atlantic. 3.00 Credits.

Africana culture has flowed across the Atlantic Ocean littoral from the earliest days of the trans-Atlantic slave trade - not just from West Africa to the New World, but back and forth in complex circuits interconnecting the black peoples of West Africa, the Caribbean, the United States, and the United Kingdom. This is what scholar Paul Gilroy, in his groundbreaking formulation, calls "the Black Atlantic": an Africanist socio-cultural entity that traverses national and geographic borders. This course examines the literature of the Black Atlantic, proceeding from a survey of different theorizations of blackness to an analysis of select works by black authors that focus particularly on social and cultural encounters, exchanges, movements, and inter-group conceptualizations of different Africana peoples. Prerequisites: ONE COURSE FROM EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 OR EL-208; Course Type(s): Pluralism, Writing Intensive.

AS-340. Intercultural Relations. 3.00 Credits.

An examination of the influence of cultural factors on human thought, emotion and action. Theoretical and methodological issues in intercultural relations are reviewed and observational studies conducted. Prerequisites: SO-121.

AS-343. Black Theology. 3.00 Credits.

The study of the origins and influence of the major religious traditions found in the American Black community. May substitute for TH-120 or be used as a Values course, but not both. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

AS-353. Sociology of the Black Family. 3.00 Credits.

Course examines the black family in historical and contemporary perspectives. Emphasis is placed on how these are a variety of ?families? in the African-American community as well as all other communities. Prerequisites: AS-175 AS-177 SO-121 OR UR-151.

AS-359. African-American Writers. 3.00 Credits.

A survey of the major literary achievements of black American writers. Prerequisites: CM-115 CM-117 OR CM-120; Course Type(s): Writing Intensive, Pluralism.

AS-362. African American Literature. 3.00 Credits.

Students will experience the artistry of American writers of color by tracing their development from the early slave narrative to contemporary works of film, novels, and poetry. Discussions will revolve around these texts to familiarize readers with theories of formal literary reading, and cultural/ethnic distinction subjects include gender-based criticism, theories of community, and attitudes toward racism and prejudice. Prerequisites: CM-115, CM-116 OR CM-120 AND ONE 200-LEVEL COURSE.

AS-380. Spatial Justice Cities and Resistance. 3.00 Credits.

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

AS-399. Independent Study. 1.00 Credit.**AS-411. Nationalism and Revolution. 3.00 Credits.**

A comparative and analytical study of nationalism and revolutionary movements. Nation-building in contemporary underdeveloped countries.

AS-412. Ethnicity and Race in Urban History. 3.00 Credits.

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR UR-151, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

AS-428. Literature of East and West Africa. 3.00 Credits.

A study of seminal texts representing the Acholi, Gikuyu, Malinke, Igbo, Wolof, Bambara and Senegalese peoples of East and West Africa. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course.

AS-489. Globalization and Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

AT Courses**AT-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

AT-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.

This course will offer students an introduction to lesbian, gay, bisexual and transgendered studies. Along with a focus on the history of this topic as a social movement, the course examines the topic from community, social justice and lifestyle perspectives.

AT-140. Introduction to Women's Studies. 3.00 Credits.

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships. Course Type(s): Pluralism.

AT-232. China: Environmntl Chnge & Possibilities. 3.00 Credits.

This course focuses on the social, political, economic and cultural variable that impact the Chinese environmental deterioration and these consequences for the world at large. Alternative models of environmental conservation are included. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

AT-235. Harlem Renaissance. 3.00 Credits.

This course examines the period beginning in the 1920's known as the Harlem Renaissance. It was a time when black and white Americans alike discovered the vibrancy and uniqueness of black art, music, and literature. The class will also examine the importance of external forces, both positive and negative. Prerequisites: UR-151 OR SO-121; Course Type(s): Pluralism.

AT-275. Pre-Columbian Civilizations. 3.00 Credits.

This course will examine the cultures, including their rises and falls, of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives. Inca, Myan, Aztec, and Others. Prerequisites: SO-121.

AT-283. The Conspiracy Theory Film. 3.00 Credits.

The course looks at the themes of conspiracies and paranoia in film and popular culture. Students examine how social and political conflicts through the decades have created fears of large-scale corruption in organizations of power and how these fears were translated to the movie screen. Prerequisites: CM-115 CM-116 OR CM-120.

AT-288. The Role of Religion in Social Protest. 3.00 Credits.

This course examines various formal and informal roles of religions in social protest from the New York City uprisings through Black Lives Matter and beyond. Prerequisites: SO-121 OR UR-151 OR AS-177.

AT-294. Native American Cultures. 3.00 Credits.

An examination of the diversity of North American tribes from their migration from Asia to the present. Included are comparisons between tribes, government policies and recent revival of many groups.

AT-301. Introduction to Archeology. 3.00 Credits.

This course provides an introduction to archeology with its important interdisciplinary perspectives including History, Physical Anthropology, Environmental Studies and Cultural Anthropology. Prerequisites: SO-121 OR UR-151.

AT-309. Women in Changing Urban World. 3.00 Credits.

Historical and contemporary examination of urban revolution as social basis for changing roles of women. Generation of conflicts and possibilities. Implications for society. Prerequisites: UR-151 OR SO-121.

AT-312. Biology of Global Change. 3.00 Credits.

This course will investigate natural and anthropogenic global change and its impact on marine, fresh water, terrestrial and human dominated ecosystems. Prerequisites: C OR BETTER IN BI-184 FOR BIOLOGY MAJOR OR MINOR.

Course Type(s): Pluralism, Interdisciplinary.

AT-313. Human Evolution Ecology and Adaptation. 3.00 Credits.

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs. These adaptations and their consequences for changes in human ways of life are central to this course. Prerequisites: BI-184 OR SO-121.

AT-320. Anthropological Linguistics. 3.00 Credits.

This course explores sociocultural linguistics in the context of its connections to cultural anthropology. Prerequisites: SO-121 OR UR-151.

AT-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

AT-345. Sociology of Intimacy. 3.00 Credits.

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce. Prerequisites: SO-121 OR UR-151.

AT-351. Latina/O/X Communities. 3.00 Credits.

An in-depth examination of the social, cultural, economic, historical, and political contexts shaping the experiences of long-established and recent immigrant Latino/a/x and Latin American groups in the United States. The course will examine the formation of communities in different geographical regions, as well as by national, socio-cultural, ethnic, and political affinities. Prerequisites: SO-121 OR UR-151 OR LS-101; Course Type(s): Pluralism, Interdisciplinary.

AT-370. Urban Anthropology. 3.00 Credits.

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

AT-380. Spatial Justice Cities and Resistance. 3.00 Credits.

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

AT-384. Cultural Anthropology. 3.00 Credits.

An analysis of the development of anthropology as an offshoot from Sociology; an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures. Prerequisites: SO-121 OR UR-151; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

AT-428. Literature of East and West Africa. 3.00 Credits.

A study of seminal texts representing the Acholi, Gikuyu, Malinke, Igbo, Wolof, Bambara and Senegalese peoples of East and West Africa. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course.

AT-489. Globalization and Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Prerequisites: SO-121 OR UR-151 OR PO-100; Course Type(s): International (Travel), Pluralism.

BA Courses**BA-151. Principles of Management. 3.00 Credits.**

An analysis of the management process. Introductory course in management.

BA-155. Principles of Marketing. 3.00 Credits.

Business activities involved in the flow of goods and services from production to consumption.

BA-157. Ms Excel for Accounting and Business Env. 3.00 Credits.

Students will gain proficiency in Microsoft Excel for accounting and business environments. The course will cover understanding basic spreadsheet terminology and navigation including filters and sorts; basic and intermediate formulas such as Dsum, Vlookup, and Match; analytical tools such as PIVOT tables; and presentation skills such as formatting, graphs, and charts. This course will use a case study approach that will enable students to learn from sample client needs and constraints (for example, putting raw data into a format needed for client analysis). Upon completion of this course, students should have a strong proficiency in Excel that they can apply in a professional capacity.

BA-210. Health Care Issues and Organization. 3.00 Credits.

An introduction to current health care issues including telemedicine as well as political and pluralistic factors impacting healthcare are explored. Overview of types of healthcare systems and organizations including non-profit and proprietary institutions is addressed.

BA-214. Corporate Analysis. 3.00 Credits.

This course equips participants with analytical skills to critically evaluate publicly traded companies. It includes written analysis of companies and the oral presentation of the results to a panel of industry experts. Students registered for this course may also take part in the Chartered Financial Analyst (CFA) global challenge. Prerequisites: BA-151, BA-155, AND MA-212.

BA-217. Planning and Finance for Nonprofits. 3.00 Credits.

This course focuses on management and financial issues in the nonprofit sector, including healthcare, education, government agencies and foundations, with a special focus on the arts and cultural sector. Through a combination of lecture, case study and practicum, students will learn the managerial dimension of this sector. The course includes an overview of nonprofit planning, control methods, funding, stakeholder communications, endowment management, credit analysis, governance issues, industry trends, advisory board issues, and philanthropy.

BA-218. Media Business. 3.00 Credits.

An examination of media as a profit-making industry. The roles of sales, advertising and investors are viewed, as are trends of corporate media and entrepreneurship. Public relations and ethics are introduced. Prerequisites: CM-115 CM-116 OR CM-120.

BA-230. Marketing for Artists. 3.00 Credits.

Making art is the fun part. Now you have to get your work out there! Not sure how to market your art? This course in Marketing for Artists will show students tips and tools to help them learn how to promote themselves as an artist. Art marketing is a key part of being an artist. This course will cover building an online portfolio, writing an Artist Statement, social media best practices, SEO (search), and other essential marketing tools to promote yourself in the art world. Virtual galleries, changes in new media and how that impacts artist and Gallery relationships. What do you do when you get the sale? We will discuss contracts, price lists, and how artists can protect themselves legally. We will also have guest speakers for the class to hear from other professionals.

BA-231. Business Sustainability. 3.00 Credits.

This introductory course aims to help participants deepen their knowledge of integrating sustainability into business practices, operations and policies. The course will also explore the major sustainability issues and trends that foster organizational resiliency over time and in addition examine the best practices that lead to economic efficiency, social equity and environmental accountability. Prerequisites: BA-151 AND BA-155.

BA-240. Organizational Behavior. 3.00 Credits.

Interdisciplinary study of interactions between individuals and groups within organizations. Prerequisites: BA-151 BA-155.

BA-242. Sales Management. 3.00 Credits.

Organization and administration of the sales function with emphasis on the human factors. Prerequisites: BA-151 BA-155.

BA-246. Export Management. 3.00 Credits.

Research and studies in foreign markets to locate and develop export business, including payment systems, transportation, and logistics. Prerequisites: BA-151 AND BA-155; Course Type(s): Pluralism.

BA-247. Marketing Communications and Branding. 3.00 Credits.

This course is designed as an exploration of the history, development and current strategies, tactics and technologies of Integrated Marketing Communication (IMC) and branding. Using major communication theories, students will explore integrating the practices of marketing, advertising, public relations, publicity, special events, promotions, and a variety of promotional activities in a changing world of new relationships with consumers and new media technologies. Prerequisites: BA-151 BA-155 CM-115 CM-117 OR CM-120.

BA-248. Intl Bus and the Global Marketplace. 3.00 Credits.

This course focuses on exploring terminology, scope, status and evolving patterns of international business. Specifically, the course addresses the role of social, cultural, political, ethical, technological, environmental and economic factors in the international context; the impact of global forces on businesses at home and abroad; role of governments in promoting and protecting business interests at home and abroad; role of international agencies in the functioning of business; and the interlink between managerial, operational, marketing, and financial functions in doing business abroad.

BA-249. Sports & Entertainment Marketing. 3.00 Credits.

Analysis of strategic marketing processes in the spectator events industry with emphasis on consumers, suppliers, and owners. Prerequisites: BA-151 BA-155.

BA-250. Consumer Behavior. 3.00 Credits.

An interdisciplinary approach to the study of marketing with the focus on consumers. Prerequisites: BA-151 BA-155.

BA-271. Concepts of Public Health. 3.00 Credits.

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

BA-282. Leadership. 3.00 Credits.

An examination of the foundations of leadership by major theorists. Current and emerging leadership models will be studied in the context of the business environment. Course Type(s): Interdisciplinary.

BA-287. Introduction to Business Analytics. 3.00 Credits.

This course introduces students to some of the tools that businesses use to optimize their activities. Students will among others, learn how to use Excel Solver, POM QM and also conduct spreadsheet sensitivity analysis.

BA-295. Credited Internships. 3.00 Credits.**BA-315. Business and Professional Communication. 3.00 Credits.**

How to communicate in various channels necessary for the efficient functioning of groups and organizations. This includes writing for all forms of print and online, as well as, understanding interpersonal interaction and group dynamics that support and promote effective teamwork. Prerequisites: CM-115 CM-117 OR CM-120; Course Type(s): Writing Intensive.

BA-319. International Marketing. 3.00 Credits.

Marketing activities involved in successful international business operations. Emphasis on the application of marketing principles to the international environment. Prerequisites: BA-240 BA-250 OR BA-248 OR PERMISSION OF INSTRUCTOR; Course Type(s): Pluralism, Senior Seminar.

BA-320. Augmented Reality. 3.00 Credits.

This course covers the technical and experiential design foundation required for the implementation of immersive environments in current and future virtual, augmented and mixed reality platforms. The curriculum covers a wide range of literature and HCI concepts following the evolution of all supporting technologies including visual displays for VR, AR and MR, motion tracking, interactive 3D graphics, multimodal sensory integration, immersive audio, user interfaces, IoT, games and experience design.

BA-322. Corp Situational Analysis & Problem Solv. 3.00 Credits.

This is an advanced course and involves a student application and competitive selection process. The course focuses on the analysis of complex business problems and their causes, inter-functional implications and development of recommended solutions. These problems encompass a wide range of business disciplines including finance, marketing, public relations, and operations. Extensive use of the case method is used to illuminate key learning points. Students will learn and apply research, decision making and problem solving skills.

BA-325. Ethics: Business and Economic Community. 3.00 Credits.

An investigation of the responsibilities of management, ranging over problems encountered by both public and private, multinational and local concerns. Prerequisites: BA-240 BA-246 BA-248 OR BA-250; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive.

BA-327. Digital and Social Media Marketing. 3.00 Credits.

This course introduces students to the current thinking, practice and developments in digital and social media marketing, including: Social media marketing for B2C, B2B, not-for-profits, Internet marketing, online PR and reputation management, and mobile marketing. Prerequisites: CM-115 CM-117 OR CM-120.

BA-330. Negotiation and Conflict Resolution. 3.00 Credits.

This course focuses on the nature, cause, progression and resolution of conflicts and disputes. Particular emphasis will be placed on disputes involving commercial issues and businesses. Students will gain knowledge and apply techniques to facilitate, mediate and successfully resolve disputes over a range of situations. Methods of conflict de-escalation and pursuit of settlement through negotiation will be learned and applied. Prerequisites: BA-240 OR BL-161.

BA-335. Latino Marketing Communication Culture. 3.00 Credits.

An in-depth, critical examination of marketing and communication strategies in the Latino community. The course invites students to explore what the terms Latino and Latino culture mean, question their saliency, and to weight the implications that marketing and communication campaigns can have on consumption patterns, entrepreneurship, organizations, and Latino identity. Prerequisites: BA-155 OR LS-101 OR SO-121 OR EC-101; OR PERMISSION OF INSTRUCTOR. Course Type(s): Pluralism.

BA-340. E-Business. 3.00 Credits.

Examines new models, themes, and examples for describing electronic commerce and its impact on business and society. Prerequisites: BA-240 BA-246 OR BA-250.

BA-343. Human Resource Management. 3.00 Credits.

Human resource management and personnel administration. Prerequisites: BA-151 AND BA-155.

BA-347. International Management. 3.00 Credits.

Examination of global business and the multinational corporation. Analysis and development of management strategies within the context of the political, legal, cultural and socioeconomic environment of the host nations. Prerequisites: BA-240 OR BA-248 OR BA-250; Course Type(s): Pluralism, Senior Seminar.

BA-350. Operations and Logistics Management. 3.00 Credits.

A survey of the various operations required to produce goods and services. Prerequisites: BA-240 BA-246 OR BA-250 MA-105 MA-106.

BA-351. Marketing Research. 3.00 Credits.

Basic methods and tools utilized in gathering and analysis of supportive marketing data for executive decision making. Prerequisites: BA-250 EC-300; Course Type(s): Senior Seminar.

BA-353. Project Management. 3.00 Credits.

This course develops a foundation of concepts and solutions that supports the planning, scheduling, controlling, resource allocation, and performance measurement activities required for successful completion of a project.

BA-355. Video Storytelling. 3.00 Credits.

This course is designed to introduce video storytelling, shooting and editing techniques for multi-platform environments in journalism, public relations, advertising and marketing. The course will teach students to recognize and understand the technical and aesthetic aspects of visual storytelling, and how to produce narratives using a combination of still images, video, ambient sound, interviews and graphics. Prerequisites: CM-115 CM-117 OR CM-120.

BA-360. Public Relations. 3.00 Credits.

Influencing public opinion is the major goal of public relations activities. This course examines the roles of opinion research, press agency, product promotion, publicity, lobbying, public affairs, fund-raising and special events management in creating a favorable image for a client. Writing skills are emphasized. Prerequisites: CM-115 CM-117 OR CM-120.

BA-363. Entrepreneurship: Creativity/Innovation. 3.00 Credits.

Challenges and problems in managing small businesses. Techniques of planning, obtaining funding for, and operating new and/or existing business ventures. Prerequisites: BA-240 OR BA-246 OR BA-250.

BA-381. Business Ethics & Legal Liability. 3.00 Credits.

This course provides an understanding of the legal and other exposures that confront organizations that fail to operate in a framework of honesty, integrity, and ethical behavior. It assists students to understand exposures in contracts and relationships with employees and third parties. It examines ethical behavior in business settings and shows the financial and other benefits to encouraging integrity across the enterprise. Uses case studies and exercises to illustrate concepts. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

BA-382. Insurance & Risk Management. 3.00 Credits.

This course covers hazard risk and insurable exposures and techniques to mitigate them. It begins with the nature of risk. Then it examines avoidance, retention, reduction and transfer of risks. Topics include property, employer and general liability, homeowners and automobile coverages, the role of the modern risk manager.

BA-383. Enterprise-Wide Risk Management. 3.00 Credits.

This course covers the management of business and operational exposures in a framework of enterprise risk management (ERM). It examines the scope of risk management, the importance of risk identification, and the alignment of risk categories with the corporate business mode. It addresses functional, business unit, and key initiative exposures and the hierarchical structure to effectively manage the exposures. Prerequisites: AC-152 BL-161 EC-102 BA-319 BA-347 OR BA-351.

BA-384. Sarbanes Oxley Compliance. 3.00 Credits.

This course covers the requirements under the Sarbanes-Oxley legislation to increase the reliability of financial reporting and compliance with applicable laws and regulations. It covers the Public Accounting Oversight Board, parties regulated by the Act, policies mandated for public auditing firms, and the role external auditors. A major focus of the course deals dealing with the securities acts, audit and non-audit services, the role of the board of directors, and penalties for violations of securities and other laws.

BA-388. Intro to Predictive Analytics & Visual. 3.00 Credits.

In this course students are introduced to a variety of techniques including predictive modeling, data mining, and data visualization to analyze current and historical facts to make predictions about future business events. Students will, among others, learn how to improve their decision-making skills by boosting their visual thinking in this course. Prerequisites: BA-287.

BA-394. Industry Practices in Project Management. 3.00 Credits.

The course introduces traditional methods in project management, including project integration, project scope management, project time and cost management, and quality management, as well as the latest agile practices. Content is consistent with the PMBOK® Guide as well as other PMI standards and agile guides. Students prepare for the PMP® certification exam and learn to use Microsoft® Project to automate processes. The course prepares students to become Certified Associates in Project Management (CAPM®) or Certified Project Management Professionals (PMP®), if desired. Case studies, simulations, and software development projects are used throughout.

BA-414. Predictive Modeling. 3.00 Credits.

The course will introduce the student to higher level techniques of predictive modeling and analytics in a data-rich business environment. It covers the process of formulating business objectives, data selection, preparation, and partition to successfully design, build, evaluate and implement predictive models or a variety of practical business applications. It is a practice-oriented course will focus on applying data analytic tools to help companies answer critical business questions. Prerequisites: BA-287.

BA-421. Doing Business Overseas. 3.00 Credits.

This course is designed to expose students to the global business and legal environment through short-term study visits to selected overseas countries. The aim is to help participants develop a better and more practical understanding of the political, economic, legal and cultural environments of the countries visited. Possible additional nominal course fee required. Additional course fee of \$50. Course Type(s): International (Travel), Pluralism.

BA-458. Business Strategy. 3.00 Credits.

In this class students learn and practice how to craft, implement and evaluate cross-functional decisions in an integrated fashion. They develop their strategic management skills through a series of business strategy simulation games. As part of a management team, they "own" a business and play the role of managers who develop policies and plans to achieve organizational objectives. Prerequisites: AC-152 BL-161 EC-102 AND EC-300; Course Type(s): Capstone.

BA-465. Executive Seminar. 3.00 Credits.

An examination of contemporary management issues conducted by senior decision makers from both private and public sectors. Open by invitation only to Honors students and other qualified advanced undergraduates. Additional course fee of \$45.

BA-496. Seminar in Business Administration. 3.00 Credits.

This professional consultancy capstone course helps students to integrate and apply concepts, skills and techniques acquired in previous courses. The course requires deep student engagement, team collaboration and problem solving. This will be achieved by engaging with actual small/mid-size businesses. Participants will plan, execute and report findings of a consulting engagement with an assigned local business. Additional course fee of \$45. Prerequisites: BA-458, AND EITHER FN-401 OR FN-415; Course Type(s): Capstone.

BA-499. Business Internship Experience. 3.00 Credits.

This course is for upper level students, and involves an experiential learning component. Students must have an approved internship during the semester of enrollment and must work at least 10 hours per week in order to be eligible to register. Course content focuses on development of crucial soft skills, like interpersonal communication, teamwork, leadership, negotiation in the context of a job or internship as well as application of business knowledge to situations, experiences, problem-solving and adapting to the work environment. Prerequisites: BA-151, BA-155, AND JUNIOR STATUS.

BC Courses**BC-295. Credited Internships. 3.00 Credits.****BC-390. Spec Topics: Biological Chem. 3.00 Credits.**

Conferences and literature research directed to the study of a particular area of biological chemistry. Area selected must coincide with faculty expertise. Prerequisites: BI-240 CH-366; Course Type(s): Capstone, Writing Intensive, Senior Seminar.

BC-399. Independent Study. 1.00 Credit.**BC-442. Biochemistry I. 3.00 Credits.**

Protein structure and function, enzymes, enzyme kinetics and mechanism, metabolism, techniques in protein chemistry. Prerequisites: CH-251.

BC-442L. Biochemistry 1 Lab. 1.00 Credit.

Protein purification, enzyme kinetics, enzyme inhibition and western blotting. Prerequisites: CH-251; Course Type(s): Lab Courses.

BC-443. Biochemistry II. 3.00 Credits.

Biosynthesis, hormone regulation, RNA and DNA metabolism, Regulation of gene expression, Techniques in nucleic acid chemistry. Prerequisites: BC-442.

BC-443L. Biochemistry II Lab. 1.00 Credit.

Biosynthesis, hormone regulation, RNA and DNA metabolism, regulation of gene expression, techniques in nucleic acid chemistry. Lab Prerequisites: BC-442; Course Type(s): Lab Courses.

BC-492. Biological Chemistry. 3.00 Credits.

The chemistry and metabolism of biological compounds, including proteins, carbohydrates, lipids and nucleic acids. Enzyme kinetics, bioenergetics and cellular organization. Expression and processing of biological information including replication of DNA, transcription, translation, regulation and recombinant DNA technology.

BI Courses**BI-122. Nutrition in Health and Disease. 3.00 Credits.**

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being. Course Type(s): Natural Science, Stem.

BI-123. Concepts of Biology. 3.00 Credits.

The major concepts which unify the attempt of scientist to achieve an ever increasing understanding of life. The comprehension of these concepts enables a solid foundation in the scientific method, chemistry of life, metabolism, genetics, evolution and diversity of life. Course Type(s): Natural Science, Stem.

BI-124. Human Structure and Function. 3.00 Credits.

The morphology and physiology of the human body. The structure and role of all systems. Interaction of systems with each other and with the environment. Course Type(s): Natural Science, Stem.

BI-125. Heredity. 3.00 Credits.

Principles of genetics applied to humans. Human traits, genetic basis of human disorders, genetic counseling, and genetic engineering. Course Type(s): Natural Science, Stem.

BI-126. The Human Environment. 3.00 Credits.

Relationships between humans and their environment. Sources of energy and food. Pollution, conservation of natural resources, and population problems. Course Type(s): Natural Science, Stem.

BI-161. Basic Microbiology. 4.00 Credits.

The biology of bacteria and viruses: their morphology, physiology, and ecology. The role of microorganisms in disease and the principles of immunology. Includes laboratory.

BI-161L. Basic Microbiology Lab. 0.00 Credits.

Laboratory for BI-161 Basic Microbiology Prerequisites: BI-161 Course Type(s): Lab Courses.

BI-171. Anatomy and Physiology I. 4.00 Credits.

Emphasis on the structure and function of the major systems of the human body and its variations from the normal. The cellular, embryological, and genetic basis of structure and function are also considered. Includes laboratory. Not open to majors in biology and natural sciences. Course Type(s): Natural Science, Stem.

BI-171L. Anatomy and Physiology I Lab. 0.00 Credits.

Laboratory for BI-171 Anatomy and Physiology, I Prerequisites: BI-171 Course Type(s): Lab Courses.

BI-172. Anatomy and Physiology II. 4.00 Credits.

Emphasis on the structure and function of the major systems of the human body and its variations from the normal. The cellular, embryological, and genetic basis of structure and function are also considered. Includes laboratory. Not open to majors in biology or natural sciences. Prerequisites: BI-171; Course Type(s): Natural Science, Stem.

BI-172L. Anatomy and Physiology II Lab. 0.00 Credits.

Laboratory for BI-172 Anatomy and Physiology, II Prerequisites: BI-172 Course Type(s): Lab Courses.

BI-183. General Biology I. 3.00 Credits.

Biological principles including scientific method, biological chemistry concepts, characteristics of life, cells and reactions, Mendelian and Molecular Genetics. Course Type(s): Natural Science, Stem.

BI-184. General Biology II. 3.00 Credits.

Biological principles including origin of life, evolution, population genetics, diversity of life, comparative plant and animal biology, ecology. Prerequisites: C OR BETTER IN BI-183 FOR BIOLOGY MAJOR OR MINOR. Course Type(s): Natural Science, Stem.

BI-185. General Biology I Lab. 1.00 Credit.

Laboratory course to accompany BI-183. Additional course fee of \$100. Course Type(s): Lab Courses.

BI-186. General Biology II Lab. 1.00 Credit.

Laboratory course to accompany Bi-184. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-185 FOR BIOLOGY MAJOR OR MINOR. Course Type(s): Lab Courses.

BI-215. Principles of Anatomy and Physiology. 4.00 Credits.

Studies of the structure and function of organ systems with emphasis on homeostatic regulatory mechanisms. Include laboratory. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-184.

BI-215L. Principles of Anatomy and Physiology Lab. 0.00 Credits.

Laboratory for Anatomy and Physiology (BI-215) Prerequisites: BI-215; Course Type(s): Lab Courses.

BI-220. Concepts of Human Health & Disease. 3.00 Credits.

A survey of the mechanisms of disease, their expression in major organ systems, the factors that cause disruption of healthy body functions, leading to disease, and disease prevention. The goal is to use scientific reasoning to make informed decisions about matters related to human biology and health. Prerequisites: BI-171 AND BI-172 MINIMUM GRADE C.

BI-237. Forensic Science. 3.00 Credits.

The basic concepts and practices of biology and chemistry as applied to criminal investigation, examining and preserving forensic evidence, conducting crime-scene investigations, and science in the courts. Laboratory experience. Not open to Biology majors. Additional course fee of \$75.

BI-240. Cell and Molecular Biology. 4.00 Credits.

Living systems at the cellular, subcellular, and molecular levels, Emphasis on molecular control of cellular activity, intermediate metabolism, and energy transformation. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-184 FOR BIOLOGY MAJOR OR MINOR.

BI-240L. Cell & Molecular Bio Lab. 0.00 Credits.

Laboratory for Cell and Molecular Biology (Bi 240) Prerequisites: BI-240; Course Type(s): Lab Courses.

BI-254. Contemporary Issues in Bioethics. 3.00 Credits.

An examination of contemporary issues in biomedical ethics, including abortion, euthanasia, the doctor-patient relationship, confidentiality, truth-telling, genetics, cloning, reproductive technologies, the just allocation of scarce medical resources. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

BI-271. Concepts of Public Health. 3.00 Credits.

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

BI-295. Credited Internships. 3.00 Credits.**BI-301. Medical Immunology. 3.00 Credits.**

An examination of the basics of immunology from the molecular to the cellular and organism level. A discussion of interactions in the healthy and disease states and the use of immunotherapy in medicine and the future of diagnostic immunology in health care. Prerequisites: BI-240 MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

BI-303. Medical Terminology. 3.00 Credits.

This course is designed to provide the student with a basic understanding of the unique language needed to communicate effectively as a health care professional. A major focus is to develop skill sin word analysis. The basic structure of medical terms and the rules for word building and word deconstruction will be discussed in the context of how the body works in health and disease. Prerequisites: BI-215 OR BI-172.

BI-310. Ecology. 4.00 Credits.

The usual definition of ecology - the relationship between organisms and their environment - is expanded to include the biological as well as the physical conditions under which an organism, population, or species lives to show that relationships involve the interactions between the biotic world and the physical world as well as between members of the same species and between different species. Additional course fee of \$100. Prerequisites: BI-183, BI-185, BI-184, BI-186, C OR BETTER IN BI-240; Course Type(s): Writing Intensive.

BI-310L. Ecology Lab. 0.00 Credits.

Laboratory for BI-310 Ecology Prerequisites: BI-184 OR BI-186; Course Type(s): Lab Courses.

BI-311. Field Studies in Biology. 3.00 Credits.

Methodology used in biology and environmental science field work will be emphasized as will data collection methods and tools used in the analysis and interpretation of data and results. Prerequisites: EV-100 OR BI-184.

BI-312. Biology of Global Change. 3.00 Credits.

This course will investigate natural and anthropogenic global change and its impact on marine, fresh water, terrestrial and human dominated ecosystems. Prerequisites: C OR BETTER IN BI-184 FOR BIOLOGY MAJOR OR MINOR.

Course Type(s): Pluralism.

BI-313. Human Evolution Ecology and Adaptation. 3.00 Credits.

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs. These adaptations and their consequences for changes in human ways of life are central to this course. Prerequisites: BI-184 OR SO-121.

BI-325. Adv. Topics in Anatomy and Physiology. 3.00 Credits.

Continuation of Bi-215, Principles of Anatomy and Physiology. Selected topics in anatomy and physiology with special reference to current clinical issues. Prerequisites: BI-215.

BI-326. Adv Topics: Anatomy and Physiology Lab. 1.00 Credit.

Laboratory course to accompany BI-325, Adv. Topics in Anatomy and Physiology. Additional course fee of \$100.

Prerequisites: BI-215; Course Type(s): Lab Courses.

BI-330. Environmental Health. 3.00 Credits.

Topics include pollution, including environmental endocrine disruptors/ plasticizers, plastic micro particles food safety natural resources and their conservation, natural medicinal products, positive effects of nature emerging infectious diseases climate change and health malnutrition the diabesity epidemic environmental causes of birth defects and cancer. Prerequisites: BI-172 OR BI-215 MINIMUM GRADE C MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

BI-340. Pathophysiology. 3.00 Credits.

Biological processes which affect the human body's dynamic equilibrium, or homeostasis, associated with potential or actual disease conditions. Prerequisites: BI-172 OR BI-215 MINIMUM GRADE C MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

BI-350. Genetics. 4.00 Credits.

Theories of heredity and variation. Pre- Mendelian, Mendelian, cytogenetics, and population genetics. Application of theories in laboratory. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-240.

BI-350L. Genetics Lab. 0.00 Credits.

Laboratory for BI-350 Genetics Prerequisites: BI-350; Course Type(s): Lab Courses.

BI-361. Criminalistics & Forensic Science. 3.00 Credits.

The theory and application of the principles of forensic science. Lab includes an analysis of the techniques and procedures in forensic science. Prerequisites: C OR BETTER IN BI-240.

BI-365. Science Teaching and Communication. 3.00 Credits.

In this course students perform a deep analysis of a socioscientific issue and develop a pedagogical/communication plan that encourages engagement and scaffolds constructive socioscientific reasoning. Prerequisites: BI-184; MINIMUM GRADE C; Course Type(s): Pluralism.

BI-370. General Virology. 3.00 Credits.

Study of the physical, chemical and biological properties of viruses. Prerequisites: C OR BETTER IN BI-240.

BI-385. Ornithology: the Science of Birds. 3.00 Credits.

The scientific study of birds, with a focus on behavior (e.g. intelligence, songs), diversity, evolution, migration patterns, and habitat needs. This course will involve fieldwork and bioacoustic analysis. Prerequisites: C OR BETTER IN BI 184.

BI-389. Intro to Forensic Pathology. 3.00 Credits.

This course introduces students to the theory and practice of forensic pathology, and underscores the importance of thorough death investigations in the criminal justice system. Topics covered includes the role of the forensic pathologist, postmortem changes, autopsies, causes of death, classification and documentation of injuries, toxicology, and other related forensic disciplines.

BI-393. Civilization & Disease. 3.00 Credits.

A survey of the impact of disease on the course of human history. Prerequisites: BI-184.

BI-394. Epidemiology. 3.00 Credits.

Applications of epidemiologic methods and procedures to the study of the distribution and determinants of health and diseases in populations. Infections versus chronic diseases, data sources, study design and measures of morbidity and mortality will be studied. Prerequisites: BI-172 OR BI-184 MINIMUM GRADE C MUST BE COMPLETED PRIOR TO TAKING THIS COURSE. MA-132 OR MA-212 CONCURRENTLY OR PRIOR TO TAKING THIS COURSE.

BI-400. Sustainability: Plan for a Better Future. 3.00 Credits.

Students will learn about the 17 United Nations Sustainable Development Goals or Global Goals which are designed to be a "shared blueprint for peace and prosperity for people and the planet, now and into the future". Students will design a project based on a deeper exploration of one (or more) sustainable goals of their choosing. Prerequisites: EV-100 OR BI-184 AND COMPLETED 60 CREDITS.

BI-435. Development. 3.00 Credits.

Developmental phenomena are approached first by analysis of the molecular and cellular basis of these processes, which are common to the eukaryotes, and secondly by descriptions of selected examples of development, including fungi, protozoa, algae, higher plants, and invertebrates. Includes laboratory. Additional course fee of \$100. Prerequisites: C OR BETTER IN BI-240; Course Type(s): Lab Courses.

BI-450. Microbiology. 4.00 Credits.

Microorganisms, with emphasis on the morphology, physiology, and ecological roles of bacteria and viruses. Principles of immunology. Includes laboratory. Additional course fee of \$75. Prerequisites: C OR BETTER IN BI-240.

BI-450L. Microbiology Lab. 0.00 Credits.

Lab to accompany Microbiology - BI-450. Prerequisites: C OR BETTER IN BI-240; Course Type(s): Lab Courses.

BI-452. Evolution. 3.00 Credits.

Consideration of organic evolution including the origin of cells, adaptive radiation, natural selection, population genetics, and human evolution. Prerequisites: BI-215.

BI-458. Parasitology. 3.00 Credits.

Biology, epidemiology, pathology, and diagnosis of animal and human parasites. Physiology of host-parasite interplay. Includes laboratory. Additional course fee of \$75. Prerequisites: C OR BETTER IN BI-240; Course Type(s): Lab Courses.

BI-460. Histology. 3.00 Credits.

Cell types and tissues of vertebrates on the microscopic and submicroscopic levels disposition of tissues in the various organs. Includes laboratory. Additional course fee of \$75. Prerequisites: C OR BETTER IN BI-240.

BI-462. Botany. 3.00 Credits.

Structure, functions, development, and ecological relationships of higher plants. Evolutionary and phylogenetic survey of the plant kingdom (including fungi). Includes laboratory. Additional course fee of \$50. Prerequisites: C OR BETTER IN BI-240.

BI-464. Immunology. 3.00 Credits.

The study of the basic concepts of cellular and humoral products of the immune system. Genetics of immunoglobulin production, antigen - antibody reactions, immunopathological mechanisms of hypersensitivity, auto immunity, transplantation and immunodeficiency. Prerequisites: C OR BETTER IN BI-240.

BI-469. Human Nutrition. 3.00 Credits.

The study of nutritional principles and the application of these principles to daily health maintenance as well as conditions which require special diet management. Prerequisites: BI-172 OR BI-215 MINIMUM GRADE C MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

BI-473. Vertebrate Zoology. 3.00 Credits.

A survey of the vertebrates with an emphasis on classification, structure, function, and evolution. Laboratory included. Prerequisites: BI-215.

BI-485. Current Issues in Biology. 3.00 Credits.

Current topics in the biological sciences. Lectures, discussions and critical analysis of journal articles and other readings related to the course. Capstone for Biology majors. Prerequisites: C OR BETTER IN BI-240; Course Type(s): Capstone, Senior Seminar, Writing Intensive.

BI-488. Astrobiology. 3.00 Credits.

The biological perspective on the origin of life, its evolution, the search for habitable planets, exploration of our solar system and beyond, and the future of life on Earth and elsewhere. Prerequisites: BI-184.

BI-489. Globalization & Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional course fee of \$50. Prerequisites: BI-184; Course Type(s): International (Travel), Pluralism.

BI-497. Research I. 3.00 Credits.

Introduction to biological research. Topics will include: experimental research techniques, bibliographic searching, the review and publishing process, presentation of papers at scientific meetings and writing grants. Additional course fee of \$50. Prerequisites: C OR BETTER IN BI-240 AND PERMISSION OF INSTRUCTOR. Course Type(s): Senior Seminar, Capstone, Writing Intensive.

BI-498. Research II. 3.00 Credits.

An original independent lab research project for upper-level students, under the supervision of a faculty member. Additional course fee of \$50. Prerequisites: C OR BETTER IN BI-240 AND PERMISSION OF INSTRUCTOR. Course Type(s): Capstone, Writing Intensive.

BI-499. Natural Ecosystems of New Jersey. 3.00 Credits.

An overview of the animals and plants of New Jersey as well as physical features such as geology and climate. Emphasis on the diversity of NJ wildlife and habitats, with discussion of such issues as conservation of natural resources, forest and wildlife management, and pollution. Will be taught through field trips. Additional course fee of \$235. Prerequisites: C OR BETTER IN BI-184 OR PERMISSION OF INSTRUCTOR.

BL Courses**BL-161. Introduction to Law & Contracts. 3.00 Credits.**

Introduction to the legal system; the nature of contracts; the statute of frauds; assignment of contracts; methods of discharging obligations in contract; remedies upon breach of contract.

BL-162. Agency & Business Organization. 3.00 Credits.

The nature and creation of an agency relationship, a partnership, a corporation the rights and duties of the various parties the law of trade regulation and unfair competition. Prerequisites: BL-161.

BL-165. International Law and Property Rights. 3.00 Credits.

The key to international business success is minimizing risk. The course emphasizes the management of risk when doing business over great distances. Examines legal aspects of trade, intellectual property and foreign direct investment.

BL-241. Real and Personal Property. 3.00 Credits.

The nature of real and personal property methods of transferring title bailment duties and liabilities of common carriers rights of society trusts insurance security interest. Prerequisites: BL-161.

BL-250. Law and Ethics. 3.00 Credits.**BL-251. Uniform Commercial Code. 3.00 Credits.**

Study of Articles 1, 2, 3, 4 and 9 of the Uniform Commercial Code. Form and content of commercial paper bank deposits and collections security interest in personal property product liability. Prerequisites: BL-161.

BL-295. Credited Internships. 3.00 Credits.

Students have the unique opportunity to earn academic credit through the Credited Internships Program at the Center for Career Engagement & Experiential Learning (CEEL). Internships can be paid or volunteer-related experiences. Course Type(s): Independent Study.

BL-310. Sports Law. 3.00 Credits.

This course will provide students an overview of law as it relates to sports topics including but not limited to sports representation and management, constitutional law, intellectual property law, Title IX and sports crimes. Prerequisites: BL-161 AND BL-162.

BL-330. Negotiation and Conflict Resolution. 3.00 Credits.

This course focuses on the nature, cause, progression and resolution of conflicts and disputes. Particular emphasis will be placed on disputes involving commercial issues and businesses. Students will gain knowledge and apply techniques to facilitate, mediate and successfully resolve disputes over a range of situations. Methods of conflict de-escalation and pursuit of settlement through negotiation will be learned and applied. Prerequisites: BA-240 OR BL-161.

BL-333. Environmental Law. 3.00 Credits.

This course is designed to expose students to several environmental statutes including the Clean Air Act and the Pollution Control Law, as well as environmental sustainability. Prerequisites: BL-161.

BL-399. Independent Study. 1.00 Credit.**BL-421. Doing Business Overseas. 3.00 Credits.**

This course is designed to expose students to the global business and legal environment through short-term study visits to selected overseas countries. The aim is to help participants develop a better and more practical understanding of the political, economic, legal and cultural environments of the countries visited. Additional course fee of \$50. Course Type(s): International (Travel), Pluralism.

BL-481. Tax Research & Writing. 3.00 Credits.

Fellows will be embedded full-time in a public accounting firm (PwC) in the Tax service area with the PwC group. Key tasks will include: Tax Research Assignment research and provide initial recommendation/conclusion on client fact pattern and applicable tax authority. Evaluate what insights would be helpful to solve a client engagement problem regarding data. As part of the process, use systems thinking to help uncover relevant insights, summarize the key outputs needed in order to solve the business problem, and share with the team.

BL-495. Exploring Legal Concepts Overseas. 3.00 Credits.

In this course we will discuss different legal concepts as they pertain to foreign countries and as compared/contrasted to the American Legal System. Such topics may include, but are not limited to, the structure of the legal system, the origin and philosophy of law, the social and economic effects of the law in the foreign country, contemporary and controversial legal issues in the foreign country, and the impact all of these concepts may have had and/or continue to have on American Law. Possible additional nominal course fee required. Additional course fee of \$50. Course Type(s): International (Travel), Pluralism.

BT Courses**BT-110. Science Goes to the Movies. 3.00 Credits.**

This course considers the evolution of the science behind the movies - the technical advances that have made modern movie making possible and how the treatment of science, scientific discovery and inventions have evolved particular movie genres. Lectures and movie clips will be used to illustrate the above.

BT-130. Technology in the 21st Century. 3.00 Credits.

This course will discuss the history, development and scientific breakthroughs that have led to the amazing devices and technologies available to humans today. Particular attention to the people, time and places involved in the development of inventions like TV, radio, computers, phones, transmission of electric power, movies, and some of the many advances in genetics and medicine.

BT-140. How Stuff Works. 3.00 Credits.

This course will illustrate how the many devices we use in everyday life were invented and how they work. Devices like the radio, TV, microwave, smart phones, computers, etc. will be used as examples.

BT-150. The Gene - Mystery of Inheritance. 3.00 Credits.

A Historical and Scientific Journey into the Mystery of Inheritance: In the past 150 years, the concept of the Gene - the molecular particle that contains the information of inheritance - has enriched human understanding of genetics. We now have the tools to control some aspects of genetics and even alter our own evolution. This course will explore this scientific journey - using the contributions of the many scientists who have written a story that is changing living history itself.

BT-301. Medical Immunology. 3.00 Credits.

An examination of the basics of immunology from the molecular to the cellular and organism level. A discussion of interactions in the healthy and disease states and the use of immunotherapy in medicine and the future of diagnostic immunology in health care. Prerequisites: BI-240.

BT-420. Biomedical Applications of DNA Tech. 3.00 Credits.

This course will focus on the use of current DNA technologies for biomedical applications. Specific emphasis will be placed on the use of these technologies in gene transfer, gene identification, genomics and gene therapy. Prerequisites: BI-240 BI-350 CH-252.

BT-429. Special Topics in Biotechnology. 3.00 Credits.

This course will explore current and new technologies developments in biotechnology. It will include the use of computer image analysis, nuclear transplantation, confocal microscopy, and protein separation technology and microarray hybridization. Ethical parties will be considered. Prerequisites: BI-240 BI-350 CH-252.

BT-440. Research in Biotechnology I. 2.00 Credits.

This laboratory course will include experience in clinical cytogenesis, molecular and biochemical genetic testing, bioinformatics, micro array chip technology, PCR and various other applications of biotechnology techniques for clinical and research work. Prerequisites: BI-240 BI-350 CH-252; Course Type(s): Senior Seminar.

BT-441. Research in Biotechnology II. 2.00 Credits.

This laboratory course builds on the previous course (Research in Biotechnology I) and expands the student's knowledge and skills in clinical cytogenesis, molecular and biochemical genetic testing, DNA microscopy, chip technology, PCR and various other applications of biotechnology techniques for clinical and research work. Prerequisites: BT-440 BI-240 BI-350 CH-252.

CC Courses**CC-256. Greek and Roman Mythology. 3.00 Credits.**

A study of Greek and Roman mythology; the theories of myth and their application to the specific cycles of myths; the use of myth in literature and art.

CC-287. The City of Rome. 3.00 Credits.

An in-depth study of the history of the City of Rome with emphasis on art and architecture. An artistic history of Rome from prehistoric times through the eighteenth century.

CC-330. Greek Mythology: When Women Were Gods. 3.00 Credits.

A study of Greek Mythology: the theories of myth and their specific influence in literature, media, and art. Prerequisites: MUST COMPLETE TWO COURSES FROM EL-121, EL-122, EL-134, EL-201, EL-202, EL-203, EL-204.

CH Courses**CH-108. Science for Educators. 3.00 Credits.**

A study of the concepts that underlie the natural science content in the elementary school curriculum in the United States. Topics include matter and energy, simple machines, sound, light, weather and climate, structure of the earth and the universe, electricity, and living things. The course is intended for individuals who expect to teach in primary & elementary school. Course Type(s): Natural Science, Stem.

CH-110. Chemical Principles. 3.00 Credits.

Structure of matter, chemical reactions, stoichiometry; preparatory course for CH-131. Course Type(s): Natural Science, Stem.

CH-129. Science Fact Or Science Fiction?. 3.00 Credits.

Students will review a selection of science fiction short stories, novels and films--in class discussion and research writing--to understand the science behind these works, in an attempt to separate fact from fiction. Partially fulfills the core requirement in natural science. Course Type(s): Natural Science, Stem.

CH-130. Chemistry & Cooking: Perfect Together. 3.00 Credits.

A look at the science behind cooking, including choice of cooking method, purpose of ingredients in a recipe, ethnic cuisines, and techniques. Course will include hands-on experience. Course Type(s): Natural Science, Stem.

CH-131. General Chem and Qualitative Analysis 1. 3.00 Credits.

Introduction to the laws and theories of chemistry, emphasizing fundamental mathematical and laboratory skills required for expertise in the field. Three class periods, one four-hour laboratory period weekly. Course Type(s): Natural Science, Stem.

CH-131L. Gen Chem and Qualitative Analysis 1 Lab. 1.00 Credit.

Laboratory for General Chemistry and Qualitative Analysis I (CH-131); Additional lab fee of \$100. Course Type(s): Lab Courses.

CH-132. General Chem and Qualitative Analysis 2. 3.00 Credits.

Introduction to the laws and theories of chemistry, emphasizing fundamental mathematical and laboratory skills required for expertise in the field. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-131 Course Type(s): Natural Science, Stem.

CH-132L. Gen Chem and Qualitative Analysis 2 Lab. 1.00 Credit.

Laboratory for General Chemistry and Qualitative Analysis II (CH-132) Additional lab fee of \$100. Prerequisites: CH-131; Course Type(s): Lab Courses.

CH-237. Forensic Science. 3.00 Credits.

The basic concepts and practices of biology and chemistry as applied to criminal investigation, examining and preserving forensic evidence, conducting crime-scene investigations, science in the courts, laboratory experience. Three class periods weekly. Additional course fee of \$75. Prerequisites: BI-122 OR BI-184; Course Type(s): Natural Science, Stem.

CH-238. The Science of Art. 3.00 Credits.

Materials of art and artifacts, scientific and technical principles underlying the creation of art works, authentication and forgery, deterioration due to time and environment, restoration techniques. Three class periods weekly. Additional course fee of \$75. Course Type(s): Natural Science, Stem.

CH-251. Organic Chemistry I. 3.00 Credits.

Nomenclature, structure, reactions and spectroscopy of organic compounds with emphasis on reaction mechanisms selected laboratory experiments and preparations. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-132.

CH-251L. Organic Chemistry I Lab. 1.00 Credit.

Laboratory for Organic Chemistry I Lab (CH-251). Additional lab fee of \$100. Prerequisites: CH-251 Course Type(s): Lab Courses.

CH-252. Organic Chemistry II. 3.00 Credits.

Nomenclature, structure, reactions and spectroscopy of organic compounds with emphasis on reaction mechanisms selected laboratory experiments and preparations. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-251.

CH-252L. Organic Chemistry II Lab. 1.00 Credit.

Laboratory for Organic Chemistry II (CH-252) Additional lab fee of \$100. Prerequisites: CH-251; Course Type(s): Lab Courses.

CH-295. Credited Internships. 3.00 Credits.**CH-329. Analytical Chemistry. 3.00 Credits.**

Statistical methods principles and procedures of quantitative analysis titrimetric, potentiometric and colorimetric methods. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-132.

CH-329L. Analytical Chemistry Lab. 1.00 Credit.

Laboratory for Analytical Chemistry (CH-329). Additional lab fee of \$100. Course Type(s): Lab Courses.

CH-347. Principles of Physical Chemistry. 3.00 Credits.

Foundations of thermodynamics, chemical kinetics and electrochemistry. Prerequisites: CH-132.

CH-353. Medicinal Chemistry. 3.00 Credits.

An overview of modern day drug discovery, enzymes, receptors, pharmacokinetics and pharmaceutical synthesis. Prerequisites: CH-251.

CH-355. Polymer Functionality. 3.00 Credits.

This course covers recent developments at the interface of polymer chemistry and pharmaceutical sciences, focusing on areas where polymers have made a particularly strong contribution, including pharmaceuticals, as well as the biomedical sciences. Detailed description involving the synthesis and chemical properties of biopolymers, biomaterials, nanotechnology, smart polymers, functional applications in biotechnology, tissue and cell engineering, biosensors, and drug delivery, is also integrated into the course. Prerequisites: CH-252.

CH-361. Criminalistics & Forensic Science. 3.00 Credits.

The theory and application of the principles of forensic science. Lab includes an analysis of the techniques and procedures in forensic science. Prerequisites: CH-132.

CH-365. Physical Chemistry I. 3.00 Credits.

Physico-chemical properties of gases, liquids and solids thermodynamics solutions and colloids electro-chemistry chemical kinetics nuclear, atomic and molecular structure. Three class periods one four-hour laboratory weekly. Prerequisites: CH-132 PC-186 MA-273.

CH-365L. Physical Chemistry I Lab. 1.00 Credit.

Laboratory for Physical Chemistry I (CH-365). Additional lab fee of \$100. Course Type(s): Lab Courses.

CH-366. Physical Chemistry II. 3.00 Credits.

Physico-chemical properties of gases, liquids and solids thermodynamics solutions and colloids electro-chemistry chemical kinetics nuclear, atomic and molecular structure. Three class periods one four-hour laboratory weekly. Prerequisites: CH-365.

CH-366L. Physical Chemistry II Lab. 1.00 Credit.

Laboratory for Physical Chemistry II (CH-366). Additional lab fee of \$100. Course Type(s): Lab Courses.

CH-372. Synthetic Organic Chemistry. 3.00 Credits.

This course covers modern techniques of organic synthesis, focusing on complex biologically active organic molecules and natural products, with emphasis on reaction mechanism, stereochemistry, structure, and retrosynthetic analysis. Prerequisites: CH-252.

CH-399. Independent Study. 1.00 Credit.**CH-442. Biochemistry I. 3.00 Credits.**

Protein structure and function, enzymes, enzyme kinetics and mechanism, metabolism, techniques in protein chemistry. Prerequisites: CH-251.

CH-442L. Biochemistry 1 Lab. 1.00 Credit.

Protein purification, enzyme kinetics, enzyme inhibition and western blotting. Additional lab fee of \$100. Prerequisites: CH-251; Course Type(s): Lab Courses.

CH-443. Biochemistry II. 3.00 Credits.

Biosynthesis, hormone regulation, RNA and DNA metabolism, Regulation of gene expression, Techniques in nucleic acid chemistry. Prerequisites: CH-442.

CH-443L. Biochemistry II Lab. 1.00 Credit.

Biosynthesis, hormone regulation, RNA and DNA metabolism, regulation of gene expression, techniques in biotechnology. Lab Additional lab fee of \$100. Prerequisites: CH-442; Course Type(s): Lab Courses.

CH-449. Inorganic Chemistry. 3.00 Credits.

The electronic structure of matter nature of the chemical bond ionic solids symmetry transition metal and organometallic chemistry. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-252.

CH-449L. Inorganic Chemistry Lab. 1.00 Credit.

Lab for Inorganic Chemistry. Additional lab fee of \$100. Course Type(s): Lab Courses.

CH-460. Instrumental Analysis. 4.00 Credits.

Theory and applications of current techniques includes spectroscopic (IR, AA, UV-Visible, NMR, mass), electrochemical, and chromatographic methods of analysis along with wet chemical methods. Three class periods, one four-hour laboratory period weekly. Prerequisites: CH-329.

CH-499. Research in Chemistry. 3.00 Credits.

Independent research on an assigned problem; seminar extends through the entire year. Hours arranged with the individual mentor but the group meets weekly for one hour. Additional course fee of \$75. Course Type(s): Capstone, Writing Intensive, Senior Seminar.

CJ Courses

CJ-165. Introduction to Criminology. 3.00 Credits.

Theories and research findings on lawbreaking: the role of criminal law; types of criminal careers; crime prevention and the criminal justice system.

CJ-170. Intro to Criminal Justice. 3.00 Credits.

The criminal justice process from arrest through conviction: the law of arrest, the role of the prosecutor, plea bargaining, sentencing practices, jury trials, diversion and alternatives to imprisonment. Careers in criminal justice.

CJ-175. Intro to Law Enforcement. 3.00 Credits.

The police in modern urban society: policewomen, the training of police, police corruption, social science research on the police.

CJ-177. Police Culture. 3.00 Credits.

The total way of life of police: formal and informal on the job and off the job. Police norms, values, beliefs and behavior. Police brutality, corruption, community relations, misunderstandings, and scapegoating are considered. Prerequisites: CJ-175 OR CJ-170.

CJ-185. Special Topic-Law & Justice: Emmett Till. 3.00 Credits.

An in-depth study of the life, death, and legacy of Emmett Till.

CJ-210. Multiculturalism in Justice. 3.00 Credits.

Understanding community groups of various ethnic, racial and cultural backgrounds, elevating the awareness in Law Enforcement Agencies. Course Type(s): Pluralism.

CJ-222. Family Law. 3.00 Credits.

A study of laws and court decisions regarding marriage, cohabitation, divorce, child custody and support, reproductive rights, adoption, parental rights and child abuse and neglect.

CJ-225. Sports and Crime. 3.00 Credits.

One commonality between sports and crime would be the entertainment value of both subjects-sports providing the world with both televised and live entertainment and crime serving as the topic for media's favorite genre. The connection runs much deeper, however, as sports and crime are inextricably linked at all levels. This class will cover famous sports scandals; illegal gambling operations and Olympic Committee corruption; doping; race and sports; gender and sports; sports fan aggression, athletes accused of crimes; the disparities in treatment of accused athletes, and sports leagues' policies.

CJ-230. Homeland Security & Terrorism. 3.00 Credits.

Introduction to and understanding the importance of Homeland Security with dealing with contemporary terrorism. Prerequisites: CJ-170.

CJ-237. Forensic Science. 3.00 Credits.

The basic concepts and practices of biology and chemistry as applied to criminal investigation, examining and preserving forensic evidence, conducting crime-scene investigations, science in the courts, laboratory experience. Three class periods weekly.

CJ-238. Origins of Organized Crime. 3.00 Credits.

This course examines organized crime in the U.S. from the early 1800's through the 1920's, beginning with the robber barons. Familiar names such as Rockefeller, Astor, Stanford, and Vanderbilt still hold sway in the U.S. today because of their efforts to "improve" the country while amassing great fortunes. Their methods often included usury, bribery, unethical labor practices, forcing people to live in slum conditions, unscrupulous deals with foreign countries, and the slaughter of Native Americans. This course will also illuminate why the Irish were considered the first organized criminals in this country, and explore the changes in organized crime that took place during the Prohibition era. Prerequisites: CJ-170.

CJ-240. Gangs and Organized Crime. 3.00 Credits.

Examines the street gang from Colonial era America to present day. Explores ethnic organized crime groups, the connections between groups, drug trafficking, extortion, prostitution, money laundering, and violent criminal activity.

CJ-245. Introduction to Human Trafficking. 3.00 Credits.

This course provides a comprehensive overview, and explores different terms and concepts in human trafficking. It examines the criminological theories of human trafficking, and considers the significant characteristics of the victims and the traffickers. It also distinguishes different types of human trafficking all over the world, including sex trafficking, labor trafficking, child soldiers, organ trafficking, and forced marriage. Multiple case studies will help students develop their problem solving and critical thinking skills. Prerequisites: CJ-165.

CJ-250. Victimology. 3.00 Credits.

Contemporary developments in Victimology conceptual boundaries, basic concepts and literature subfields and role as a field of study within criminal justice. The historical and emerging roles of Victimology and various aspects of victimization the social, psychological, financial and other impacts of crime. Prerequisites: CJ-165 CJ-170.

CJ-253. Social Deviance. 3.00 Credits.

Explores the concepts of social norms, egocentricity, and ethnocentricity. Examines the relativity of deviance including criminal behavior, human sexuality, drug use, suicide, and other alternative forms of behavior.

CJ-258. Criminal Justice Ethics. 3.00 Credits.

The course examines the justice system from the ethical point of view: the human treatment of human beings. It is concerned with such matters as police procedures, the conduct of trials, operations of correctional institutions, and how they might justly achieve their ends. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

CJ-265. History of Crime & Punishment. 3.00 Credits.

This course is designed to provide students with a comprehensive interdisciplinary approach to crime and delinquency, both as a philosophical and historical exercise in corrections and contemporary criminal justice systems. Provides an understanding of how crime plays a role in the historic development of the criminal justice system.

CJ-269. Media Crime & Public Policy. 3.00 Credits.

This course provides insight into the intersection of media and crime and the subsequent influence this has on public policy. Every citizen, every day, has contact with the media in some form. Newspapers, advertising, television, etc. all have an impact on our lives. The list of media forms has grown rapidly-in addition to more traditional sources of media, we now rely on websites, social network sites, and blogs. From the beginning of this "American experiment," crime and criminal justice have held a prominent place in media. Today, this focus on crime and entertainment that centers on crime is widespread. This explains why people who rely on media for their information about crime and criminal justice often hold misconceptions about the nature of crime, criminal justice practices, and criminals themselves. It is imperative that future practitioners in the field of criminal justice come to an understanding of this phenomenon. Because much of public policy stems from reaction to voters' opinions, how voters form these opinions matters greatly. If there are minor or gross misconceptions surrounding the criminal justice system and voters galvanize what we refer to as "living room policy-making," the results can be ineffective, irresponsible, or injurious.

CJ-275. Violence. 3.00 Credits.

This course provides an in-depth analysis of the relationship between violence and criminal behavior, and assesses the theoretical bases of violence by exploring its anthropological, biological, and sociological explanations. It also examines violence within the contexts of individual, group, and societal behavior. Prerequisites: SO-121.

CJ-280. Juvenile Delinquency. 3.00 Credits.

Theories of delinquency causation; the family and delinquency; problems of adolescence; the juvenile justice system; delinquency prevention programs; methods of treatment; alcohol and drug abuse; child abuse and neglect.

CJ-285. Criminal Corrections Systems. 3.00 Credits.

Objectives of punishment, jails and their contemporary problems types of prisons corrections officers and their training prison work, education and treatment programs inmate social structure parole and reintegration programs. Prerequisites: CJ-165.

CJ-290. Comparative Justice Systems. 3.00 Credits.

Post conviction differences between the United States and several other nations: sentencing, probation, fines, prison systems and alternative punishments, highlighting Japan, Canada, India/Egypt. Stress on values and political influences. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH:.

CJ-295. Credited Internships. 3.00 Credits.

Cooperative work experience. Course Type(s): Independent Study.

CJ-298. Special Topics. 3.00 Credits.

This course is designed to provide students with a comprehensive interdisciplinary understanding of international justice systems and institutions with the primary emphasis on the history and development of legal systems. The study of the police organizations, the courts, the criminal sentencing process and rehabilitative institutions and their respective jurisdictions. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

CJ-299. Leadership for Criminal Justice. 3.00 Credits.

Provides students with a solid foundation in leadership principles and effectively leading change in criminal justice agencies. Prerequisites: CJ-170; Course Type(s): Interdisciplinary.

CJ-315. Criminal Procedure. 3.00 Credits.

An analysis of the fourth, fifth, sixth, and eighth amendments to the Constitution as they apply to criminal suspects and defendants. Prerequisites: CJ-170.

CJ-316. Criminal Evidence. 3.00 Credits.

The nature of evidence, its classification, admissibility, weight and relevance the trial record and rules of evidence hearsay and its exceptions the constitutional issues in the gathering and introduction of evidence expert and scientific evidence. Prerequisites: CJ-170.

CJ-333. Gender Crime and Justice. 3.00 Credits.

An in-depth survey of changing social values about gender, changing criminal codes about sex crimes, changing law enforcement policies and procedures in prosecuting sex offenders, and emerging legal doctrines about privacy and sexual rights. Prerequisites: CJ-170 OR CJ-390 OR SO-121 OR WS-140.

CJ-350. Research Techniques & Data Analysis. 3.00 Credits.

Methods of scientific inquiry in the field of criminal justice: theory and research; causation and validity; research design, conceptualization, operationalization and measurement, sampling; survey research, field research, agency records, content analysis, secondary data, program evaluation and analysis of data. Prerequisites: CJ-165; Course Type(s): Writing Intensive.

CJ-357. Infamous Crimes and Criminals. 3.00 Credits.

A survey of anti-social behavior manifested by infamous criminals including serial murderers, mass murderers, and organized crime members. The impact of these crimes on victims and society the role of law enforcement agencies and profiling. Prerequisites: CJ-165.

CJ-358. White Collar Crime. 3.00 Credits.

Types of crime by the privileged: crimes of the professions: employee pilferage, embezzlement and fraud corporate crime and the crimes of managers political corruption and crimes of public officials. Techniques of investigation and prosecution for upper class defendants. Prerequisites: CJ-170.

CJ-359. Corruption. 3.00 Credits.

Analysis of deviance and criminal activities of corporations and government agencies. sociological and psychological implications are discussed. Organizational processes of communication, power, socialization, group processes and ethics are analyzed. Prerequisites: CJ-170.

CJ-366. Intelligence Analysis. 3.00 Credits.

In this course, students will learn the origins and purposes of intelligence analysis, the processes of collecting and analyzing intelligence, and the ways intelligence is used in crime prevention, counter terrorism, homeland security, and other contexts. Furthermore, students will discuss applications and specific real-world examples of crime analysis. Prerequisites: CJ-170 CJ-230 RECOMMENDED.

CJ-375. Sex Crimes. 3.00 Credits.

The course examines sexual crimes across different contexts, including sexual crimes against minors, sex crimes in cults and/or extremist groups, sexual assaults in intimate and sexual assaults by strangers. Risk factors for sex crimes will also be discussed, as will the history of prevention and treatment efforts of both victims and offenders. The course will also cover offenders' motives for sexual assault. The last portion of the class will be dedicated to sexual assault on college campuses and efforts to combat this specific type of violence.

CJ-389. Intro to Forensic Pathology. 3.00 Credits.

This course introduces students to the theory and practice of forensic pathology, and underscores the importance of thorough death investigations in the criminal justice system. Topics covered includes the role of the forensic pathologist, postmortem changes, autopsies, causes of death, classification and documentation of injuries, toxicology, and other related forensic disciplines.

CJ-390. Criminal Law. 3.00 Credits.

Origins of the criminal law from the Napoleonic Code and the English common law; substantive and procedural criminal law. The new state penal codes.

CJ-395. Probation and Parole. 3.00 Credits.

Techniques, procedures and regulations of supervision of criminal offenders. Training and preparation of parole and probation officers. Prerequisites: CJ-165.

CJ-396. Community Policing. 3.00 Credits.

Police involvement in the community: regular and meaningful contact, quality of life conditions, problem solving and coordination with community service organizations. Crime information, investigation and prevention through community relations. Prerequisites: CJ-170 OR CJ-175.

CJ-405. Crime Investigation. 3.00 Credits.

Primary crime investigation, preservation of the crime scene and identification of witnesses. Secondary investigation; use of computerized data bases, development of witnesses, role of informants, criminalistics and the role of the evidence laboratory.

CJ-406. Homicide: Investigation & Prosecution. 3.00 Credits.

Crime scenes: physical evidence and witnesses, constructing the scenario. Prosecution: case evaluation, pretrial and grand jury. Plea bargaining and trial strategies.

CJ-418. Intro to Forensics Techniques. 3.00 Credits.

The basic concepts of forensic science emphasizing recognition, evaluation, and utilization of physical evidence. The significance of forensics; types, classification, collection and preservation of evidence; rules governing scientific and physical evidence and expert testimony.

CJ-420. Drugs Society & Human Behavior. 3.00 Credits.

Processes of interaction through which substance abusing careers are developed and maintained substance abusers and crime impact upon families and communities organized public response. Prerequisites: CJ-165.

CJ-435. Police Patrol. 3.00 Credits.

The police mission in a democratic multicultural society: staffing, management and rewards for routine patrol. Traffic, calls for help, crimes in progress calls. Tactics and strategies. Prerequisites: CJ-170 OR CJ-175.

CJ-440. Criminal Minds. 3.00 Credits.

The criminal mind is determined by a number of bio-psycho-social factors and variables. This course examines the behavioral, emotional and cognitive aspects of crime and criminals, along with the biological, psychological, social, and environmental causes and correlates of violent and criminal behavior. Students will explore violence and criminal behavior as a developmental process that may begin in childhood and endure through adolescence and into adulthood. Prerequisites: PS-151, CJ-165.

CJ-441. Careers in Criminal Justice. 3.00 Credits.

Career opportunities in the highly glamorized but often misunderstood field of criminal justice at the municipal, state, county and Federal levels. Students will explore their own goals and the connection of their goals to the many careers in the criminal justice system. Prerequisites: CJ-170.

CJ-485. Child Protection Agencies and the Law. 3.00 Credits.

Emphasizes state-level child protection agencies federal and state statutes affecting child welfare and theories of abuse and maltreatment. Prerequisites: CJ-170.

CJ-486. Internship I. 3.00 Credits.

Provides students interested in pursuing careers in criminal justice with field placements in law enforcement, courts, corrections or investigative agencies. Course Type(s): Senior Seminar.

CJ-487. Internship II. 3.00 Credits.

Provides students interested in pursuing careers in criminal justice with field placements in law enforcement, courts, corrections or investigative agencies. Normally runs in the spring semester.

CJ-489. Senior Seminar in Criminal Justice. 3.00 Credits.

The capstone course for the Criminal Justice major. This course allows students the opportunity to explore career options prior to graduation, or to pursue a special topic within the Criminal Justice arena. Prerequisites: CJ-165 CJ-170 CJ-350; Course Type(s): Capstone, Senior Seminar.

CM Courses**CM-100. English Fundamentals. 3.00 Credits.**

CM100 is a one-semester writing course designed to help students understand the basic structures of an essay: introduction, body, and conclusion. Paragraph development and thesis statements are examined and practiced. Short, simple, and well-organized essays are presented as models for writing. Special attention to language acquisition is given addressing typical grammar and writing errors often seen in language students.

CM-100L. Language Workshop. 0.00 Credits.

This is a non-credit language workshop that all students are required to take in conjunction with CM-100EA or CM-104EA. Prerequisites: CM-100 OR CM-104; Course Type(s): Lab Courses.

CM-101. Intro to English Composition I. 3.00 Credits.

Introduction to English Composition I is devoted to the art and craft of the essay, especially as it pertains to academic writing and argument. Students will concentrate on work that expands students' writing horizons and sharpens their own particular styles, using such workshop techniques as brainstorming, free writing, and peer editing. Professionally written essays will also be read, analyzed, and used as prompts for student assignments. Particular attention will also be given to the basic mechanics of the English language with regular review in grammar, vocabulary, and general sentence structure.

CM-102. English Composition. 3.00 Credits.

English Composition mostly focuses on research and the production of a sophisticated term paper in current MLA style. Students will select a topic approved by the instructor and take their papers through the various stages of development from initial proposal to background reading and accompanying summaries to outlines, rough drafts, and final submission. In addition, students can expect to have regular sessions devoted to such writing workshop methods as brainstorming, free writing, and peer editing, all to aid in producing polished, more sophisticated work. A strong focus on grammar and overall structure remains part of the coursework as well.

CM-104L. Intro to English Composition Lab. 0.00 Credits.

In the ESL classroom and ESL Lab, students will receive individualized and small group instruction while participating in writers and readers workshops as well as oral language development. Course Type(s): Remedial.

CM-195. Writing Studio Peer Tutoring. 1.00 Credit.

An eight week course designed to equip students with the practical skills needed to excel as a tutor in the University's Writing Studio. Throughout this course, students will engage in a balance blend of theory and hands-on practice, delving into the art of providing effective guidance to students in both CM-101 and CM-102.

CN Courses**CN-113. Elementary Mandarin Chinese I. 3.00 Credits.**

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin. Course Type(s): Arts/Language, Addl Humanities.

CN-114. Elementary Mandarin Chinese II. 3.00 Credits.

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin. Prerequisites: AN-113 OR CN-113; Course Type(s): Arts/Language, Addl Humanities.

CN-133. Intermediate Mandarin Chinese I. 3.00 Credits.

Continued study of tones, pronunciation, vocabulary, and essential grammatical structures aimed at improving competence in the four language skills: listening, speaking, reading and writing. Prerequisites: AN-114 OR CN-114 OR 1 YEAR HIGH SCHOOL MANDARIN.

CRCC Courses**CRCC-295. CRCC Asia Internship. 3.00 Credits.****CS Courses****CS-150. Intro Computers & Information Processing. 3.00 Credits.**

Study of computer systems including programming, hardware, software, information processing using business and scientific applications, robotics, and security. Emphasis on the theoretical as well as research and development aspects of computers. Students will work on assignments/projects aligned with their major and will develop web pages. Course Type(s): Stem.

CS-157. Ms Excel for Accounting and Business Env. 3.00 Credits.

Students will gain proficiency in Microsoft Excel for accounting and business environments. The course will cover understanding basic spreadsheet terminology and navigation including filters and sorts; basic and intermediate formulas such as Dsum, Vlookup, and Match; analytical tools such as PIVOT tables; and presentation skills such as formatting, graphs, and charts. This course will use a case study approach that will enable students to learn from sample client needs and constraints (for example, putting raw data into a format needed for client analysis). Upon completion of this course, students should have a strong proficiency in Excel that they can apply in a professional capacity. Course Type(s): Stem.

CS-177. Intr to Computer Science & Cybersecurity. 3.00 Credits.

This course is an introduction to computer science and cybersecurity. The goal of the course is to teach basic principles and at the same time prepare students for a major in computer science/cybersecurity. Topics include: The von Neumann architecture, algorithms, data structures, hardware and software, application systems, programming, cyber security, information technology ethics, and data science. Course Type(s): Stem.

CS-180. Introduction to Programming. 3.00 Credits.

This course will teach job-market driven programming languages. Students will construct web pages using HTML and JavaScript, then move to C++, and finally Python. By the end of the course students should understand the concepts, methodologies, and techniques used in programming, including compilation, testing, and debugging. Programming constructs include syntax, control statements, arrays, strings, objects, and event handlers. Course Type(s): Stem.

CS-190. Secure Software Development. 3.00 Credits.

This is a programming course required for Cyber Security students. Students will learn how to write, test, and debug programs using secure programming techniques. They will learn how to identify key characteristics and design patterns for secure coding, and develop programs in a secure environment using the software development life cycle. Students demonstrate their knowledge through hands-on programs, exercises and case study assignments. Course Type(s): Stem.

CS-231. Software Engineering. 3.00 Credits.

This course will teach students how to develop a software system from scratch by guiding them through the development process and giving them the fundamental principles of system development with object oriented technology. It will also introduce students to software development methodology, project management, and systems analysis and design as a problem-solving activity. Students will work with C++ and Python using control structures, functions, return statements, reference, arrays, and pointers. Data will be read from text files and databases. Prerequisites: CS/IS-180 OR CS-190; MA-101 OR MA-105 OR MA-123 OR MA-133 OR MA-143 OR MA-273; Course Type(s): Stem.

CS-237. Java Programming. 3.00 Credits.

This course is an introduction to Java, object-oriented techniques, and Java applets for the World Wide Web. Java applications are introduced prior to applets so a student has a more thorough understanding of the programming process. Java applications are built from the beginning rather than having the user manipulate pre-written objects. Pre-requisite: CS/IS-180 Prerequisites: CS/IS-180 OR CS-190; Course Type(s): Stem.

CS-241. Python Programming for Comp Scientists. 3.00 Credits.

Python programming and coding practice. Object-oriented concepts. Python use in Artificial Intelligence applications. Prerequisites: CS/IS-180 OR CS-190; Course Type(s): Stem.

CS-260. Information Technology Ethics. 3.00 Credits.

This course addresses the assessment of ethical principles within the application of information technologies to produce and store data and disseminate and use information. It will define and discuss computer ethics within a historical, current and future perspective by dealing with ethical issues in the workplace, privacy and anonymity, property rights, professional responsibility and globalization from the viewpoint of the individual, business and government. Prerequisites: CS-150 OR CS-177 OR CS/IS-180 OR CS-190; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

CS-271. Decision Support Systems. 3.00 Credits.

Concepts of Decision Support Systems: Decision Support System technologies, operations research, systems analysis, decision analysis, DBMS, artificial intelligence. Decision Support System tools: data mining, data management, EXCEL. In-depth analysis of business applications, including ERP Systems, data warehouse systems and electronic commerce. Students will be required to complete a final project on designing a computer based decision support system. Prerequisites: CS-177 OR CS-180(12188) OR CS-190 OR BA-151 OR BA-155; Course Type(s): Stem.

CS-295. Credited Internships. 3.00 Credits.**CS-298. Cyber Security Virtual Internship. 3.00 Credits.**

In this course, students will become "cyber interns" and work in teams with course faculty, graduate assistants, and industry experts as mentors using the iQ4 online/cloud communication platform. The goal of the course is to enable students to analyze realistic case scenarios and identify the depth and breadth of cybersecurity from multiple perspectives. Students will focus on the interrelated dimensions of threats (which may include but are not limited to technical, procedural, legal, behavioral, skills/proficiencies) and the spectrum of constituent cyber domains/functional areas in which to identify solutions. The content for the course covers core competencies e.g., knowledge, skills, and abilities relating to the identification, detection, protection against, response to, and recovery from an insider threat including how to build and maintain communications with executives, peers and regulators. In addition, essential skills (e.g., teamwork and communications skills), which are required in the workforce. The assignments in the course are designed to assess both core competencies and essential (soft/professional) skills. Course Type(s): Stem.

CS-299. Experiential Learning Internship. 3.00 Credits.

Depending on the topic, students will develop, test, and/or conduct ethical hacking on devices, games and/or other coded programming; students may also conduct computer laboratory research. Sections topics may include IoT Pentesting, Gaming Development, SIEM Splunk, CJ Digital Forensics, Cyber Security Research. Course Type(s): Stem.

CS-317. C# Programming for Web-Based Application. 3.00 Credits.

The design and construction of Web-based applications using the C# programming language. Students will learn how to build, manage, and deploy a database driven Web site. Prerequisites: CS/IS-180 OR CS-190; Course Type(s): Stem.

CS-320. Augmented Reality. 3.00 Credits.

This course covers the technical and experiential design foundation required for the implementation of immersive environments in current and future virtual, augmented and mixed reality platforms. The curriculum covers a wide range of literature and HCI concepts following the evolution of all supporting technologies including visual displays for VR, AR and MR, motion tracking, interactive 3D graphics, multimodal sensory integration, immersive audio, user interfaces, IoT, games and experience design. Course Type(s): Stem.

CS-330. Data Structures & Algorithms With Python. 3.00 Credits.

Data structures are essential to storing and organizing data within applications. Selecting the correct data structure and algorithm, is significant in the performance of the application, especially as the volume of data increases. This course covers the following topics: arrays, sorting, stacks and queues, linked lists, recursion, trees, hash tables, heaps, and graphs. A significant part of this course involves actually writing Python programs that implement the above. Prerequisites: CS-241; Course Type(s): Stem.

CS-332. Advanced Computing. 3.00 Credits.

This course will build on the CS180 and CS231 sequence. It will teach advanced concepts in job-market driven programming languages like Python, C++, PHP, Ruby, and Perl, and include the study of Data Center and Cloud Computing technology. Students will learn advanced object-oriented concepts, linked-lists, queues, stacks, maps, string processing and be able to read data from SQL Server databases. Prerequisites: CS-231; Course Type(s): Stem.

CS-337. Statistical Computing With R. 3.00 Credits.

In this course students explore the fundamental principles of statistical computing in R. Learners will engage in topics such as the fundamentals of R, data types, matrices, data frames, control structures, input/output, libraries (e.g. ggplot2), visualizations, statistical inference, and simulations. Prerequisites: MA-212; Course Type(s): Stem.

CS-339. Computer Architecture & Operating System. 3.00 Credits.

This course covers computer architecture and operating systems. From a computer architecture standpoint, we will study hardware components, gates/buses/memory, and their use in constructing adders, comparators and addressing schemes. We will also cover machine level representation of data, computer architecture and organization, assembly level machine organization, interfacing and communication, memory systems organization and architecture, functional organization, multiprocessing and alternative architectures, performance enhancements, and distributed architectures. From an operating systems standpoint, we will study privileged and non-privileged states, processes and threads (and their management), memory (real, virtual, and management), files systems, access controls (models and mechanisms), access control lists, virtualization/hypervisors, how does an OS protect itself from attack?, security design principles as applied to an OS, domain separation, process isolation, resource encapsulation, and least privilege. Prerequisites: CS-231 AND/OR CS-332; Course Type(s): Stem.

CS-346. Machine Learning I. 3.00 Credits.

Machine learning concepts include neural network and data analysis using deep learning. Classification of images and object detection using industry standard open source machine learning platform. Programs will be written in Python within a cloud computing environment. Prerequisites: CS-231 OR CS-241; Course Type(s): Stem.

CS-355. Found of Programming Systems. 3.00 Credits.

A comprehensive overview of the design and implementation of modern programming systems. Programming languages and compiling techniques, operating systems, database structures, artificial intelligence, and knowledge based systems are studied. Prerequisites: CS-231; Course Type(s): Stem.

CS-370. Data Structures. 3.00 Credits.

This course provides students with an understanding of the basic abstract data types, associated operations and applying them to solve problems. Topics include: strings, lists, vectors, arrays, heaps, queues, stacks, buffers, searching and sorting, trees, and data formats. Prerequisites: CS-332 OR MA-123 OR MA-143; Course Type(s): Stem.

CS-399. Cyber Crime: The Dark Side of the Web. 3.00 Credits.

In this course, students will become "cyber interns" and work in teams with course faculty and industry experts as mentors using the iQ4 online/cloud communication platform. The goal of the course is to enable students to analyze realistic case scenarios in fraud, cyber terrorism/warfare, extortion, cyber theft, and trafficking and identify the depth and breadth of cybersecurity from multiple perspectives. Students will focus on these types of threats: brute force attacks, ransomware, data breaches, illicit traffic, phishing, and denial of service. The content for the course covers core competencies e.g., knowledge, skills, and abilities relating to the identification, detection, protection against, response to, and recovery from cyber-attacks including how to build and maintain communications with executives, peers and regulators. Course Type(s): Stem.

CS-415. Robotics Fundamentals and Programming. 3.00 Credits.

Introduction to parallel programming in Ada and Java. Students will write programs for cell phones and intelligent devices such as a robot. Additional course fee of \$75. Prerequisites: CS-231 OR CS-237; Course Type(s): Stem.

CS-446. Machine Learning II. 3.00 Credits.

Machine learning concepts include neural network and data analysis using deep learning. Classification of images and object detection using industry standard machine learning framework. Programs will be written in C# within an integrated development environment. Prerequisites: CS-346; Course Type(s): Stem.

CS-470. Introduction to Artificial Intelligence. 3.00 Credits.

Knowledge representation, cognitive simulation, machine learning, natural language processing, network technology. Prerequisites: CS-370; Course Type(s): Stem.

CS-489. Network Technology Protocols & Defense. 3.00 Credits.

In this course we will provide students with an understanding of the components in a network environment, their roles, and communication methods and the techniques that can be taken to protect network and communication assets from cyber threats. Topics include: network architectures/infrastructure/services/protocols (TCP/IP - v4 and v6, DNS, HTTP, SSL, TLS), network address translation and sub-netting, network analysis/troubleshooting, network evolution (change management, BYOD), remote and distributed management, implementing IDS/IPS, firewalls and VPNs, honeypots and honeynets, network monitoring and traffic analysis, minimizing exposure (attack surface and vectors), network access control (internal and external), DMZs / proxy servers, network hardening, mission assurance, network policy development and enforcement, network operational procedures, and network attacks (e.g., session hijacking, man-in-the-middle). Prerequisites: IS-380 OR IS-381; Course Type(s): Stem.

CS-495. Cryptology. 3.00 Credits.

This course gives a historical introduction to Cryptology, the science of secret codes. It begins with the oldest recorded codes, taken from hieroglyphic engravings, and ends with the encryption schemes used to maintain privacy during Internet credit card transactions. Since secret codes are based on mathematical ideas, each new kind of encryption method leads in this course to the study of new mathematical ideas and results. The first part of the course deals with permutation-based codes: substitutional ciphers, transpositional codes, and Vigenere ciphers. In the second part of the course, the subject moves to bit stream encryption methods. These include block cipher schemes such as the Data Encryption Standard (DES). Public key encryption is the subject of the final part of the course. We learn the mathematical underpinnings of Diffie-Hellman key exchange, RSA and Knapsack codes. Software packages and tools will also be studied. Prerequisites: IS-381; Course Type(s): Stem.

CS-496. Cybersecurity and Digital Forensics Lab. 3.00 Credits.

This course is designed to provide students with hands-on experience with cyber security and digital forensics tools and the skills to apply forensics techniques throughout an investigation life cycle with a focus on complying with legal requirements. The course will accomplish its goals through lecture, classroom discussion, and a number of in-lab exercises and projects. Topics and assignments cover: network attacks, intrusion detection systems, digital forensics tools, legal compliance and applicable laws, affidavits, how to testify, case law, chain of custody procedures, digital investigations, E-discovery, authentication of evidence, metadata, root cause analysis, and using virtual machines for analysis. Additional course fee of \$75. Prerequisites: IS-381 OR CS-495; Course Type(s): Stem.

CS-499. Capstone for Computer Science. GPS Mapping - Credit.

The Capstone Course offers students the opportunity to integrate the knowledge acquired in preceding computer science and information system courses. Students work on projects specific to their Computer Science concentration. Team projects in software design, programming, and implementation will be assigned. Components that are emphasized include analysis and design, team dynamics, project management, documentation, verification and validation of implementation, and communication skill (oral and written). Final projects are to be evaluated by Department of Computer Science faculty. Students present their final projects. Example of project categories: -.

CU Courses**CU-102. Media Literacy. 3.00 Credits.**

An entry level course that expands the definition of literacy beyond print to include electronic and digital forms. Being media literate means the ability to access, understand, analyze, evaluate and create messages in a wide variety of forms. It also means to be aware and conscious of the media environments that surround us.

CU-190. Introduction to Film. 3.00 Credits.

Screenings, reading and discussions are used to introduce students to the basic elements of film and to build an understanding of cinematic art, development, history and theory. Prerequisites: CM-102.

CU-202. Intro to Media Studies & Communication. 3.00 Credits.

An introduction to the study of media with a focus on the history of print, broadcasting, film, video games, the internet and social media.

CU-203. Media Communications II. 3.00 Credits.

A survey of mass communication theories with a focus on how theories emerge from different historical eras and how such theories are still applicable to mass media events and industries. Prerequisites: CM-102 AND CU-202.

CU-205. News Writing and Reporting. 3.00 Credits.

An introduction to journalism, including a survey of print media, and practice in interviewing, reporting, and writing hard news and news feature stories. Prerequisites: CM-102; Course Type(s): Writing Intensive.

CU-208. Broadcast Newsroom. 3.00 Credits.

A course on the practical skills of broadcast TV. Students will be introduced to TV news writing and productivity. They will learn to shoot and edit news stories for broadcast. Prerequisites: CM-102.

CU-210. Writing Workshop. 3.00 Credits.

Learn to write with more style in this course that reviews and builds upon the basic rules of grammar. Intended for students who have completed composition requirements and wish to become better communicators. Also intended to assist students who may enter areas of media requiring strong verbal skills and editing abilities. Prerequisites: CM-102 REQUIRED FOR COMMUNICATION MAJORS WHO SCORE LESS THAN A B IN COMPOSITION.

CU-212. History of Film I: Beginnings to 1959. 3.00 Credits.

This course presents an overview of cinema history from its beginning to 1959 and provides students with the basic tools for analyzing the art of film. Students view representative films from major movements and study the uses of camera, editing, light, and sound.

CU-213. History of Film II 1960 to Present. 3.00 Credits.

This course presents an overview of cinema history since 1959, with attention to the cultural, political, economic, and technological forces that helped to shape cinema during this time. Significant trends within the U.S. are studied, including new and changing genres, independent and maverick filmmakers, and the dominance of Hollywood blockbusters. Students are introduced to national cinemas in Asia, Africa, and Latin America.

CU-218. Media Business. 3.00 Credits.

An examination of media as a profit making industry. The roles of sales, advertising and investors are viewed, as are trends of corporate media and entrepreneurship. Public relations and ethics are introduced. Prerequisites: CU-202 OR CU-203, AND CM-102.

CU-228. Asian Film. 3.00 Credits.

This course introduces students to the history of Asian film industries and landmark films. They will look at the major films and film makers of Hong Kong, Japan, Taiwan and Korea, as well as the popularity of the anime phenomenon and Indian Bollywood films. Course Type(s): Pluralism.

CU-246. Introduction to Speech Science. 3.00 Credits.

An introduction to speech science theory, instrumentation, and measurement. Emphasis on normal speech production. This course addresses analysis of sound patterns and vocal production, perceptual aspects of acoustic patterns, examination of physiological and acoustic bases of speech, psychological aspects of acoustics, as well as critical analysis of voice quality.

CU-247. Marketing Communications and Branding. 3.00 Credits.

This course is designed as an exploration of the history, development and current strategies, tactics and technologies of Integrated Marketing Communication (IMC) and branding. Using major communication theories, students will explore integrating the practices of marketing, advertising, public relations, publicity, special events, promotions, and a variety of promotional activities in a changing world of new relationships with consumers and new media technologies. Prerequisites: CM-102.

CU-249. Phonetics. 3.00 Credits.

The aim of this course is to provide the student with the practical skills to apply phonetics and phonology within the field of communication sciences and disorders. This involves the description and scientific explanation of language sound systems. It will give training in the production, perception, physiological and acoustic description, and IPA transcription of the speech sounds used in the languages of the world.

CU-251. Survey of Comm Disorders. 3.00 Credits.

This course provides a general introduction to normal and disordered speech, language, and hearing in children and adults. This course considers normal development of communication behavior, the nature of communication disorders, and reviews the various conditions associated with communication disorders.

CU-252. Creative Writing. 3.00 Credits.

Creative Writing is designed to teach the craft of writing creatively; the objective of the course to produce original work through the study of published authors with a wide range of styles, determined by the genre focus. These writing workshops will work on audience, point of view, tone, language choice, plot, character, setting, dialogue and description, depending on the overall form. Students may repeat the course depending on the subject matter, which will alternate between creative writing and the short story, the novel, poetry, drama and fan-fiction.

CU-253. A & P of Speech-Lang Hear Mech. 3.00 Credits.

This course provides a general introduction to normal and disordered speech, language, and hearing in children and adults. This course considers normal development of communication behavior, the nature of communication disorders, and reviews the various conditions associated with communication disorders.

CU-254. Audiology. 3.00 Credits.

Scientific foundations of the hearing process are explored, focusing on the peripheral auditory systems, coding of the basic attributes of sound, and the perception of simple sounds.

CU-255. Ethics in Communication. 3.00 Credits.

This course considers both the rational basis for good human action and, in particular, the application of those principles to the personal and social dimensions of communication. Topics such as truth speaking, fairness in reporting, truth in advertising, selection of data, bias in professional judgment, and so forth, will be considered. Values course. Satisfies values, but not core elective requirements. Prerequisites: CM-102; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

CU-256. The Horror Film. 3.00 Credits.

A look at the horror genre as a metaphorical representation of social anxieties. The course traces the roots of horror from early European cinema to modern times, looking at the landmark films and the important stars and film makers of the genre. Prerequisites: CM-102.

CU-260. Radio Station I. 3.00 Credits.

A course in the practical skills of radio broadcasting. It teaches the basics of using equipment to produce, edit and broadcast a radio program. Productions students create will be part of the new campus radio station's programming. Prerequisites: CM-102.

CU-261. Podcasting. 3.00 Credits.

Students will produce a podcast in this course, from ideation to final production.

CU-265. Screenwriting. 3.00 Credits.

This course is designed to introduce the fundamentals of writing for film and television. Students experience the same creative process as a professional screenwriter, moving through the various levels of a typical Hollywood "step" deal. During the first two weeks of class, the students conceive, plan, outline and "sell" their ideas for either a feature length film (75-120 minutes) or a television program (sit-com or drama series pilot). Prerequisites: CM-102; Course Type(s): Writing Intensive.

CU-266. Advanced Screenwriting. 3.00 Credits.

Students with promising projects in Screenwriting will continue their work under the supervision of the instructor. Includes story conferences, sharing work, analyzing successful scripts, creating "bibles" for TV series, and completing a script suitable for professional submission. Prerequisites: CU-265.

CU-269. Media Crime & Public Policy. 3.00 Credits.

This course provides insight into the intersection of media and crime and the subsequent influence this has on public policy. Every citizen, every day, has contact with the media in some form. Newspapers, advertising, television, etc. all have an impact on our lives. The list of media forms has grown rapidly-in addition to more traditional sources of media, we now rely on websites, social network sites, and blogs. From the beginning of this "American experiment," crime and criminal justice have held a prominent place in media. Today, this focus on crime and entertainment that centers on crime is widespread. This explains why people who rely on media for their information about crime and criminal justice often hold misconceptions about the nature of crime, criminal justice practices, and criminals themselves. It is imperative that future practitioners in the field of criminal justice come to an understanding of this phenomenon. Because much of public policy stems from reaction to voters' opinions, how voters form these opinions matters greatly. If there are minor or gross misconceptions surrounding the criminal justice system and voters galvanize what we refer to as "living room policy-making," the results can be ineffective, irresponsible, or injurious.

CU-270. Broadcast Studies. 3.00 Credits.

Students will be introduced to the basic structure, history, social impact, and operations of the broadcast industry. Prerequisites: CM-102.

CU-275. Public Speaking Workshop. 3.00 Credits.

An introduction to the techniques of public speaking and intensive practice in giving information and persuasive speeches. Performance evaluations and specific recommendations for improvement. Prerequisites: CM-102; Course Type(s): Oral Communications.

CU-277. Strategies of Oral Communication. 3.00 Credits.

Techniques of oral presentation to promote clear and effective exchange of information and ideas in a variety of everyday situations, with special attention to business interviews and small group settings. Prerequisites: CM-102.

CU-280. Mediated Comm in Organizations & Society. 3.00 Credits.

Examination of how new technologies are being used to organize work, facilitate organizational decision making, conduct personal relationships, create communities and manage everything from personal interaction to global business organizations. Prerequisites: CM-102.

CU-282. Leadership. 3.00 Credits.

An examination of the foundations of leadership by major theorists. Current and emerging leadership models will be studied in the context of the business environment.

CU-283. The Conspiracy Theory Film. 3.00 Credits.

The course looks at the themes of conspiracies and paranoia in film and popular culture. Students examine how social and political conflicts through the decades have created fears of large-scale corruption in organizations of power and how these fears were translated to the movie screen. Prerequisites: CM-102.

CU-284. Strategies of Media Literacy. 3.00 Credits.

A more advanced approach to media literacy that focuses on how to construct media products in ways that have social, cultural, psychological, political and pedagogical impact. The course will teach students how to approach both the form and content of media critically by exploring media literacy's key concepts, theories and issues, so they will be able to educate others through strategies for integrating media literacy into curriculum and educational programs.

CU-285. Gender & Communication. 3.00 Credits.

This course is an introduction to the field of study of communications and gender. The objective is the explanation, observation, discussion and understanding of a gender and how it affects communication at the personal, group, organization and societal levels and how gender is portrayed in our culture through digital technology and the mass media. Course Type(s): Pluralism.

CU-293. Today's Film Scene. 3.00 Credits.

Students will meet in Manhattan to view and analyze contemporary films, often before they are released to the general public. At times the film makers are likely to participate. The course will give students a knowledge of the contemporary film scene as well as skills in film analysis. Additional course fee of \$235. Prerequisites: CM-102.

CU-295. Credited Internships. 3.00 Credits.**CU-300. Film Theory and Criticism. 3.00 Credits.**

To develop an understanding of film and TV and the ability to write about them, students will be introduced to major theoretical and aesthetic approaches, including auteur theory, genre theory, semiotics and spectatorship. Prerequisites: CM-102.

CU-304. Principles of Media Law and Ethics. 3.00 Credits.

An overview of laws governing writing and reporting, from first amendment to libel, roles of journalists in criminal cases and the relationship between the press and government. Looks at where the law stops and ethical obligations begin. Prerequisites: CM-102.

CU-306. The Animated Film. 3.00 Credits.

This course will explore the history of animation, from the early lantern shows of the 19th century to modern digital technology. The class will also discuss the social, cultural, economic and artistic impact of various animators and their creations. Prerequisites: CM-102.

CU-307. Art Commerce & Cultural Impact of Disney. 3.00 Credits.

This interdisciplinary course will explore how one company, using branding, corporate synergy, and transmedia storytelling has had an impact on the global economy, social institutions, public spaces, culture & our private lives. Prerequisites: CM-102.

CU-310. News Writing II. 3.00 Credits.

Students build on expertise acquired in CU/JN-205, developing skills further in news gathering, writing, editing and interviewing. They will generate stories and complete assignments on deadline. Topics include: beat and specialized reporting, headline and feature writing and writing for print vs. broadcast vs. digital. Prerequisites: CU/JN-205 AND CM-102.

CU-313. The News Lab. 3.00 Credits.

Students will report, write, photograph and produce the student newspaper of Saint Peter's University, the Saint Peter's Tribune. Students will learn copyediting and design skills as well as produce multimedia for the online edition.

CU-315. Business and Professional Communication. 3.00 Credits.

How to communicate in various channels necessary for the efficient functioning of groups and organizations. This includes writing for all forms of print and online, as well as, understanding interpersonal interaction and group dynamics that support and promote effective teamwork. Prerequisites: CM-102; Course Type(s): Writing Intensive.

CU-320. Augmented Reality. 3.00 Credits.

This course covers the technical and experiential design foundation required for the implementation of immersive environments in current and future virtual, augmented and mixed reality platforms. The curriculum covers a wide range of literature and HCI concepts following the evolution of all supporting technologies including visual displays for VR, AR and MR, motion tracking, interactive 3D graphics, multimodal sensory integration, immersive audio, user interfaces, IoT, games and experience design.

CU-327. Digital and Social Media Marketing. 3.00 Credits.

This course introduces students to the current thinking, practice and developments in digital and social media marketing, including: Social media marketing for B2C, B2B, not-for-profits, Internet marketing, online PR and reputation management, and mobile marketing. Prerequisites: CM-102.

CU-340. Sportswriting. 3.00 Credits.

A study of the growth of this area of specialized journalism, including interviewing, reporting, and writing assignments for a variety of sports. Prerequisites: CM-102.

CU-341. Art & Entertainment Journalism. 3.00 Credits.

An overview of an area of specialized journalism: Arts and Entertainment. A look at the history and current issues in the arts, from early 20th century tabloids to today's bloggers, copyright concerns and arts in the community. Prerequisites: CM-102 AND CU/JN-205.

CU-350. Public Relations. 3.00 Credits.

Influencing public opinion is the major goal of public relations activities. This course examines the roles of opinion research, press agency, product promotion, publicity, lobbying, public affairs, fund-raising and special events management in creating a favorable image for a client. Writing skills are emphasized. Prerequisites: CM-102.

CU-352. Conversations With Writers/Metro Seminar. 3.00 Credits.

A Metropolitan Seminar local travel course.: An introduction to the working habits and aesthetic ambitions of professional writers of books, screenplays, newspaper articles and other media content. Students will read writers' works, publicity and marketing material, then students will discuss the information with the authors in New York City. Additional course fee of \$50.

CU-355. Video Storytelling. 3.00 Credits.

This course is designed to introduce video storytelling, shooting and editing techniques for multi-platform environments in journalism, public relations, advertising and marketing. The course will teach students to recognize and understand the technical and aesthetic aspects of visual storytelling, and how to produce narratives using a combination of still images, video, ambient sound, interviews and graphics. Prerequisites: CM-102.

CU-376. Making Documentary Films. 3.00 Credits.

This course will introduce students to the production of historical documentaries. Students will learn to curate a variety of primary and secondary sources into a visual narrative. Students will be introduced to the techniques of directing, producing and filming documentaries.

CU-383. Animation Production. 3.00 Credits.

This course will explore how to convert storytelling into animations. Taking this concept students will explore the complete process from creating storyboards to implementation into various animation formats. Basic principles of animation will be taught in multiple applications such as stop motion animation, timebase animation, motion graphics, 3D animation, and animation in Augmented Reality.

CU-385. Digital Storytelling and Social Media. 3.00 Credits.

Students will learn the fundamentals of digital journalism. Emphasizes hands-on instruction in multimedia skills. Topics include blogging, newsletters, photography, video and audio production, use of social media as a reporting tool, along with data visualization and graphics. Guest speakers and discussion on the future of news will also be part of the course. Requires students to produce a final project that consists of storytelling across a range of platforms-for example, a written article, a photo and audio story, and a video. Prerequisites: CM-102.

CU-400. Research Writing. 3.00 Credits.

This course introduces the process of conducting various forms of quantitative and qualitative research related to the field of Communication. Students will develop and write an original research paper with the long term goal of presentation and/or publication. Prerequisites: CM-102 AND CU-202 OR CU-203; Course Type(s): Capstone, Writing Intensive, Senior Seminar.

CU-410. Investigative Journalism & Advanced Feat. 3.00 Credits.

The practical application of investigative and public affairs reporting skills. Students will complete a major investigative news piece and gather information from public records and interview sources. Prerequisites: CM-102 AND CU/JN-205.

CU-419. Magazine Writing. 3.00 Credits.

Methods of writing and selling articles for print and web magazines from brief profiles and how-to pieces to long narrative articles. An introduction to query writing. Prerequisites: CM-102 AND CU/JN-205.

CU-420. Social Documentary Filmmaking. 3.00 Credits.

In this course students will explore the history and methods of social impact documentaries as a tool for education, action and change. Students will also produce a final project, studying filmmaking from concept, to production and post production; culminating in an end-of-the year film festival. Course Type(s): Interdisciplinary.

CU-423. The American Film. 3.00 Credits.

Through lectures, films shown in class, readings, and research projects, this course will develop the students' ability to analyze film in depth as well as to understand the historical and artistic development of the Hollywood film industry. Classical and current films will be studied in relation to American as well as foreign film traditions. Prerequisites: EL-206 EL-207.

CU-489. Globalization and Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

CU-495. Media Internship I. 3.00 Credits.

This course integrates study in a specialty area of media communications with a job experience in the field. Students will compare academic preparation to work place demands, and will think critically about choosing learning resources for the world of work. Prerequisites: CU-202, CU-203 OR CU-205 AND CM-102.

CU-496. Media Internship II. 3.00 Credits.

This course integrates advanced study in a specialty area of media communications with a job experience in the field. Students are encouraged to think critically about media ethics and practice. Prerequisites: CU-202, CU-203 OR CU-205 AND CM-102; Course Type(s): Senior Seminar.

DS Courses**DS-210. Introduction to Data Science. 3.00 Credits.**

Students develop a critical comprehension of the fundamental principles of data science that guide the extraction of valuable information and knowledge from data. Students apply these concepts across the data science and analytics landscape within the contexts of business examples and other emerging fields. Students explore the most common methods used in data science, addressing topics such as predictive modeling, data visualization, probability distributions, Bayes' theorem, statistical inference, clustering analysis, decision analytic thinking, data and business strategy, cloud storage and big data analytics.

DS-310. Introduction to Data Mining. 3.00 Credits.

This course will provide students with an understanding of the industry standard data mining methodologies, and with the ability of extracting information from a data set and transforming it into an understandable structure for further use. Topics covered include decision trees, classification, predictive modeling, association analysis, statistical modeling, Bayesian classification, anomaly detection and visualization. The course will be complemented with hands-on experience of using Python data mining modules to solve realistic problems based on real-world data. Prerequisites: CS-330.

DS-330. Cloud Computing Eco-Systems. 3.00 Credits.

Students will identify the fundamentals and essentials of Cloud Computing. They will adapt Cloud Computing tools and services for implementation in real life scenarios as well as in commercial application systems such as Google Apps, Microsoft Azure and Amazon Web Services.

DS-340. SQL Programming. 3.00 Credits.

Students will gain experience doing complex relational database queries that will help them in using any relational database system. They will also gain an understanding of ANSI standard objects and programming techniques including writing and calling stored procedures, views, triggers, functions, and using transactions, locks as well as a brief introduction to cursors.

DS-370. Big Data Analytics. 3.00 Credits.

Students will explore the technologies critical for acquiring, organizing, storing, and analyzing big data, or large datasets that are challenging to store, search, share, visualize, and ultimately analyze. They will differentiate between Big Data that is structured, semi-structured, and unstructured. They will determine how to utilize the latest tools and techniques required to analyze, debug, iterate and optimize that analysis to infer actionable insights from Big Data. Students will also investigate the public Cloud as a resource for big data analytics. Prerequisites: DS-210.

DS-399. Major Capstone Project. 3.00 Credits.

In this capstone research practicum, students will synthesize and apply their knowledge of data science to interdisciplinary problems from a variety of industry sectors. Students will work in teams to define, design and implement an analytics project collecting and processing data, building modeling, designing a strategy, and implementing the best available method for solving the problem. They will select research questions and datasets from real world industry or government organizations. At the conclusion, students will write a report that summarizes their project, including design and model details, data analysis techniques, outcomes and conclusions. Prerequisites: DS-210.

DS-445. Blockchain Technology. 3.00 Credits.

Students will discover what blockchain is, from both business and technical perspectives, gaining insight into how it affects industry and organizations; they will explore how blockchain works and exists in the public domain while still maintaining transparency, privacy, anonymity, security, and history. They will build applications and solve real world problems utilizing the blockchain technology of transactions, blocks, proof-of-work, and consensus building. Additionally, students will determine how cryptocurrency works and reflect on why people value digital currency.

DS-450. Data Law Ethics Business Intelligence. 3.00 Credits.

Students will analyze ethical and intellectual property issues related to data analytics and the use of business intelligence. Students will discern learn the legal obligations in collecting, sharing and using data, as well as the impact of algorithmic profiling, industrial personalization and government; they will also explore the following topics: issues of privacy, data protection, non-discrimination, equality of opportunities and due process in the context of data-rich environments.

DS-483. Data Structures & Algorithms. 3.00 Credits.

Students will explore core data structures and algorithms used in everyday applications as well as the trade-offs involved with choosing each data structure they will apply traversal, retrieval, and update algorithms, and utilize linked lists, stacks, queues, binary trees, and hash tables. Prerequisites: DS-210.

EA Courses**EA-011L. Language Workshop II. 0.00 Credits.**

A one-semester language lab that must be taken in conjunction with EA-031 and EA-041. It is designed to provide assistance with listening, speaking, reading, and writing in English at an academic and college level. Course Type(s): Remedial, Lab Courses.

EC Courses**EC-101. Macroeconomic Principles. 3.00 Credits.**

Definition of economics and its methodology. Scarcity and the resulting macroeconomic problems. Measurement and determination of the level of macroeconomic activity (size and components of GNP, full employment, growth); stabilization problems (unemployment and inflation) and policies. Course Type(s): Core curriculum course.

EC-102. Microeconomic Principles. 3.00 Credits.

Scarcity and the resulting microeconomic problems. Demand and supply analysis and applications. Production and cost functions. Market structures, industry and firm conduct and performance. Resource markets. Prerequisites: EC-101.

EC-251. Intermediate Microeconomics. 3.00 Credits.

The fundamentals of microeconomic theory. Consumer demand theory including the classical utility and indifference curve approach to consumer equilibrium. Firm behavior under various types of market structures. General equilibrium. Prerequisites: EC-101 EC-102.

EC-252. Intermediate Macroeconomics. 3.00 Credits.

Models of national income determination. Inflation, unemployment, and the role of monetary and fiscal policy. Prerequisites: EC-101 EC-102.

EC-295. Credited Internships. 3.00 Credits.**EC-300. Stats for Business Finance & Economics. 3.00 Credits.**

Introduction to the use of statistics in describing and solving economic and business problems. Frequency distributions, measures of central tendency and dispersion. Basic probability theory and acceptance sampling. Confidence interval estimation and hypothesis testing. Simple regression and correlation analysis. Prerequisites: EC-101 EC-102, MA-105(9413) OR MA-123, MA-106(9414) OR MA-124.

EC-301. Economic and Financial Modeling. 3.00 Credits.

The main applications of mathematics to economic concepts and problems. Maximization, minimization problems. Simultaneous equations, calculus, linear algebra. Prerequisites: EC-300.

EC-303. Economic & Financial Engr W/ Derivatives. 3.00 Credits.

Algebraic and geometric prerequisites, the simplex method, transportation problems, network flows, application to industrial problems, and economic theory. Prerequisites: EC-301.

EC-324. Poverty & Inequality. 3.00 Credits.

Description and analysis of the causes, characteristics and consequences of poverty. Links between poverty and inequality. Measurement of the different dimensions of poverty and inequality. Comparative analysis of poverty and inequality across countries. Poverty reduction policies and strategies. Prerequisites: EC-101 EC-102; Course Type(s): Pluralism, Interdisciplinary.

EC-353. Labor Economics. 3.00 Credits.

Labor aspects as a factor of production. Concept and changing composition of the labor forces competing theories of wage determination employment insecurity institutional and political developments consequent upon the emergence of the labor force as a separate economic entity. Prerequisites: EC-102.

EC-355. Government and Business. 3.00 Credits.

The nature and scope of the government's antitrust and regulatory policies and the impact of those policies on business and industry. Topics include: the legal basis, limitations, instruments and targets of control benefits versus costs of regulation evaluation of relevant governmental agencies and bodies (FDA, EPA, FCC, SEC, etc.). Prerequisites: EC-101 EC-102.

EC-356. Urban Economics. 3.00 Credits.

Inquiry into the growth and development of urban areas the location, form and structure of cities current urban problems and policies. Prerequisites: EC-101 EC-102.

EC-357. Economics of Human Resources. 3.00 Credits.

The economic dimensions of basic decisions made by individuals and families over their life cycles and the policy implications of those choices. Topics include: economic determinants of marriage, family size and migration labor supply and alternatives to working (public assistance or crime) investment in human capital (education, training, health) income inequality, poverty and discrimination. Prerequisites: EC-102.

EC-358. Public Finance. 3.00 Credits.

An analysis of the role of government in the economy. The efficiency and equity of government expenditures and tax programs. Prerequisites: EC-101 EC-102.

EC-450. International Trade. 3.00 Credits.

Trade theories: traditional and modern approaches. International resource allocation, trade flows, tariff and non-tariff barriers to trade, free-trade agreements, multinational corporations, location theory. Prerequisites: EC-101 EC-102.

EC-452. Economic Development. 3.00 Credits.

Measurement and income distribution - obstacles, constraints, factors, and theories of economic development. Aid, planning, and actual experiences. New consideration to the development process. Prerequisites: EC-101 EC-102 OR PERMISSION OF INSTRUCTOR.

EC-454. Political Economy of Latin America. 3.00 Credits.

Survey of historical, cultural and political events. A contemporary study of economic development, debt crisis, trade, financial and stabilization policies. Prerequisites: EC-101 EC-102; Course Type(s): Oral Communications.

EC-494. Sem: Unions & Collective Bargaining. 3.00 Credits.

The nature and economic significance of labor unions in the U.S. Topics include: the historical development of the American labor movement the structure of labor relations collective bargaining procedures and strategies the impact of unions on wages and working conditions. Prerequisites: EC-101 EC-102.

EC-496. Capstone Seminar. 3.00 Credits.

This capstone course ties together the various components in the Economic Major as well as prepares graduates for the next level. Students will develop a synthesis production. Should be taken last term senior year. Honors students are not required to take this course. Prerequisites: EC-251 EC-252 EC-300; Course Type(s): Capstone, Writing Intensive.

ED Courses

ED-001. Reading Lab. 0.00 Credits.

Reading Lab Course Type(s): Remedial.

ED-010. Dynamics of College Reading. 3.00 Credits.

A program of selected readings, vocabulary enrichment, and guided study which enables students to develop effective study and critical reading skills by introducing them to selected readings in diverse fields including their major. Course Type(s): Remedial.

ED-101. Dynamics of College Learning I. 3.00 Credits.

Using multiple interdisciplinary methods, students will become familiar with the University and develop skills they need to be successful in college. Transition course topics include: test-taking strategies, math, reading, writing, technology, and study skills.

ED-102. Dynamics of College Learning II Lab. 1.00 Credit.

A multidisciplinary course for freshmen to assist in their development as responsible college students and to further their potential for academic success. Course Type(s): Lab Courses.

ED-103. Career Development. 1.00 Credit.

This course will provide you with the basics needed in your academic and career planning process. Through guided self-assessment, exploration, and career preparedness activity, students refine and identify potential career interests and understanding of how their major relates to various careers and professions. Students will gain exposure to identifying internships, resume writing, interviewing, networking and developing a personal brand. This course will put students on the road to career success.

ED-104. Experiential Learning Lab. 1.00 Credit.

Lab for Trio students to guide students as they participate in a chosen experiential learning activity. Course Type(s): Lab Courses.

ED-105. TRIO Student Support Excel Sr Sem Lab. 1.00 Credit.

This senior seminar will cover items under the Excel component of the TRIO Program such as the Real World Experience; Graduate School Prep, degree completion, implementation of post-graduate plans, experiential learning, social and leadership growth. Course Type(s): Senior Seminar.

ED-160. Education/Schooling/Multicultural Soc. 3.00 Credits.

This course introduces students to education in a diverse and multicultural world. Students learn about the teaching profession by focusing on career readiness and the historical and philosophical foundations of education in the U.S. and other parts of the world. There will be a focus on students with disabilities, and effective instruction. The course introduces students to lesson planning, the certification process, and required curriculum standards. Additional TK20 fee of \$100. Course Type(s): Pluralism.

ED-170. Child and Adolescent Psychology. 3.00 Credits.

A study of the growth and development from birth to adolescence within the context of the school.

ED-190. Clinical I With Praxis Seminar. 3.00 Credits.

In this course, Education students complete a 50 hour placement in a local school at the level of certification sought. The seminar will prepare students to take the New Jersey Praxis I examination. Students will meet with the professor weekly. Course Type(s): Senior Seminar.

ED-200. Adapt Phys Ed for Special Needs Students. 3.00 Credits.

This course will provide an overview of adaptive physical education including an expanded definition, historical background, classifications and IEP development, assessment practices and teaching and instructional strategies for the special needs students.

ED-201. Fundamentals of Speech. 3.00 Credits.

This course focuses on child development from birth to age eight. Students will learn about theories of child development and how cognitive and linguistic factors affect development and learning. Students will learn about learning styles and multiple intelligences.

ED-203. Educational Psychology. 3.00 Credits.

A study of the psychological backgrounds. Topics include: adolescent growth and development, individual differences, the learning process, motivation, the process of effective study, transfer of training, and measurement of intelligence.

ED-204. Experiential Learning Lab. 0.00 Credits.

This course for ASP sophomores is meant to consolidate the work done in freshman year and provide additional learning opportunities and resources to help students progress with their choice of major, apply for internships, and remain connected with the ASP office for individual advisement and counseling. It will be offered as a hybrid course, with students completing assignments online and meeting with the ASP faculty/staff on a regular basis. Prerequisites: ED-101 OR ED-102 OR ED-103; Course Type(s): Independent Study, Lab Courses.

ED-250. Educational Pedagogy of World Languages. 3.00 Credits.

Methods of foreign-language pedagogy, lesson planning, syllabi, classroom activities, and methods of evaluation. Taught in English; recommended for education majors and/or minors.

ED-295. Credited Internships. 3.00 Credits.**ED-301. Assessment. 3.00 Credits.**

An overview of essential concepts and principles of classroom and school-wide formative and summative assessments in the elementary classroom. An examination of tests and trends in psychological, standardized, and achievement tests and the rationale and assumptions underlying these assessments. Consideration and evaluation of the types of tests commonly used such as state, local, and national assessments as well as discussion of the interpretation of the results.

ED-389. Undocumented Youth-Edu/Immigration Right. 3.00 Credits.

This course will examine youth-lead movements for education and immigrant rights. To understand these issues, we will engage in readings, discussions, site visits, guest speakers and action research projects. Course Type(s): Pluralism.

ED-390. Innovative Projects in Education I. 3.00 Credits.

Special projects of merit under the direction of a mentor. Open to juniors and seniors only. Course Type(s): Senior Seminar.

ED-391. Innovative Projects in Education II. 3.00 Credits.

Special projects of merit under the direction of a mentor. Open to juniors and seniors only. Course Type(s): Senior Seminar.

ED-395. Special Topics in Education. 1.00 Credit.

Exploration of a selected topic in the field of education. Course Type(s): Senior Seminar.

ED-397. Professional Assessment Strategies. 3.00 Credits.

Course would incorporate subject specific content and strategies for taking standardized assessments.

ED-399. Independent Study. 3.00 Credits.**ED-427. South Africa: Lit Culture Social Issue. 3.00 Credits.**

This systematic study of the moral and religious principles of the people of southern Africa explores the history, literature and cultures of various ethnic groups. Students study the history of the KhoiSan people of the Cape of Good Hope, the expansion of the Bantu people into southern Africa, the theologized nationalism of the Boers and the Mfecane of Shaka Zulu. The literature, written in or translated into English, poses moral dilemmas. Themes include: the profound patterns of evil within violent societies, the hope of disenfranchised peoples, the nervousness of the colonized and the anguish of individuals controlled by racism, authoritarianism and prejudice. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Pluralism, Writing Intensive, Values.

ED-428. Literature of East and West Africa. 3.00 Credits.

A study of seminal texts representing the Acholi, Gikuyu, Malinke, Igbo, Wolof, Bambara and Senegalese peoples of East and West Africa. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course, Interdisciplinary.

ED-429. Multicult Lit Young Adult Chains/Freedom. 3.00 Credits.

The theoretical framework of this course is the social contract theory. Students study the natural rights defense of liberty as well as the normative theories of right revolution, the common good and civil virtue as they read eight award winning novels on the middle school level. Note: Students who seek credit as a Values course must complete the prerequisite of six credits of Theology or six credits of Philosophy. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course, Interdisciplinary.

ED-430. Children of Hope in Divided America. 3.00 Credits.

Humanity vs Inhumanity is the core theme of this Values, Pluralism and Writing Intensive course. Slavery, racial discrimination and freedom are analyzed through the key concepts of the Social Contract in America, the Declaration of Independence, the Constitution of the United States, the 13th, 14th and 15th Amendments to the Constitution, the Civil Rights Movement and the historical-theological interpretation of Black Consciousness. The morality of right and wrong and the normative theories of justice and injustice are analyzed as students read award winning novels written for young adults. The narratives begin with the American Revolution and continue through the Civil War, Reconstruction, the Great Depression, Civil Rights and the work of the Black Panthers. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Writing Intensive, Interdisciplinary.

ED-490. Clinical Experience I. 1.00 Credit.

This course will provide clinical experience in an elementary, middle or secondary classroom setting and will provide students with the skills to become effective and caring teachers. Course Type(s): Senior Seminar.

ED-491. Clinical Experience II. 2.00 Credits.

This course will allow students to use their knowledge of developmentally appropriate practices and the role that families and communities play in the development of children and adolescents. Students will be reflective practitioners as they work in the classroom to assess children's learning, incorporate effective classroom management plans and obtain resources for families, colleagues, and administrators. Additional TK20 fee of \$100. Prerequisites: ED-490 OR EP-490; Course Type(s): Senior Seminar.

ED-492. Clinical Prac I & Seminar Elem/Mid/Sec. 3.00 Credits.

Clinical practice in an elementary, middle or secondary setting in order to provide students with the skills and disposition necessary to become effective elementary school teachers and develop relationships with school colleagues, families, and community. Students will provide learning activities that support cognitive, emotional, and social development. They will design learning experiences that support culturally responsive teaching, and plan and assess developmentally appropriate lessons and units. Additional TK20 fee of \$100. Prerequisites: ED-491 OR EP-491; Course Type(s): Senior Seminar.

ED-493. Practicum in Reading. 3.00 Credits.

A field experience designed to provide the opportunity for students to work with reading teachers in a classroom setting. Course Type(s): Senior Seminar.

ED-495. Clinical Practice II and Seminar. 8.00 Credits.

Students plan and implement developmentally appropriate and culturally responsive curriculum in an elementary, middle or secondary classroom which demonstrates their knowledge of development and the role of the school community with regard to student's learning. Students implement the required State standards through an integrated curriculum. They use multiple strategies to assess learning and demonstrate effective classroom management. Additional TK20 fee of \$100 and EDTPA fee of \$300. Prerequisites: ED-492 OR EP-492; Course Type(s): Senior Seminar.

ED-498. Education of the Disadvantaged Child. 3.00 Credits.

An exploration of the impact of discrimination, social conditions, and deprivation on the educational process, particularly in cities.

ED-499. Clinical Practice II & Seminar. 6.00 Credits.

Students plan and implement developmentally appropriate and culturally responsive curriculum in an elementary, middle or secondary classroom which demonstrates their knowledge of development and the role of the school community with regard to student's learning. Students implement the required State standards through an integrated curriculum. They use multiple strategies to assess learning and demonstrate effective classroom management. Additional TK20 fee of \$100 and EDTPA fee of \$300. Prerequisites: ED-490 ED-491 Course Type(s): Senior Seminar.

EE Courses**EE-202. Elementary Curriculum. 3.00 Credits.**

A comprehensive overview of the total elementary school program as a vehicle for the education of the child in contemporary society. This course will focus on effective curriculum planning. Students will develop unit plans that integrate state standards, differentiated instructional strategies and meet the needs of students with diverse learning styles, disabilities and English Language Learners.

EE-204. Using Technology in Elem Language Arts. 3.00 Credits.

This course introduces future elementary school educators to traditional and technological materials and techniques of instruction appropriate to the teaching of spelling, handwriting, listening, and oral and written language skills in the elementary school. The course explores digital literacy in the classroom discussing technological topics such as classroom web page design, using Google Apps, podcasting, screencasting, digital storytelling, blogging, and using Twitter as well as other forms of social media in the elementary classroom. This course has been designated as Writing Intensive. Course Type(s): Writing Intensive.

EE-206. Teaching Reading/Elementary School. 3.00 Credits.

Instruction in modern techniques for teaching children to read. Group and individual approaches: phonetic, basic text, and experimental techniques. Study of literature appropriate to reading development, appreciation, and enjoyment.

EE-212. Methods Teaching Math in Elem School. 3.00 Credits.

Materials and techniques of teaching mathematics, with appropriate emphasis on the traditional and modern developments in the field. Class activities, teaching aids, planning and evaluation of mathematics learning.

EE-214. Teach Science/Elem Sch Using Technology. 3.00 Credits.

Materials and techniques of teaching science with emphasis on the discovery approach to equip the child with basic science learning and to awaken a desire for further science study in elementary school. This course will engage students in hands-on activities supported by technology. Students will apply skills, concepts and principles that unite the science discipline into their lessons and unit plans.

EE-295. Credited Internships. 3.00 Credits.**EE-495. Student Teaching: Elementary. 8.00 Credits.**

A supervised classroom teaching experience on the elementary level (K-8), including seminar meetings and conferences scheduled prior to and during the student-teaching term.

EE-499. Student Teaching: Elementary. 6.00 Credits.

A supervised classroom teaching experience on the elementary level (K-8), including seminar meetings and conferences scheduled prior to and during the student-teaching term.

EL Courses**EL-175. Fundamentals of Acting I. 3.00 Credits.**

Students will use scenes, activities, and games to learn to improvise, move on stage, project their voices, understand a scene, and develop a character.

EL-176. Fundamentals of Acting II. 3.00 Credits.

Continuation of Part I including presentations for theatre and video space creation of video suitable for use as an audition piece.

EL-201. English Literature I. 3.00 Credits.

A study of major works in British literature from the Old English period to the late eighteenth century, with emphasis on literary forms, genres, and themes, as well as key linguistic, cultural, and historical contexts. Required of all English majors. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Core curriculum course.

EL-202. English Literature II. 3.00 Credits.

A study of major works of British literature from the Romantic Era to the present, focusing on thematic concerns and aesthetic innovations within British literary production in relation to the socio-historic development of the cultures of Great Britain and its Commonwealth. Required of all English majors. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Core curriculum course.

EL-203. American Literature I. 3.00 Credits.

Two elements of the American Dream have been present from the very beginning—freedom and opportunity. We will explore the earliest treatments of those ideas and others in works from authors such as John Smith and Edgar Allan Poe. (Group 3) Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Core curriculum course.

EL-204. American Literature II. 3.00 Credits.

This course surveys the literature of America in the twentieth- and twenty-first centuries that shape evolving notions of what it means to be American. Through a variety of literary texts and genres, students will make connections between form, content and meaning while exploring how American literature delineates the capacious and often contested sense of American identity. Topics may include immigration and migration; performance, race, class, and gender; notions of liberty and oppression; place and space. Critical and writing skills will be enhanced through close analysis of texts and the application of basic literacy concepts and methods of interpretation. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Core curriculum course.

EL-205. Survey of World Literature. 3.00 Credits.

An introductory survey of the modern and contemporary literatures of the developing world, with particular emphasis on interdisciplinarily situating texts in terms of their various cultural, political, economic, and historical contexts. As an introductory literature course, this class will also serve to introduce students to the methods of close-reading-based textual analysis. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Arts/Language, Addl Humanities, Pluralism.

EL-206. Poetry. 3.00 Credits.

This introductory literature course is designed to help students develop the skills necessary to understand and enjoy poetry. The class will explore the diversity and range of poetry, emphasizing the analysis of short lyric poems, and selected examples of verse drama, verse essay, and narrative poems. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Arts/Language, Addl Humanities.

EL-207. Drama. 3.00 Credits.

This class introduces students to the creative, eclectic and wonderful world of theatre in order to develop an appreciation for the art. Members of the class work together on creating a greater awareness of the role of theatre in its aesthetic, cultural, historical, and educational settings, helping students to gain a strong and well-rounded understanding of the role theatre plays in our everyday lives. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Arts/Language, Addl Humanities.

EL-208. Fiction. 3.00 Credits.

Designed to initiate and develop understanding and appreciation of the nature, properties, and traditions of prose fiction; and to stimulate critical interest in this literary form by establishing standards of judgment and evaluation. Prerequisites: CM-102, CM-115, CM-116, OR CM-120; Course Type(s): Arts/Language, Addl Humanities.

EL-212. History of Film I: Beginnings to 1959. 3.00 Credits.

This course presents an overview of cinema history from its beginning to 1959 and provides students with the basic tools for analyzing the art of film. Students view representative films from major movements and study the uses of camera, editing, light, and sound.

EL-213. History of Film 1960 - Now. 3.00 Credits.

This course presents an overview of cinema history since 1959, with attention to the cultural, political, economic, and technological forces that helped to shape cinema during this time. Significant trends within the U.S. are studied, including new and changing genres, independent and maverick filmmakers, and the dominance of Hollywood blockbusters. Students are introduced to national cinemas in Asia, Africa, and Latin America.

EL-250. Live Performance Art. 3.00 Credits.

Participants will be enlightened, enriched, entertained, by attending performances representative of Broadway musicals, ballet, concerts, dance, and opera. Additional course fee of \$235. Prerequisites: CM-115, CM-117 OR CM-120.

EL-252. Creative Writing: Fiction. 3.00 Credits.

Creative Writing: Fiction is designed to teach the craft of writing works of prose fiction of various lengths. The objective of the course to produce original work through the study of short stories and novels composed by published authors with a wide range of styles. Writing workshops will work on audience, point of view, tone, language choice, plot, character, setting, dialogue and description, depending on the overall form.

EL-253. Special Topics in Creative Writing. 3.00 Credits.

Special Topics in Creative Writing is designed to teach the craft of creative writing, focusing on a particular literary genre or topic, which will vary by semester. The objective of the course is to produce original work through the study of published authors with a wide range of styles, determined by the course's focus. Writing workshops will work on audience, point of view, tone, language choice, plot, character, setting, dialogue and description, depending on the overall form.

EL-254. Dramatic Writing Workshop. 3.00 Credits.

An introduction to the basics of dramatic writing, this course is for students who wish to concentrate on developing scripts for the stage. Prerequisites: CM-115, CM-117 OR CM-120.

EL-257. Creative Writing: Poetry. 3.00 Credits.

Creative Writing is designed to teach the craft of writing creatively; the objective of the course is to produce original work through the study of published authors with a wide range of styles, determined by the genre focus. In this class we will read a wide variety of poetry, in different forms and from various time periods. We will analyze poems considering context, literary devices, style, and themes, and we will then use them as inspiration for composing our own poetry. By the end of the semester, students will have not only written multiple poetic analyses, but they will also have compiled a dossier of their own creative work, which they will be encouraged to read aloud at one or more "poetry slam" events. Students will also be encouraged to become involved with The Pavan, the literary magazine of Saint Peter's University.

EL-265. Screenwriting. 3.00 Credits.

This course is designed to introduce the fundamentals of writing for film and television. Students experience the same creative process as a professional screenwriter, moving through the various levels of a typical Hollywood "step" deal. During the first two weeks of class, the students conceive, plan, outline and "sell" their ideas for either a feature length film (75-120 minutes) or a television program (sit-com or drama series pilot). Prerequisites: CM-115 OR CM-120; Course Type(s): Writing Intensive.

EL-293. Today's Film Scene. 3.00 Credits.

Students will meet in Manhattan to view and analyze contemporary films, often before they are released to the general public. At times the film makers are likely to participate. The course will give students a knowledge of the contemporary film scene as well as skills in film analysis. Additional course fee of \$235. Prerequisites: CM-115, CM-117 OR CM-120.

EL-295. Credited Internships. 3.00 Credits.**EL-298. Literary Travels. 3.00 Credits.**

Students will read, analyze, and write about works of literature, within their historical contexts, and will travel to the site(s) of their inspiration, typically during the spring break. Destinations will vary, depending on the theme of the class. Additional course fee of \$50.00. Course Type(s): International (Travel).

EL-303. Dante Boccaccio and Chaucer. 3.00 Credits.

In this course we will study, analyze and compare three literary giants of the late Middle Ages: Dante, Boccaccio and Chaucer. Each writer will be studied separately and in a comparative context. In addition, we will look at the influence of these writers on one another, Dante on the other two and Boccaccio on Chaucer. Naturally, each of the writers will be discussed in his historical context, how the three express medieval thought and values and can be read as precursors of the early Renaissance. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-304. Medieval English Literature. 3.00 Credits.

Survey of the Old English period (499-1066), covering selected prose and poetry, including Beowulf, and the Middle English period (1066-1485), surveying the works of Chaucer, Langland, the Gawain poet, Malory and others. (Group 1) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-306. Textual Analysis: Theory and Practice. 3.00 Credits.

An introduction to the predominant contemporary methodologies of literary/cultural studies analysis and their theoretical underpinnings, this course will introduce core disciplinary concepts and develop awareness of the "schools" of criticism that make up the field of literary/cultural studies analysis as it stands today (new historicism, feminism/gender studies, deconstruction, etc.), thereby grounding students in the constitutive disciplinary practices of the field of English. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-308. Literature and Pop Culture. 3.00 Credits.

Literature and Pop Culture will focus upon a different author or aspect of contemporary literary fandom each semester it is offered. It will consider how composers of fan fiction, spinoffs, mashups, screenplays, vlogs, video games, and more adapt the works of their favorite authors in order to extend their experiences in these beloved "universes" and to bring their characters along with them, addressing issues of their own times. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-309. Women in Drama. 3.00 Credits.

This class will explore the multitude of contributions made to the world of drama and theatre by female-identifying playwrights, producers, directors, designers and performers to help you develop an appreciation and understanding for their historical impact for this art form. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-310. Gender and Sexuality in Film. 3.00 Credits.

An introduction to an understanding of the ways in which gender and sexuality have been represented in film and the mass media. Beginning with an introduction to methods of film analysis, it will explore socio-cultural presumptions about gender and sexuality, how some of these have changed over time, and how they have influenced social expectations, body types, and narrative structure. It will also look at diversity within categories and how "woman" can include Charlize Theron, Kate McKinnon, Lillian Gish, and Marilyn Monroe and "man" can include John Wayne, Kevin Hart, and Pee Wee Herman. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-311. The Renaissance: Major Texts. 3.00 Credits.

Interpreting the term "texts" broadly (as any important intellectual or artistic productions emerging from the variously and often vaguely defined era called the Renaissance), this course examines crucial literary works-including Don Quixote, Hamlet, the sonnets of Petrarch, and Calderon's Life is a Dream-as well as important artists (Giotto, Michelangelo, Leonardo, and Raphael) and philosophers (Descartes and Pascal, among others) of the period. (Group 1) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-312. Fantasy: Worlds of Wonder. 3.00 Credits.

Fantasy, comprised of tales rooted in history and myth, still retains contemporary resonance. From the fairy tale aspect of The Wizard of Oz to the epic scope of The Lord of the Rings, fantasy as a literary genre continues to fascinate readers. This course will draw on such diverse scholarly sources as J.R.R. Tolkien's approach to world-building to Joseph Campbell's arc of the hero's journey to explore classics of this compelling type of literature. Students will read and analyze selected works to determine not only the power of creative aesthetics found therein but also to analyze why such stories are experiencing a popular resurgence in today's society. For those who have spent years secretly wishing for an acceptance letter from Hogwart's, this course will provide entry into quests, quidditch, and cavernous wardrobes that open into magical realms! Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-313. Renaissance Drama. 3.00 Credits.

A reading and analysis of a variety of Renaissance plays from England and the continent (including Spain, Italy and Portugal). (Group 1) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-314. Elizabethan and Jacobean Drama. 3.00 Credits.

A study of important dramatists, from Marlowe to Ford, excluding Shakespeare. Revenge tragedies, history plays and city comedies are examined both as literature and as plays intended for performance. (Group 2) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Writing Intensive.

EL-315. Studies in Shakespeare. 3.00 Credits.

A critical appreciation of representative sonnets, history plays, comedies, "problem comedies", tragedies, and romances. Works are studied within their historical context, and plays are approached both as published literature and as work designed for the stage. (Group 2) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-324. Restoration and Eighteenth Century Drama. 3.00 Credits.

After the English Civil war and Charles II's restoration to the throne, English theater saw a revival and openness to new themes and broader participation (with women joining the ranks of players and playwrights). In this class, we will examine wickedly satirical comedies of manners, highly emotional tragedies, and new genre of opera, and more - on the page and in performance. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-330. Greek Mythology: When Women Were Gods. 3.00 Credits.

A study of Greek Mythology: the theories of myth and their specific influence in literature, media, and art. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-331. English Romanticism. 3.00 Credits.

An exploration of major trends in English Romanticism with particular attention to the question of why writers of this era had such an explosive effect on the course of English literature. (Group 3) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-332. W. Wordsworth Percy B. Shelley J.Keats. 3.00 Credits.

Issues to be discussed in this class include the nature of Romanticism, the Romantic Revolution, and these writers and other Romantic poets as rebels against the work and views of poets of the Eighteenth century. Important themes which these poets focused on and which we will discuss are the poet, himself or, rather, his feelings and ideas as the subject of his verse. Another theme, especially in our discussion of William Wordsworth, is the poet's relationship and view of nature. And, finally, we shall study the work of these poets as expressions of deep feelings, and attitudes and their defense of emotion as a legitimate subject of poetry. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-334. Victorian Prose and Poetry. 3.00 Credits.

An exploration of significant trends in Victorian literature primarily through a study of the works of its major poets, essayists, and novelists. (Group 3) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-335. Victorian Life and Literature. 3.00 Credits.

A study of art, education, history, religion, and science in the literature of the Victorian era. (Group 3) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-339. Literature of the Black Atlantic. 3.00 Credits.

Africana culture has flowed across the Atlantic Ocean littoral from the earliest days of the trans-Atlantic slave trade - not just from West Africa to the New World, but back and forth in complex circuits interconnecting the black peoples of West Africa, the Caribbean, the United States, and the United Kingdom. This is what scholar Paul Gilroy, in his groundbreaking formulation, calls "the Black Atlantic": an Africanist socio-cultural entity that traverses national and geographic borders. This course examines the literature of the Black Atlantic, proceeding from a survey of different theorizations of blackness to an analysis of select works by black authors that focus particularly on social and cultural encounters, exchanges, movements, and inter-group conceptualizations of different Africana peoples. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Pluralism, Writing Intensive.

EL-345. Gothic Literature. 3.00 Credits.

The Gothic mode in fiction has been popular for over two centuries. This course explores stories and novels, from *The Castle of Otranto* to *The Exorcist*, that reflect crucial elements of the genre. We will be reading all forms of the Gothic-supernatural, mechanical, and psychological. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-354. American Drama. 3.00 Credits.

An exploration of works by important American playwrights-including O'Neill, Williams, Hansberry, Mamet, and Wilson-this course examines how plays present universal concerns of family, identity, and the search for meaning, as well as specifically American themes of race, class, and gender. (Group 4) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-360. LGBTQ Drama. 3.00 Credits.

This Group 4 course will focus on 20th and 21st Century American drama that deals with the subject of Gay, Lesbian, Bisexual, Transgender and Queer life. Members of the community wrote some pieces; others use an LGBTQ character in a unique manner. All of the pieces contend with the history of this minority group in a historical context; each piece seeks to decipher the place of minority (and often multi-minority) cultures in America.(Group 4) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Pluralism.

EL-361. Hitchcock. 3.00 Credits.

This course is designed to offer an in-depth study of the films of Alfred Hitchcock. Examining the major films against the director's life and the Hollywood system, students will understand the parameters of auteur theory and the working of the Hollywood system. Particular emphasis will be placed on Hitchcock's story-boarding method, stylistic and cinematic technique, and his innovative use of editing and sound. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-362. African American Literature. 3.00 Credits.

Students will experience the artistry of American writers of color by tracing their development from the early slave narrative to contemporary works of film, novels, and poetry. Discussions will revolve around these texts to familiarize readers with theories of formal literary reading, and cultural/ethnic distinction subjects include gender-based criticism, theories of community, and attitudes toward racism and prejudice. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-391. America's Roaring '20s. 3.00 Credits.

This course will consider the history, literature, cinema and culture of America's most turbulent and polarizing decade. The 1920s -- to some, America's golden age - was a time of great prosperity, giving rise to new economic empowerment to the American middle-class, shifting reliance on technology for news and information, changing roles for women and ethnic minorities, and a new-found excitement in cinema and culture. Much the opposite, a growing tide of political conservatism in the presidency led many to retreat to the "lost" cafes of Paris, and the enclaves of Harlem, where the black experience recorded their quest for the American Dream. The history, politics, literature, cinema and cultural trends of this decade illustrate how the American spirit could evolve from the traumas of World War I, to celebrate a new "roaring" American spirit. Students will not only explore the rich and diverse literature and cinema of the period but conduct research of their own into the political and cultural fields that make this period vital in shaping America's maturing place on the global stage. Course Type(s): Senior Seminar.

EL-403. Great Books. 3.00 Credits.

Designed to provide a background in intellectual history and provoke consideration of ethics and values, this course studies texts fundamental to the Western literary tradition and to a liberal education. Writers include Homer, Plato, St. Augustine, Machiavelli, Cervantes, Rousseau, Nietzsche, and Dostoevsky. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-417. Detective Fiction. 3.00 Credits.

This course focuses on the history of detective fiction and the evolution of the genre into reportage - the blending of real crime with the narrative of detective fiction. The selected fictions tell stories of crimes from differing points of view, beginning with the detective, moving toward the criminal and ending with their victims. In addition, a variety of crime genres will be studied: the whodunit, the noir, the docudrama, reportage, the neo-noir and the meta-fiction. (Open to all who have met the prereq. requirements -Take 1 course: From courses EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207, or EL-208. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-421. Fiction and Film. 3.00 Credits.

The course provides an introductory understanding of film, of the novel, and of the ways they interrelate. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-423. American Film. 3.00 Credits.

Through lectures, films shown in class, readings, and research projects, this course will develop the students' ability to analyze film in depth as well as to understand the historical and artistic development of the Hollywood film industry. Classical and current films will be studied in relation to American as well as foreign film traditions. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-450. Capstone Seminar. 3.00 Credits.

A required seminar on a topic in English or American literature. As part of its content, the course will provide an introduction to literary theory and criticism applicable to the seminar's focus. Students will engage in extended research and write and present a capstone thesis. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Capstone, Writing Intensive, Senior Seminar.

EL-460. Culture of the 70's. 3.00 Credits.

This course offers an interdisciplinary cultural history of the 1970s in the United States. Particular attention will be focused on exploring the major events, trends, and social movements of the period through close analysis of its literature, film, music, television, and visual art. Topics will include the Women's liberation Movement, the Black Power Movement, urban decay and artistic renaissance in 1970s NYC, the birth of neoconservatism, and the politics of disco and the cultural backlash against it. Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-473. Shakespeare: From the Page to the Stage. 3.00 Credits.

Since Shakespeare's plays were intended to be performed live, not read in silence, we will both critically analyze a selection of his works and then bring the texts alive in performance, employing both original theatrical practices and modern acting techniques. (Group 2) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208.

EL-493. Film Noir: Dark Side of American Film. 3.00 Credits.

An introduction to this American Film genre with reference to its origins in European films and painting of the 1920's and 1930's, and in American hard-boiled detective fiction of the 1930's, as well as to its significance to the development of Hollywood and today's mass media. Prerequisites: 1 COURSE EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

EL-498. SPS Capstone. 3.00 Credits.

Required for certain SPS students in consultation with advisor. The course will examine the relationships between humanities, social sciences and other disciplines through literature and writing, and will culminate in a thesis. Course Type(s): Capstone.

EL-499. Special Topics. 3.00 Credits.

(Group 4) Prerequisites: 1 COURSE FROM COURSES EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 EL-208; Course Type(s): Writing Intensive, Pluralism, Interdisciplinary.

EP Courses**EP-201. Child Development in the Early Years. 3.00 Credits.**

This course surveys and focuses on child growth and development from birth through early adolescence. Theory related to individual stages of growth and educational methods related to those stages are discussed. The psychological, physiological, and sociological aspects and impacts of growth and development are also covered. Prerequisites: ED-170.

EP-202. Developing Home School Family Partners. 3.00 Credits.

This course addresses the role of the home, school and family in the development of and learning of young children. Students will examine the philosophical, historical, political, and social trends and ideologies that impact the care of young children. Students will develop an understanding of diverse family units and identify resources to address their needs.

EP-301. Introduction to Special Education. 3.00 Credits.

This course will provide an overview and introduction to educational disabilities, special education laws, and the Individualized Education Plan (IEP) planning process. Characteristics and prevalence of a wide range of disabilities will be explored. Students will consider contemporary instructional approaches used for specialized populations.

EP-302. Meth. Curr. Assess. in EC CL. 3.00 Credits.

This course will focus on implementing developmentally appropriate teaching practices, classroom management techniques, successful motivational strategies, objectives, lesson plans, and innovative methods. In addition, students will be provided situations to assess professional goals, develop authentic assessment practices, and respond to the cultural, linguistic, and learning needs of all students.

EP-490. Clinical Experience I: Early Child/Elem. 1.00 Credit.

This course will provide clinical experiences in an elementary or early childhood settings and will provide students with the skills to become effective and caring teachers. (Sophomore year) 50 hours. Course Type(s): Senior Seminar.

EP-491. Clinical Experience II: Early Child/Elem. 2.00 Credits.

This course will allow students to use their knowledge of developmentally appropriate practices and the role that families and communities play in the development of children. Students will be reflective practitioners as they work in the classroom to assess children's learning, incorporate effective classroom management plan and obtain resources for families, colleagues and administrators. (Junior year) 75 hours. Additional TK20 fee of \$100. Prerequisites: ED-490 OR EP-490; Course Type(s): Senior Seminar.

EP-492. Clinical Prac I & Seminar Elem/Mid/Sec. 3.00 Credits.

Clinical practice in an early childhood or elementary setting in order to provide students with the skills and dispositions necessary to become effective early childhood teachers and develop relationships with school colleagues, families and community. Students will provide learning activities that support cognitive, emotional and social development. They will design learning experiences that support culturally responsive teaching, plan and assess developmentally appropriate lessons and units. (100 hours) Additional TK20 fee of \$100. Prerequisites: ED-491 OR EP-491; Course Type(s): Senior Seminar.

EP-495. Clinical Practice II & Sem Early Child. 8.00 Credits.

Students plan and implement developmentally appropriate and culturally responsive curriculum in an early childhood/elementary classroom which demonstrates their knowledge of child development and the role of the school community with regard to children's learning. Students implement the Core Curriculum Content Standard through an integrated curriculum. They use multiple strategies to assess learning and demonstrate effective classroom management. (450 hours) Additional TK20 fee of \$100 and EDTPA fee of \$300. Prerequisites: ED-492 OR EP-492; Course Type(s): Senior Seminar.

EP-499. Clinical Practice II & Seminar. 6.00 Credits.

Students plan and implement developmentally appropriate and culturally responsive curriculum in an elementary, middle or secondary classroom which demonstrates their knowledge of development and the role of the school community with regard to student's learning. Students implement the required State standards through an integrated curriculum. They use multiple strategies to assess learning and demonstrate effective classroom management. Additional TK20 fee of \$100 and EDTPA fee of \$300. Course Type(s): Senior Seminar.

EV Courses**EV-100. Introduction to Environmental Studies. 3.00 Credits.**

An introduction to issues such as global climate change, use of natural resources, population issues, impact of political and economic decisions; decision-making considerations; evaluating arguments. Course Type(s): Stem.

EV-102. Intro to Climate Change. 3.00 Credits.

An introduction to the scientific aspects of climate change and the impact of political and economic decisions; decision-making considerations and the evaluation of arguments on different sides of the issue; an underlying issue is sustainability. Course Type(s): Stem.

EV-122. Nutrition in Health and Disease. 3.00 Credits.

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being.

EV-125. Environmental Chemistry I. 4.00 Credits.

Laboratory/lecture course introducing the chemical principles underlying environmental issues. The class meetings and one four-hour laboratory weekly. Prerequisites: MA-106 OR MA-133; Course Type(s): Stem.

EV-126. Environmental Chemistry II. 4.00 Credits.

Laboratory/lecture course introducing the chemical principles underlying environmental issues. The class meetings and one four-hour laboratory weekly. Prerequisites: EV-125; Course Type(s): Stem.

EV-155. Politics of Climate Disruption. 3.00 Credits.

This course will explore how environmental issues - such as climate change, resource extraction and energy use - are shaped by politics and political systems at the international, domestic and local levels. We will also examine the ways in which environmental issues have shaped politics - with concepts such as sustainable development and environmental justice - since the emergence of the environmental movement.

EV-200. Economics of Environmental Decisions. 3.00 Credits.

Evaluate the economics impact and feasibility of environmental decisions on individuals, governments and industry. Prerequisites: EC-100 EV-100.

EV-232. China: Environmntl Chnge & Possibilities. 3.00 Credits.

This course focuses on the social, political, economic and cultural variable that impact the Chinese environmental deterioration and these consequences for the world at large. Alternative models of environmental conservation are included. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

EV-251. Geographic Information System. 3.00 Credits.

This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS). Basic GIS concepts, such as map characteristics and projections, spatial data models and analysis and relational databases will be covered. Hands-on experience with GIS software is provided. Students will be exposed to methods of processing both vector and raster data using GIS software. Prerequisites: EV-100.

EV-253. Environmental Art & Issues. 3.00 Credits.

The course is designed to look at environmental issues through the interpretations of an artistic venue. We will explore how interdisciplinary environmental discussions within academic and activist communities can inform the artist and their work as well as society at large. The structure of the class will include research in topics such as eco-ethics, animal rights, environmental justice, "green" consumerism, and eco-activism. The work created in the class, be it visual or written, will be presented to the college in a gallery space, website and/or through a public dialogue on campus for Saint Peter's College students and the community at large. The course is geared toward a range of disciplines within and outside the arts inviting a wide range of students to take this course. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH: Course Type(s): Values.

EV-271. Concepts of Public Health. 3.00 Credits.

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

EV-295. Credited Internships. 3.00 Credits.

Internship in environmental area. Course Type(s): Independent Study.

EV-304. Ecological Ethics-Religious Environment. 3.00 Credits.

Students will have the opportunity to study ecological ethics and environmentalism through an analysis of issues such as environmental justice, species preservation and ecological economics. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

EV-310. Ecology. 4.00 Credits.

The usual definition of ecology - the relationship between organisms and their environment - is expanded to include the biological as well as the physical conditions under which an organism, population, or species lives to show that relationships involve the interactions between the biotic world and the physical world as well as between members of the same species and between different species. Additional course fee of \$100. Prerequisites: BI-183, BI-185, BI-184, BI-186, C OR BETTER IN BI-240; STUDENTS MUST HAVE 60 CREDITS. Course Type(s): Writing Intensive.

EV-312. Biology of Global Change. 3.00 Credits.

This course will investigate natural and anthropogenic global change and its impact on marine, fresh water, terrestrial and human dominated ecosystems. Prerequisites: C OR BETTER IN BI-184 FOR BIOLOGY MAJOR OR MINOR. Course Type(s): Pluralism, Interdisciplinary.

EV-313. Human Evolution Ecology and Adaptation. 3.00 Credits.

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs. These adaptations and their consequences for changes in human ways of life are central to this course. Prerequisites: BI-184 OR SO-121.

EV-327. Environmental Politics and Policies. 3.00 Credits.

This course explores the shifting political forces that determine environmental policies. Included is an examination of pressures, interest groups, and the media. Prerequisites: EV-100.

EV-400. Sustainability: Plan for a Better Future. 3.00 Credits.

Students will learn about the 17 United Nations Sustainable Development Goals or Global Goals which are designed to be a "shared blueprint for peace and prosperity for people and the planet, now and into the future". Students will design a project based on a deeper exploration of one (or more) sustainable goals of their choosing. Prerequisites: EV-100 OR BI-184 AND COMPLETED 60 CREDITS; Course Type(s): Capstone.

EV-486. Seminar: Genocide. 3.00 Credits.

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

EV-489. Globalization and Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

EV-492. Environmental Studies Internship. 3.00 Credits.

Planned and supervised off-campus working experiences with an environment profit or non-profit organization integrated with an independent academic study under the tutelage of the Director of Environmental Studies. Prerequisites are three EV classes. Course Type(s): Senior Seminar.

EX Courses**EX-103. Prin & Found of Phys Education. 3.00 Credits.**

An examination of the historical and philosophical development of physical education from ancient times to the present. To acquaint the student with physical education as a profession. Course Type(s): Pluralism.

EX-122. Nutrition in Health and Disease. 3.00 Credits.

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being.

EX-220. Concepts of Human Health & Disease. 3.00 Credits.

A survey of the mechanisms of disease, their expression in major organ systems, the factors that cause disruption of healthy body functions, leading to disease, and disease prevention. The goal is to use scientific reasoning to make informed decisions about matters related to human biology and health. Prerequisites: BI-171 AND BI-172 MINIMUM GRADE C.

EX-255. Fitness and Wellness. 3.00 Credits.

This course helps students adopt and maintain behavior associated with an active and healthy lifestyle. Through lecture and exercise, students will learn behavioral patterns consistent with current knowledge in fitness and wellness.

EX-271. Concepts of Public Health. 3.00 Credits.

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

EX-295. Credited Internships. 3.00 Credits.**EX-310. Kinesiology. 3.00 Credits.**

Application of facts and principles of anatomy and mechanics to the study of human motion, including the systematic approach to the analysis of motor skill activities.

EX-311. Biomechanics. 3.00 Credits.

The study of the laws of mechanics as they relate to physical movement, skill development, and athletic performance. Special attention is paid to the muscular, joint, and skeletal actions of the body and how they may impact performance.

EX-352. Exercise Physiology I. 3.00 Credits.

A study of the physiological effects of movement on the human body and the relationship existing among muscular, respiratory, circulatory and nervous systems.

EX-353. Exercise Physiology II. 3.00 Credits.

The continued study of the physiological effects of movement on the human body and the relationships existing among muscular, respiratory, circulatory and nervous systems. Course Type(s): Capstone, Writing Intensive.

EX-360. Sports Medicine. 3.00 Credits.

To teach students the basis of being a certified athletic trainer and includes injury recognition, prevention, evaluation, treatment, rehabilitation and administration of athletic injuries.

EX-410. Legal & Ethical Issues in Sports. 3.00 Credits.

A hybrid values course that includes topics in policy development, labor movement in sports, collective bargaining in sports organizations, ethical dilemmas and implications. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

EX-498. Internship in HEPE. 3.00 Credits.

Field work experience in the areas of Sports Management and/or Health and Physical Education. Course Type(s): Senior Seminar.

EX-499. Internship. 3.00 Credits.

Field work experience in the areas of Sports Management and/or Health & Physical Education. Course Type(s): Senior Seminar.

FN Courses**FN-295. Credited Internships. 3.00 Credits.****FN-302. Elements of Econometrics. 3.00 Credits.**

The application and limitation of statistical techniques in testing economic and finance theories: simple and multiple regression analysis, time series and cross section analysis, problems encountered in regression such as multicollinearity and serial correlation. Prerequisites: EC-300.

FN-401. Intro to Corporate Finance. 3.00 Credits.

Provides the foundation for courses in finance . Topics include: Agency relationship Financial statement analysis discounted cash flow and securities valuation, concepts of risk and return and the capital asset pricing model. Cannot be taken by anyone who has taken FN 410. Prerequisites: THE FOLLOWING: EC-101 AND EC-102, MA-105 OR MA-123 AND MA-106 OR MA-124.

FN-410. Business Finance. 3.00 Credits.

Provides the analytical foundation for applied courses in finance, investments, and financial institutions. Topics include: discounted cash flow analysis theory of valuation for corporate securities concepts of risk and rate of return the capital asset pricing model financial forecasting working capital policy. Prerequisites: AC-331 AC-332.

FN-411. Financial Management. 3.00 Credits.

Builds on the conceptual framework developed in FN-401 or FN-410. Topics include: capital budgeting cost of capital, leverage and dividend policy long-term financing decisions involving common stock financing, long-term debt, and corporate restructuring. Prerequisites: FN-401 OR FN-410.

FN-412. Investment Analysis. 3.00 Credits.

Survey of the operations of securities markets the analytical methods and theory underlying the appraisal of corporate stocks and bonds and portfolio selection. Prerequisites: FN-401 OR FN-410.

FN-415. International Finance. 3.00 Credits.

Analysis of foreign exchange and foreign exchange markets, balance of payment, disequilibrium and adjustment, exchange risk management and investment decisions. Prerequisites: EC-101 EC-102.

FN-416. Ethics in Financial Professions. 3.00 Credits.

This course allows students to study systematically situations in finance professions that present ethical issues, focusing on the application of ethical principles to possible conflicts between parties in occupations in which finance professionals work. This course enables students to investigate issues of value in a reasoned and coherent manner in economics and finance. As such, it fulfills the core curriculum requirement for a values course. Prerequisites: EC-101 AND EC-102; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Interdisciplinary.

FN-417. Financial Statement Analysis. 3.00 Credits.

Covers the application of analytical tools to general purpose finance statements necessary to evaluate the financial condition of the firm and evaluate the future prospects of the company. The "analyst" can be any of several interested groups: investors, creditors, or other stakeholders such as employees, customers, suppliers and government. Prerequisites: FN-401, AC-151 AND AC-152 RECOMMENDED OR FN-410.

FN-420. Money Credit and Banking. 3.00 Credits.

Analysis of money and banking system. The impact of deregulation and the changing nature of the financial system in a domestic and international setting. The structure and role of the Federal Reserve system. Keynesian, monetarist and rational expectations views on money and economic activity. Prerequisites: EC-101 EC-102.

FN-490. Current Problems in Finance & Economics. 3.00 Credits.

This course examines recent developments in financial markets and practices, such as the growth of private equity and prevalence of stock buybacks. Special attention is paid to the economic consequences of these developments, with effect of finance on industry the main concern. Prerequisites: EC-101 AND EC-102.

FN-493. Seminar: Macroeconomic Policy. 3.00 Credits.

Case-study approach to U.S. financial and macroeconomic problems and policies, especially issues in monetary policy, and their international repercussions. The interplay of political institutions and market forces in the shaping of policies toward financial markets and institutions. Prerequisites: EC-101 AND EC-102.

FR Courses**FR-113. Elementary French I. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of French. Only for students with no previous French. Course Type(s): Arts/Language, Addl Humanities.

FR-114. Elementary French II. 3.00 Credits.

An introduction to the pronunciation and basic grammatical principles of French. Only for students with no previous French. Prerequisites: FR-113 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

FR-133. Intermediate French I. 3.00 Credits.

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of French through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: FR-114 OR 1-2 YEARS HIGH SCHOOL FRENCH; Course Type(s): Arts/Language, Addl Humanities.

FR-134. Intermediate French II. 3.00 Credits.

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of French through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: FR-133 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

FR-141. Adv Composition & Conversatn I. 3.00 Credits.

Refinement of composition skills nuances of grammatical usage vocabulary building intensive practice in French conversation. Prerequisites: FR-134 OR 1-2 YEARS HIGH SCHOOL FRENCH OR INSTRUCTOR APPROVAL.

FR-142. Adv Composition & Conversatn II. 3.00 Credits.

Refinement of composition skills nuances of grammatical usage vocabulary building intensive practice in French conversation. Prerequisites: FR-141.

FR-243. Survey of French Literature I. 3.00 Credits.

Study of the growth of French literature from the Middle Ages to the Renaissance. Prerequisites: FR-134 OR 3-4 YEARS H.S. FRENCH OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

FR-244. Survey of French Literature II. 3.00 Credits.

Study of the growth of French literature from the enlightenment to the present. Prerequisites: FR-243 OR 3-4 YEARS H.S. FRENCH OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

FR-247. Introduction to French Culture. 3.00 Credits.

Study of the development of French culture in history, literature, language, art, music, and customs. Prerequisites: 2 YEARS OF HS FRENCH OR FR-114 OR INSTRUCTOR APPROVAL.

FR-248. French Conversation I. 3.00 Credits.

Daily practice in speaking French with special attention given to pronunciation, vocabulary development, and review of essential grammatical points. Prerequisites: FR-134 OR 1-2 YEARS OF HIGH SCHOOL FRENCH.

FR-249. French Conversation II. 3.00 Credits.

Daily practice in speaking French with special attention given to pronunciation, vocabulary development, and review of essential grammatical points. Prerequisites: FR-248.

FR-252. French Masterpieces I. 3.00 Credits.

Detailed study of various masterpieces of French literature that have helped to define French culture nationally and internationally. Prerequisites: FR-134 OR 3-4 YRS H.S. FRENCH OR INSTRUCTOR PERMISSION.

FR-253. French Masterpieces II. 3.00 Credits.

Detailed study of various masterpieces of French literature that have helped to define French culture nationally and internationally. Prerequisites: FR-134, 3-4 YEARS OF H.S. FRENCH, OR INSTRUCTOR PERMISSION.

FR-270. Contemp. Francophone Culture. 3.00 Credits.

Improvement of basic language skills in French through the study of contemporary Francophone music and film. Prerequisites: FR-134 OR INSTRUCTOR APPROVAL.

FR-325. Marco Polo & the Silk Road. 3.00 Credits.

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia. This course may be taken EITHER for Core Modern Language OR for Pluralism, but NOT FOR BOTH. Course Type(s): Pluralism.

FR-360. History and Culture of the Philippines. 3.00 Credits.

A survey of Filipino history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film, and food. Course Type(s): Pluralism.

FR-365. Literature of Haiti I. 3.00 Credits.

Study of Haitian literature from its origins to the early 20th century. Prerequisites: 3 YEARS HS FRENCH OR FR-134 OR INSTRUCTOR APPROVAL.

FR-399. Independent Study. 3.00 Credits.

Topics: To be determined by the Chairperson and the Instructor. Course Type(s): Independent Study.

FY Courses**FY-100. Cannoli Tostones Jesuits and You. 3.00 Credits.**

While feeding ourselves with international foods we will also feed our minds and spirits with international Jesuit values and practices to make our world better. Course Type(s): Core curriculum course.

FY-101. Latin America and the Jesuit Tradition. 3.00 Credits.

Study of the thought, actions, and significance of the Jesuits in Latin American history, tradition, life, and culture. Course Type(s): Core curriculum course.

FY-102. Walking the Walk: Justice in the System. 3.00 Credits.

Study of how to accompany others in the criminal justice system by injecting personalized attention in the Jesuit spirit of caring for all people. Course Type(s): Core curriculum course.

FY-103. Media Literacy and the Jesuit Tradition. 3.00 Credits.

Study of how to approach the form and content of media critically and ethically in the light of Ignatian ideals and practices. Course Type(s): Core curriculum course.

FY-106. Math & Social Media. 3.00 Credits.

This course will explore the nature of a Jesuit education and use mathematics to examine ethical issues related to current trends in social media. Course Type(s): Core curriculum course.

GM Courses**GM-113. Elementary German I. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of German. Only for students with no previous German. Course Type(s): Arts/Language, Addl Humanities.

GM-114. Elementary German II. 3.00 Credits.

An introduction to the pronunciation and basic grammatical principles of German. Only for students with no previous German. Prerequisites: GM-113; Course Type(s): Arts/Language, Addl Humanities.

GRAD Courses**GRAD-000. Graduate Placeholder. 6.00 Credits.**

A generic course number holding 6 credits used for graduate billing.

GS Courses**GS-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.**

This course will offer students an introduction to lesbian, gay, bisexual and transgendered studies. Along with a focus on the history of this topic as a social movement, the course examines the topic from community, social justice and lifestyle perspectives.

GS-137. Nonviolence Community Org. Social Move. 3.00 Credits.

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

GS-140. Introduction to Women's Studies. 3.00 Credits.

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships. Course Type(s): Pluralism.

GS-216. Gender Sexuality & Religion. 3.00 Credits.

Religion is known to have devoted considerable energy to regulate sexual norms and gender roles. This course seeks to help students to understand the social construction of religion, gender and sexuality. It will analyze and examine how different religions view gender and sexuality and how religion construct, reconstruct, and deconstruct gender norms and sexuality. Prerequisites: SO-121.

GS-223. Latin Amer Today: People Culture Issue. 3.00 Credits.

This course provides an overview of the diverse societies of Latin America from a social science perspective. We will explore everyday life and experiences as they relate to culture and diversity, race, ethnicity and gender, politics and the economy, migration and urbanization, social justice and pop culture.

GS-230. Black American Politics. 3.00 Credits.

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics.

GS-253. Social Deviance. 3.00 Credits.

Explores the concepts of social norms, egocentricity, and ethnocentricity. Examines the relativity of deviance including criminal behavior, human sexuality, drug use, suicide, and other alternative forms of behavior.

GS-256. Sociology of Sports. 3.00 Credits.

This course uses both readings and films to explore the impact of economic and political forces and changing constructions of gender and social values on organized athletics at the professional and amateur levels. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH: SO-121.

GS-273. Global Feminisms. 3.00 Credits.

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality. Prerequisites: WS-140; Course Type(s): Pluralism.

GS-276. Comparative Social Movements. 3.00 Credits.

From Hong Kong to Chile, Wall Street to Plaza de Mayo, the last few years have demonstrated that the politics of protest and collective mobilization play an ever more relevant part in the contemporary dynamics of political resistance and social change. Through the comparative study of social movements around the globe, this course provides an overview of theoretical approaches and transdisciplinary insights into the study of collective action. Class discussions will go beyond stigmatized connections between social action and social unrest to explore topics such as performance and everyday resistance strategies, power and identity relations and other factors that allow for a critical perspective on the field.

GS-285. Gender & Communication. 3.00 Credits.

This course is an introduction to the field of study of communications and gender. The objective is the explanation, observation, discussion and understanding of gender and how it affects communication at the personal, group, organization and societal levels and how gender is portrayed in our culture through digital technology and the mass media. Course Type(s): Pluralism.

GS-297. Fat Feminism and Comparative Politics. 3.00 Credits.

A look at the American diet industry and medical institutions as they relate to the intersection of fat-phobia as anti blackness. A connection to how modern feminism has shaped the body positivity movement and the evolution of fat politics.

GS-308. Women and American Politics. 3.00 Credits.

This course will analyze the participation of women in American political life; examine women's public roles and the effects of feminism in altering women's public roles in both historical and contemporary contexts; delve into women's participation in electoral politics; understand women's behavior and influence as public officials; and analyze the intersection of gender with other categories such as race/ethnicity and political party. We'll study the historic 2020 presidential election, the gender gap, and attitudes towards Vice President nominee Kamala Harris and other presidential/vice presidential candidates. This course is designed to introduce students to the study of gender and U.S. politics including the central questions, concepts, and debates in the field.

GS-309. Women in Changing Urban World. 3.00 Credits.

Historical and contemporary examination of urban revolution as social basis for changing roles of women. Generation of conflicts and possibilities. Implications for society. Prerequisites: UR-151 OR SO-121.

GS-310. Feminist Political Theory. 3.00 Credits.

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism, Marxist feminism, radical feminism, and post-modern feminism. Course Type(s): Pluralism.

GS-311. Philosophy and Bob Dylan. 3.00 Credits.

An investigation of the philosophical, ethical and cultural themes in Bob Dylan's lyrics. Philosophical ideas such as appearance versus reality, truth and knowledge, and good and evil will be explored through a comprehensive study of Dylan's music. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

GS-316. Hip Hop and US Political Life. 3.00 Credits.

An examination and discussion of Hip Hop's political origins and how the musical genre provides insight into the social and political climate of America.

GS-319. Politics and Pandemics. 3.00 Credits.

The COVID-19 pandemic sparked intense discussion about the political and economic factors and responses that have shaped this most recent iteration of a world pandemic. This course considers the political, economic, and climate change realities that have ushered forth the COVID-19 pandemic, as well as previous world vital catastrophes. Also, it looks at what these epidemics reveal about the injustices that permeate societies, and why marginalized communities, such as immigrants, communities of color, the elderly, and the economically impoverished disproportionately bear the brunt of the pandemic's brutal effects. Finally, and in the words of Arundhati Roy, how might we walk through the portal of the pandemic in a liberated way?.

GS-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

GS-326. The Anthropology of Gender. 3.00 Credits.

This course is a cross cultural, comparative and historical examination of the different constructions of gender (masculinity and feminism) and how gender has shaped the perspectives, methods and subject matter of anthropology's four fields. Prerequisites: SO-140 OR WS-140 Course Type(s): Pluralism.

GS-333. Gender Crime and Justice. 3.00 Credits.

An in-depth survey of changing social values about gender, changing criminal codes about sex crimes, changing law enforcement policies and procedures in prosecuting sex offenders, and emerging legal doctrines about privacy and sexual rights. Prerequisites: CJ-170 OR CJ-390 OR SO-121 OR WS-140.

GS-335. Veils to Vestments Women Ancient Rel. 3.00 Credits.

Veils to Vestments: Women's Leadership in Ancient Religion explores the religious roles and offices taken by women in antiquity using evidence from the Bible and Greco-Roman world. Methodologies for uncovering this evidence and reconstructing women's history will be evaluated. We also consider its implications and applications for the twenty-first century. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism, Interdisciplinary.

GS-337. Non-Western Perspective to Int Relations. 3.00 Credits.

This course will introduce the study of International Relations (IR) from post-colonial and decolonial perspectives. Course readings and discussions will examine biases and limitations of mainstream western-oriented perspectives on the field. While recognizing the varied scope of post-colonial and decolonial literature, course materials will explore "subaltern" frames of reference that cut across North-South divides, debate racialized and genderized assumptions about nationality and culture, and promote "counter-hegemonic" reflection on prevailing concepts, norms and institutions in IR.

GS-340. Feminist Philosophy. 3.00 Credits.

This class will investigate trends in feminist philosophy, with close attention given to the influence of gender considerations on philosophical theory. Topics for discussion include feminist epistemology and political theory, and patriarchy. This class is a Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

GS-342. Philosophy of Race and Gender. 3.00 Credits.

A study of the philosophical theories pertaining to race and gender. Prerequisites: PL-130 OR PL-140.

GS-345. Sociology of Intimacy. 3.00 Credits.

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce. Prerequisites: SO-121 OR UR-151.

GS-350. Human Sexuality in Health Education. 3.00 Credits.

An overview of human sexuality and behavior with special emphasis on health education.

GS-351. Latina/O/X Communities. 3.00 Credits.

An in-depth examination of the social, cultural, economic, historical, and political contexts shaping the experiences of long-established and recent immigrant Latino/a/x and Latin American groups in the United States. The course will examine the formation of communities in different geographical regions, as well as by national, socio-cultural, ethnic, and political affinities. Prerequisites: SO-121 OR UR-151 OR LS-101; Course Type(s): Pluralism.

GS-360. LGBTQ Drama. 3.00 Credits.

This Group 4 course will focus on 20th and 21st Century American drama that deals with the subject of Gay, Lesbian, Bisexual, Transgender and Queer life. Members of the community wrote some pieces others use an LGBTQ character in a unique manner. All of the pieces contend with the history of this minority group in a historical context each piece seeks to decipher the place of minority (and often multi-minority) cultures in America. Prerequisites: EL-123.

GS-368. Health & Inequalities:RaceClass&Gender. 3.00 Credits.

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity, social class and gender from a sociological perspective concentrating on how low socioeconomic status leads to poor health, how racial/gender bias affects medical care and health outcomes, and addresses ideas for reducing health disparities. Prerequisites: SO-121; Course Type(s): Pluralism.

GS-370. Urban Anthropology. 3.00 Credits.

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

GS-380. Spatial Justice Cities and Resistance. 3.00 Credits.

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

GS-384. Cultural Anthropology. 3.00 Credits.

An analysis of the development of anthropology as an offshoot from Sociology; an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures. Prerequisites: SO-121 OR UR-151; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

GS-419. Secret Lives of Ancient Women. 3.00 Credits.

A deep dive into the domestic life, religious identity, works, texts, and visual representations of ancient women.

GS-428. Literature/Culture/Soc Issues/W Africa. 3.00 Credits.

A study of seminal texts representing the Malinke, Igbo, Ghanaian, Wolof, Bambara, and Senegalese peoples of West Africa. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH: Course Type(s): Values.

GS-481. Immigration: Walls Or Welcome?. 3.00 Credits.

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

GS-486. Seminar: Genocide. 3.00 Credits.

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

GS-490. Urban Field Work. 3.00 Credits.

Introductory level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

GS-491. Advanced Urban Field Work. 3.00 Credits.

Advanced level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

GS-492. Urban Internship. 3.00 Credits.

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

GS-493. Advanced Urban Internship. 3.00 Credits.

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

GS-495. Internshp in Intern'l Settings. 3.00 Credits.

Planned and supervised off-campus working experiences overseas or with international organizations integrated with independent academic study under the tutelage of the Director of International and intercultural Studies.

HE Courses**HE-122. Nutrition in Health and Disease. 3.00 Credits.**

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being.

HE-150. Physiology of Exercise and Healthy Aging. 3.00 Credits.

The investigation of the physiological age-related changes that occur in the later stages of life with a special emphasis on the necessary adaptations to exercise and nutrition.

HE-200. Compl Thrpy Health Wellness Cognition. 3.00 Credits.

The course will cover the depth and breadth of research-supported information on optimizing health, well-being, cognition and quality of life through complementary therapies. We will cover the implementation of these complementary therapies in the business environment, education environment, mental health environment, and through the exercise science platform. Some of the modalities covered and practiced in this course include meditation, yoga, Tai Chi, mindfulness based stress reduction, stress management coping strategies, and age-related coping strategies for a lifetime.

HE-271. Concepts of Public Health. 3.00 Credits.

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

HE-295. Credited Internships. 3.00 Credits.

Co-operative education experience. Course Type(s): Independent Study.

HE-301. Technology in Health and Fitness. 3.00 Credits.

This class is a comprehensive introduction to technology in the physical education classroom, and health and fitness and sport-oriented facilities. It explores developmentally appropriate usage of educational technology in the home, school, and workplace as it relates to the development and maintenance of optimal health and fitness. Emphasis is on computer and Internet technologies. The course includes hands-on computer techniques, critical analysis of National Technology Standards, practical experience with curriculum design, and technology-driven exercise prescription.

HE-350. Human Sexuality in Health Education. 3.00 Credits.

An overview of human sexuality and behavior with special emphasis on health education.

HE-486. Current Issues in Health Education. 3.00 Credits.

To study relevant current health issues such as obesity, unhealthy dietary problems, apnea, tobacco use, alcohol, drugs, heart disease and cancer.

HE-498. Internship in HEPE. 3.00 Credits.

Field work experience in the areas of Sports Management and/or Health and Physical Education. Course Type(s): Senior Seminar.

HE-499. Internship. 3.00 Credits.

Field work experience in the areas of Sports Management and/or Health & Physical Education. Course Type(s): Senior Seminar.

HL Courses**HL-180. Foundations of Health Science. 3.00 Credits.**

An introductory course to the health sciences, will explore the perspectives of diverse but interrelated health professions of public health, individual health, and healthcare delivery. The course will address health maintenance, employability skills, teamwork, and safety practices to ensure effective patient-centered outcomes between healthcare professionals, patients and caregivers. Students will learn the technical skills for measuring and recording vital signs, including CPR and OSHA certification. Prerequisites: BI-171 MINIMUM GRADE C.

HL-200. Compl Thrpy Health Wellness Cognition. 3.00 Credits.

The course will cover the depth and breadth of research-supported information on optimizing health, well-being, cognition and quality of life through complementary therapies. We will cover the implementation of these complementary therapies in the business environment, education environment, mental health environment, and through the exercise science platform. Some of the modalities covered and practiced in this course include meditation, yoga, Tai Chi, mindfulness based stress reduction, stress management coping strategies, and age-related coping strategies for a lifetime.

HL-220. Concepts of Human Health & Disease. 3.00 Credits.

A survey of the mechanisms of disease, their expression in major organ systems, the factors that cause disruption of healthy body functions, leading to disease, and disease prevention. The goal is to use scientific reasoning to make informed decisions about matters related to human biology and health. Prerequisites: BI-171 AND BI-172 MINIMUM GRADE C.

HL-295. Credited Internships. 3.00 Credits.**HL-320. Healthcare Leadership & Communication. 3.00 Credits.**

An introduction to healthcare management, including concepts, theories, and applications of strategic leadership and management practices for increasing the effectiveness of healthcare organizations and overall patient outcomes. Focus also on communication skills to deliver health information to a wide range of audiences such as patients, families, caregivers, healthcare providers, and communities, through interpersonal and organizational channels. Prerequisites: HM-210 MINIMUM GRADE C.

HL-485. Curr. Iss. & Trends: Interprof Hlth. Sci. 4.00 Credits.

Research based Capstone course for the health science major; Students will analyze and evaluate professional/scientific literature and materials regarding public health challenges to support decision making related to healthcare issues from various viewpoints and strategies. Includes a community service project. Prerequisites: HL-320; MINIMUM GRADE C; Course Type(s): Capstone, Writing Intensive.

HL-495. Internship: Community Health. 3.00 Credits.

Provides students field work emphasizing synthesis of factors affecting healthcare and access to healthcare with community health. Prerequisites: HL-180.

HM Courses**HM-152. Intro to Electronic Medical Records. 3.00 Credits.**

This course prepares students for on-the-job use of Practice Management and Electronic Medical Record software. The security, completeness and accuracy of patient data are critical. The students will have the availability to sit for Electronic Health Records Specialist Certification (CEHRS) exam.

HM-210. Health Care Issues and Organization. 3.00 Credits.

An introduction to current health care issues including telemedicine as well as political and pluralistic factors impacting healthcare are explored. Overview of types of healthcare systems and organizations including non-profit and proprietary institutions is addressed.

HM-225. Intro to Health Info Mgmt. 3.00 Credits.

A study of recordkeeping practices in the hospital and physician's office. Emphasis is placed on hospital and medical staff organization, patient record content, procedures in filing, numbering and retention of patient records, quantitative analysis, release of patient information, forms control and design, indexes and registers, reimbursement, regulatory and accrediting agencies, and alternate health care delivery systems.

HM-235. Medical Billing and Coding. 3.00 Credits.

This industry aligned course covers services and procedure codes according to current CPT/HCPCS coding nomenclature, regulation and compliance, health record documentation, coding and reporting. The course content also aligns with industry certification and the NHA exam for Medical Billing & Coding.

HM-271. Concepts of Public Health. 3.00 Credits.

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

HM-287. Health Informatics. 3.00 Credits.

This course focuses on how health information pros use data and statistics to understand and improve health care delivery in clinical settings. Chapters address basic math and statistics, vital statistics and mortality rates, census and occupancy rates, and other key topics required for CAHIIM competency and certification. Prerequisites: MA-106 OR MA-212.

HM-310. Budgeting & Financing in HC Industry. 3.00 Credits.

Strategic planning, system integration, budgeting and financing, reimbursement systems, managed care, supply chain management and coding are explained. Prerequisites: HM-210.

HM-380. Legal & Ethical Aspects of HC Mgmt. 3.00 Credits.

Exploration of the legal and ethical aspects of healthcare. Ethical decision making and its application to health care issues is stressed. Concepts including healthcare regulatory bodies/accreditation, privacy, medical information management, access to care, contracts as well as malpractice and insurance liability are addressed. Prerequisites: HM-210; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

HM-480. Advanced Concepts in HC Mgmt & Mrktg. 3.00 Credits.

Application of marketing concepts for the healthcare industry, quality control indicators, health system/physician relationships, integrative healthcare, and recruitment and appraisal issues in healthcare organizations are examined. Prerequisites: HM-210 HM-310.

HP Courses**HP-390. Honors Thesis: Methods of Research. 1.00 Credit.**

The Honors Thesis: Methods of Research course prepares the student for undertaking the senior thesis project. This course is to be taken in the second semester of the student's junior year. During this part of the project the student will formulate a thesis proposal and engage in research under the direction of a faculty mentor. Both Hp390 and then Hp492 are intended to facilitate the student's timely completion of the thesis project. Course Type(s): Honors.

HP-492. Honors Thesis: Independent Study. 3.00 Credits.

An intensive original research project under the direction of an academic mentor and culminating in a formal paper. The written thesis must be completed no later than the Fall semester of Senior year. The project is to be followed by an oral defense in the Spring semester. Both Hp390 and Hp492 are intended to facilitate the student's timely completion of the thesis project. Hp492 and its oral defense is required of all students who wish to graduate in the Honors Program. Course Type(s): Honors , Writing Intensive, Independent Study.

HS Courses**HS-121. The Western Tradition. 3.00 Credits.**

An examination of the origins of early modern history with a special focus on Western civilization. Course Type(s): Addl Humanities.

HS-124. History of Ancient Science. 3.00 Credits.

This course explores both the theory and practice of the sciences of the ancient western world, and how they developed into today's sciences. Course Type(s): Arts/Language, Addl Humanities.

HS-125. Pagans Christians and the Roman Empire. 3.00 Credits.

This course explores the history of the early Christian church in the context of the Roman Empire. Course Type(s): Arts/Language, Addl Humanities, Oral Communications.

HS-200. World Perspectives. 3.00 Credits.

A chronological continuation of HS-121 with a greater emphasis on global developments. Course Type(s): Arts/Language, Addl Humanities.

HS-201. History of National Liberation Movements. 3.00 Credits.

Students in this course will examine the history of liberation movements from the Age of Revolutions in the 18th century, to the anti-colonialist movements in Africa, Asia, and the Americas. Students will explore the ways in which historical actors used Enlightenment ideals to inform the politics of liberation, and chart the successes, failures and unresolved consequences of those movements. Course Type(s): Arts/Language, Addl Humanities.

HS-202. The Enlightenment and Human Rights. 3.00 Credits.

The class will explore the Enlightenment Era and its making of the modern world (for good and bad): rights, secularism, individualism, and the belief in human progress. Course Type(s): Arts/Language, Addl Humanities.

HS-203. The History of Migrants and Refugees. 3.00 Credits.

This course explores how migration has shaped the modern world. It pays close attention to the experiences of migrants and refugees and the historical dynamics that put people on the move. Course Type(s): Addl Humanities, Interdisciplinary.

HS-204. Found of Lies Race-Racism in Modern Hist. 3.00 Credits.

Racial thinking is a fundamental and dynamic aspect of modernity. While it has no biological basis, race remains a central mode of knowing and shaping the world; privileging the West and Global North, while underdeveloping the East and the Global South. Racial ideas, emerging during the Enlightenment, underlie religious practice, scientific thought, nationalism, and political economy. This course will examine the history of race, the evolution of racial ideas, and the trajectories of institutional racism. Students will also trace antiracist movements and the ways in which women and men affirmed their humanity and contested White Supremacy in its myriad forms including chattel slavery, colonialism, Antisemitism, and racial apartheid. Course Type(s): Addl Humanities.

HS-205. Migration in Modern History. 3.00 Credits.

This course traces various migrations in different parts of the world from the 17th to the 20th centuries. It studies the causes and effects of these migrations, with particular focus on the experience of the migrants. Course Type(s): Addl Humanities.

HS-206. World War II and the Holocaust. 3.00 Credits.

This course studies the rise of imperialism, nationalism, fascism, socialism and communism that led to World War II. It examines how and why the war and Holocaust developed the way that they did. It also explores the human impact of the war and Holocaust as well as their lasting legacies. Course Type(s): Core curriculum course.

HS-290. History for Educators. 3.00 Credits.

This course is designed for students in the School of Education who will be taking the NJ teacher exams. The course introduces students to the key topics in modern global history. Students also work on classroom design and delivery for historical topics that are covered in the course. Course Type(s): Arts/Language, Addl Humanities.

HS-295. Credited Internships. 3.00 Credits.**HS-298. History Travel Course. 3.00 Credits.**

This travel course will begin by preparing students to be both informed, ethical, and responsible world travelers as well as able to actively participate in a trip in learning and teaching about history, culture, religion, literature, and art of different countries. Additional travel course fee of \$50. Course Type(s): International (Travel).

HS-300. History of Ancient Civilizations. 3.00 Credits.

This course traces the rise of ancient civilizations from their earliest roots to the early modern era. It places these civilizations in their global contexts and uses archeology, anthropology, and other methods to compare and study them.

HS-301. Introduction to Archeology. 3.00 Credits.

This course provides an introduction to archeology with its important interdisciplinary perspectives including History, Physical Anthropology, Environmental Studies and Cultural Anthropology.

HS-303. Medieval World 1100-1500 AD. 3.00 Credits.

The rise and decline of feudal society - a political, economic and cultural history. Pre- modern World History.

HS-305. Historical Origins of English. 3.00 Credits.

In this course, students will learn about the historical development of the English language- how a Germanic language once known as Anglo-Saxon became forever transformed during the Middle Ages by an encounter with French, a Romance language with deep Latin and Greek roots. The basis of this course will be etymology, an exploration of the "true sense" (from Greek etymon, meaning "truth") of English words from all fields of study. Students will leave the course with their understanding of the intersection of history, language, and linguistics greatly expanded.

HS-320. History of Twentieth Century Europe. 3.00 Credits.

Europe in the twentieth century was supposed to represent progress and the height of civilization. Two world wars, communism and the Holocaust suggested otherwise. This course explores the sharp contrasts between their ideas of Europe.

HS-322. Rise & Fall of British Empire. 3.00 Credits.

Development and disintegration of British naval and colonial power from the pirates of Elizabeth I to the pilots of Elizabeth II. Modern Western History.

HS-323. History of Russia 1613-1917. 3.00 Credits.

Political, social, and cultural history of Russia from the Time of Troubles to the Bolshevik Revolution. Modern Western History.

HS-324. History of Soviet Union. 3.00 Credits.

Internal change and development of Russia in the Soviet period.

HS-339. History of Germany 1815-1945. 3.00 Credits.

A survey of German history from the Napoleonic Era to the collapse of the Nazi regime. Modern Western History. Course Type(s): Writing Intensive.

HS-341. American Main Currents I. 3.00 Credits.

The formation of the American Republic from colonial times to the present.

HS-342. Main Currents in American History II. 3.00 Credits.

The formation of the American Republic from colonial times to the present.

HS-343. Colonial Experience to 1763. 3.00 Credits.

An investigation of the background and political, social and economic developments of the North American colonies to 1763. United States History. Prerequisites: HS-121 HS-122(9291).

HS-344. Alexander Hamilton's America. 3.00 Credits.

The Room Where it Happens!" "Not Throwing Away My Shot!" -- This course will use the masterpiece Hamilton to explore the genius, power and peril of the social and political experiment that is America. Along with the musical, students will dig deep into primary sources, essays and other readings to illuminate and challenge the musical itself.

HS-345. The Era of the Civil War. 3.00 Credits.

A study of the period 1860-1865 with emphasis on the war itself and events leading to it. How did Americans end up killing one another on such a massive scale? The course will focus on the slavery debate, suffering, death, Lincoln, gender, black families, and the "fog of war."

HS-346. Wounds of War: the Reconstruction Era. 3.00 Credits.

Investigation of the political, economic, and cultural upheavals in the wake of America's most devastating war. Course will emphasize themes of emancipation, free labor, labor unrest (North and South), the "Lost Cause," and the violent struggle to redefine America from 1865 to 1900.

HS-347. American Republic 1919-1945. 3.00 Credits.

The triumphs and travails of urban industrialism, with emphasis on the politics, economics, and social changes of the Depression, the New Deal, and World War II. United States History.

HS-348. American Republic Since 1945. 3.00 Credits.

An analysis of American society and institutions since World War II. United States History.

HS-349. The American City through The Wire. 3.00 Credits.

Very few television shows have captured the realities of the American city and the imaginations of the American public more than the Wire. More than a crime drama, the Wire reminds the viewer that all the pieces matter, as each of the five seasons focuses on a particular facet of the city: the illicit drug trade, working class employment, municipal government and bureaucracy, children and the education system, and the print news media. Using the Wire as the primary text, this course will look at the history of American cities, paying close attention to each season's theme. Course Type(s): Pluralism.

HS-369. Racial Politics and the Cold War. 3.00 Credits.

This course traces the history of the Civil Rights Movement in the context of the global Cold War.

HS-370. History Through Documentary Films. 3.00 Credits.

Students will learn how history is told through the medium of documentary films. Students will also study the techniques and narrative devices that have been used in the making of documentaries.

HS-372. Modern Africa. 3.00 Credits.

This course studies the indigenous and imperial cultures of Africa since 1800 with emphasis on Anglophone and Francophone regions. Course Type(s): Pluralism.

HS-373. History of Lat Amer: Encounter to Present. 3.00 Credits.

This course will explore the social, cultural and political history of Latin America, from the eve of the fifteenth-century "Encounter" to the twentieth-century rise of neoliberalism and its malcontents. Course Type(s): Pluralism.

HS-374. History of Modern Asia. 3.00 Credits.

This class will examine Asian history from 1750-present. Topics such as colonialism, WWII and the rise of Asian countries will be stressed. Course Type(s): Pluralism.

HS-375. The World Wars. 3.00 Credits.

A study of World War I and World War II focusing on their causes and effects, their military and home fronts, and the interrelationships of the two conflicts.

HS-376. Making Documentary Films. 3.00 Credits.

This course will introduce students to the production of historical documentaries. Students will learn to curate a variety of primary and secondary sources into a visual narrative. Students will be introduced to the techniques of directing, producing and filming documentaries.

HS-399. Platt Seminar. 3.00 Credits.

This research seminar, named in honor of Hermann Platt, is designed for new majors and minors to learn the methods and craft of the historian. Course Type(s): Senior Seminar.

HS-401. Women in the Middle Ages and Renaissance. 3.00 Credits.

An exploration of the roles of women in pre-modern times, discussing the theological and social attitudes that often hindered their advancement and the accomplishments they achieved nevertheless in politics, society, and culture.

HS-402. The Islamic World 622-1800. 3.00 Credits.

A survey of the religious, cultural, and political developments of Islam from its inception and diffusion through the Middle East, Asia, and Africa until the rise of western hegemony in the modern period, exploring the struggles and schisms that still affect the world. Values course. Pre-modern World History. Modern Non-Western and Thematic History. Prerequisites: HS-121 HS-122(9291) OR HS-123; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

HS-404. Western Science & Occult. 3.00 Credits.

A look at astrology, alchemy, magic, and witchcraft from the ancient world to the Scientific Revolution, their place in the intellectual life, and how they were affected by new philosophical trends.

HS-405. A History of the Jesuits. 3.00 Credits.

The history of this religious community in the Catholic Church offers the scope for a cross cultural survey of the modern world on all the inhabited continents. Themes like evangelization, popular education, cross-cultural understanding, the scientific revolution, evolving church-state relations, and faith-justice issues run through the course. Modern Non-Western and Thematic History. Prerequisites: HS-121 HS-122(9291); COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

HS-419. Secret Lives of Ancient Women. 3.00 Credits.

A deep dive into the domestic life, religious identity, works, texts, and visual representations of ancient women.

HS-420. Social Documentary Filmmaking. 3.00 Credits.

In this course students will explore the history and methods of social impact documentaries as a tool for education, action and change. Students will also produce a final project, studying filmmaking from concept, to production and post production; culminating in an end-of-the year film festival.

HS-421. Nationalism in Modern Europe. 3.00 Credits.

This course examines the philosophical foundations for the idea of nations from the late 18th century and studies how nations became the basis for states during the 20th century. Course Type(s): Writing Intensive.

HS-425. History of the Holocaust. 3.00 Credits.

This course examines the causes, experiences and aftermath of the Holocaust.

HS-440. Public History Community & Civic Memory. 3.00 Credits.

Statues, art exhibits, and even movies are "sites" of intense debate over authority to define history and collective memory. This course considers the ways in which the general public thinks about history. Looking at museums, historic sites, movies, and documentaries, this course will consider the methods of making historical knowledge more accessible. In the end students will produce a work of public history.

HS-441. Black History and the American Novel. 3.00 Credits.

What is racism? How did African Americans react to and contest racial oppression in the early 20th century? In this course students will find answers to those questions through an examination of Black history from the 1880s to the 1930s. Using Ralph Ellison's *Invisible Man* as a narrative lens, students will imagine the ways in which historical encounters (re)define racial identity by tracing the Black experience through the emergence of the Talented Tenth, the First Great Migration, the Harlem Renaissance, and the Long Civil Rights Movement.

HS-442. The Long Civil Rights Movement in America. 3.00 Credits.

The campaign for civil rights in the broad context of 20th Century social movements, with particular emphasis on the African American struggle and how the work of individuals and organizations impacted American discourses on gender, labor, religion, sexuality and foreign policy. Course Type(s): Pluralism.

HS-443. Religion in the U.S.. 3.00 Credits.

Explores the hothouse of religious experimentation and debate that followed the Revolution and that continues to shape modern America. This course will span from early American Calvinism to antebellum Utopian movements, to the influx of Catholicism and other ethnic religions, to the rise of the Evangelical Right. Grace, Polygamy, Anti-Catholicism, Perfectionism, Creationism, Sin, Slavery, Darwin, Jerry Falwell, Abortion. This class will explore the strange contours of the most "religious" nation in the modern world.

HS-444. History of American Immigration. 3.00 Credits.

Examination of the migration of various peoples to the U.S., and the development of the policy on emigration from the progressive era to the present. United States History.

HS-445. Bldg US Hist: Race Public Hist Memory. 3.00 Credits.

Through visits to historic sites in the South this course interrogates relationships between historical memory and social and political identities in the United States. Additional travel course fee of \$50. Course Type(s): Domestic Travel.

HS-460. Culture of the 70's. 3.00 Credits.

This course offers an interdisciplinary cultural history of the 1970s in the United States. Particular attention will be focused on exploring the major events, trends, and social movements of the period through close analysis of its literature, film, music, television, and visual art. Topics will include the Women's liberation Movement, the Black Power Movement, urban decay and artistic renaissance in 1970s NYC, the birth of neoconservatism, and the politics of disco and the cultural backlash against it.

HS-471. Bearing Witness to War & Genocide. 3.00 Credits.

This course considers the history and interpretation of violence, destruction, ethnic cleansing, genocide and war; what does it mean to bear witness? Course Type(s): Values.

HS-475. The History of Rock to Hip Hop. 3.00 Credits.

The truths of a nation are most often heard in its music. America's musical evolution provides an invaluable gateway into U.S. history, and the ways in which race, class and gender shaped peoples' lives. In this course we will trace the history of American music, from blues and jazz to R&B and rock to hip-hop and soul, through the examination of lyrics, production, the artists and the music they created. Course Type(s): Pluralism.

HS-476. History of the Environment. 3.00 Credits.

This course examines humankind's relationship to the environments-natural and 'man-made'-that we inhabit.

HS-499. The Tuleja Seminar. 3.00 Credits.

Named to honor Professor Emeritus Thaddeus V. Tuleja, the seminar stresses historical methodology as it relates to a particular historical topic chosen by the professor offering the seminar. Course Type(s): Capstone, Writing Intensive, Senior Seminar.

IS Courses**IS-195. Information Technology Fundamentals. 3.00 Credits.**

This course is the first step towards an IT career, and opens a clear pathway to more advanced training steps. At its completion, the student will be able to demonstrate understanding of basic IT concepts, terminology, infrastructure, applications, software, software development concepts, database fundamentals, security, hardware, equipment and tools. At the same time, this course prepares the student for the IT Fundamentals + Certification Exam offered by CompTIA.

IS-235. Visual Basic. 3.00 Credits.

The design and construction of Windows-based applications using the Visual BASIC programming language. Design of GUI screens, writing code modules, drag and drop techniques, planning menus and dialogs. Prerequisites: CS-180 OR IS-180.

IS-295. Credited Internships. 3.00 Credits.**IS-377. Linux. 3.00 Credits.**

Installation, configuration, and administration of the Linux operating system and related programs. File, user account, process management, Shell (bash) and Perl programming will be studied.

IS-380. Database and Data Administration. 3.00 Credits.

This course teaches students how database systems are used and managed, and the issues associated with protecting associated data assets. In addition, it will teach the methods to protect the confidentiality, integrity, and availability of data throughout the data life cycle. Topics include: relational databases, no-SQL databases, object based vs. object oriented, big data, Hadoop / Mongo DB / HBASE, data policies/quality/ ownership/warehousing, long term archival, data validation, data security (access control, encryption), database vulnerabilities, database topics/issues (indexing, inference, aggregation, polyinstantiation), hashing and encryption, database access controls (DAC, MAC, RBAC, Clark-Wilson), information flow between databases/servers and applications, database security models, security issues of inference and aggregation, and common DBMS vulnerabilities. Prerequisites: CS/IS-180 OR CS-190.

IS-381. Cyber Security Planning and Risk Mgmt. 3.00 Credits.

This course provides students with the ability to develop plans and processes for a holistic approach to cyber security for an organization. Topics include CBK, operational, tactical, strategic plans and management, security architecture, policies, standards, procedures, business continuity/disaster recovery, C-level functions, making cyber security a strategy (part of core organizational strategy), and change control. Prerequisites: CS-180 OR IS-180.

IS-410. Total Business Info Systems. 3.00 Credits.

In-depth analysis of business applications including enterprise resource planning and electronic commerce. Basic and advanced applications with emphasis on enterprise database management systems. Prerequisites: CS-231 OR IS-380.

IS-425. Disaster Recovery/Business Continuity. 3.00 Credits.

In this course, students will learn to identify vulnerabilities and implement appropriate countermeasures to mitigate risks. Techniques will be taught for creating a continuity plan and methodology for building an infrastructure that supports its effective implementation. Throughout this course, practical skills will be acquired through a series of interactive workshops and case studies. Students design and develop a disaster recovery plan. Prerequisites: IS-380 OR IS-381.

IS-451. Adv Web Page Development. 3.00 Credits.

Students will learn how to combine HTML, CSS and JavaScript to create dynamic and interactive Web Pages (DHTML). Students will design and implement Web Server applications in Perl/CGI, PHP, VBScript/ASP, Python, and XHTML. Prerequisites: CS-180 OR IS-251.

IS-490. Indep Study in Information Science. 3.00 Credits.

Under faculty supervision, independent study and research topics not covered in courses offered.

IT Courses**IT-113. Elementary Italian I. 3.00 Credits.**

An introduction to spoken and written Italian stressing grammar and pronunciation. Course Type(s): Arts/Language, Addl Humanities.

IT-114. Elementary Italian II. 3.00 Credits.

An introduction to spoken and written Italian stressing grammar and pronunciation. Prerequisites: IT-113 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

IT-134. Intermediate Italian II. 3.00 Credits.

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of Italian through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: IT-133; Course Type(s): Arts/Language, Addl Humanities.

IT-265. Cinema Italiano I. 3.00 Credits.

History of Italian film from the beginning to the present including writers, directors, technology and propaganda used. Course Type(s): Arts/Language, Addl Humanities.

IT-266. Cinema Italiano II. 3.00 Credits.

History of Italian film from the beginning to the present, including writers, directors, technology and propaganda used. Course Type(s): Arts/Language, Addl Humanities.

IT-271. Italian Language Through Cuisine. 3.00 Credits.

Study of the Italian language through Italian food culture, in its historical and cultural development through the ages. Course Type(s): Arts/Language, Addl Humanities.

IT-325. Marco Polo & the Silk Road. 3.00 Credits.

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia. This course may be taken EITHER for Core Modern Language OR for Pluralism, but NOT FOR BOTH. Course Type(s): Pluralism.

IT-350. History and Culture of Italy. 3.00 Credits.

This course will examine the long and rich history and culture of Italy as seen through its language, literature, art, customs, music and film. Course Type(s): Arts/Language, Addl Humanities.

IT-360. History and Culture of the Philippines. 3.00 Credits.

A survey of Filipino history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film, and food. Course Type(s): Pluralism.

IT-366. Machiavelli and The Prince. 3.00 Credits.

Study of the life, times, and thought of Machiavelli as expressed in his groundbreaking work, The Prince.

IT-398. Propaganda: A Tale of Two Romes. 3.00 Credits.

Study of the role of propaganda in Ancient and Modern Rome, plus in the Italian language. Additional course fee of \$50. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): International (Travel), Pluralism, Values.

JN Courses

JN-205. News Writing and Reporting. 3.00 Credits.

An introduction to journalism, including a survey of print media, and practice in interviewing, reporting, and writing hard news and news feature stories. Prerequisites: CM-115 CM-117 OR CM-120; Course Type(s): Writing Intensive.

JN-208. Broadcast Newsroom. 3.00 Credits.

A course on the practical skills of broadcast TV. Students will be introduced to TV news writing and productivity. They will learn to shoot and edit news stories for broadcast. Prerequisites: CM-115 CM-117 OR CM-120.

JN-210. Writing Workshop. 3.00 Credits.

Learn to write with more style in this course that reviews and builds upon the basic rules of grammar. Intended for students who have completed composition requirements and wish to become better communicators. Also intended to assist students who may enter areas of media requiring strong verbal skills and editing abilities. Prerequisites: CM-115 OR CM-120 REQUIRED FOR COMMUNICATION MAJORS WHO SCORE LESS THAN A B IN COMPOSITION.

JN-260. Radio Station I. 3.00 Credits.

A course in the practical skills of radio broadcasting. It teaches the basics of using equipment to produce, edit and broadcast a radio program. Productions students create will be part of the new campus radio station's programming. Prerequisites: CM-115 CM-117 OR CM-120.

JN-261. Podcasting. 3.00 Credits.

Students will produce a podcast in this course, from ideation to final production.

JN-295. Credited Internships. 3.00 Credits.

JN-304. Principle of Media Law & Ethics. 3.00 Credits.

An overview of laws governing writing and reporting, from first amendment to libel, roles of journalists in criminal cases and the relationship between the press and government. Looks at where the law stops and ethical obligations begin. Prerequisites: CU-205 CM-115 CM-117 OR CM-120.

JN-310. News Writing II. 3.00 Credits.

Students build on expertise acquired in CU/JN-205, developing skills further in news gathering, writing, editing and interviewing. They will generate stories and complete assignments on deadline. Topics include: beat and specialized reporting, headline and feature writing and writing for print vs. broadcast vs. digital. Prerequisites: CU-205 OR JN-205.

JN-313. The News Lab. 3.00 Credits.

Students will report, write, photograph and produce the student newspaper of Saint Peter's University, the Saint Peter's Tribune. Students will learn copyediting and design skills as well as produce multimedia for the online edition.

JN-340. Sportswriting. 3.00 Credits.

A study of the growth of this area of specialized journalism, including interviewing, reporting, and writing assignments for a variety of sports. Prerequisites: CM-115 CM-117 OR CM-120 CU-205 OR JN-205.

JN-341. Art & Entertainment Journalism. 3.00 Credits.

An overview of an area of specialized journalism: Arts and Entertainment. A look at the history and current issues in the arts, from early 20th century tabloids to today's bloggers, copyright concerns and arts in the community. Prerequisites: CM-115 CM-117 OR CM-120 CU-205 OR JN-205.

JN-355. Video Storytelling. 3.00 Credits.

This course is designed to introduce video storytelling, shooting and editing techniques for multi-platform environments in journalism, public relations, advertising and marketing. The course will teach students to recognize and understand the technical and aesthetic aspects of visual storytelling, and how to produce narratives using a combination of still images, video, ambient sound, interviews and graphics. Prerequisites: CM-115 CM-117 OR CM-120.

JN-385. Digital Storytelling and Social Media. 3.00 Credits.

Students will learn the fundamentals of digital journalism. Emphasizes hands-on instruction in multimedia skills. Topics include blogging, newsletters, photography, video and audio production, use of social media as a reporting tool, along with data visualization and graphics. Guest speakers and discussion on the future of news will also be part of the course. Requires students to produce a final project that consists of storytelling across a range of platforms-for example, a written article, a photo and audio story, and a video. Prerequisites: CM-102.

JN-410. Investigative Journalism & Advanced Feat. 3.00 Credits.

The practical application of investigative and public affairs reporting skills. Students will complete a major investigative news piece and gather information from public records and interview sources. Prerequisites: CU-205 OR JN-205.

JN-419. Magazine Writing. 3.00 Credits.

Methods of writing and selling articles for print and web magazines from brief profiles and how-to pieces to long narrative articles. An introduction to query writing. Prerequisites: CM-115 CM-117 OR CM-120, CU-205 OR JN-205.

JN-420. Social Impact Documentary History & Prod. 3.00 Credits.

In this course students will explore the history and methods of social impact documentaries as a tool for education, action and change. Students will also produce a final project, studying filmmaking from concept, to production and post production; culminating in an end-of-the year film festival. Course Type(s): Interdisciplinary.

JN-489. Globalization and Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

JP Courses**JP-130. Elementary Japanese I. 3.00 Credits.**

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media. Course Type(s): Arts/Language, Addl Humanities.

JP-131. Elementary Japanese II. 3.00 Credits.

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media. Prerequisites: JP-130 OR AN-130 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

JP-355. Cinema of Japan. 3.00 Credits.

Study of the development of Japanese cinema from origins to the present.

KO Courses**KO-117. Elementary Korean I. 3.00 Credits.**

An introduction to the alphabet, sounds, grammar, and vocabulary of Korean, as well as to the life and culture of the Korean people.

LA Courses**LA-113. Elementary Latin I. 3.00 Credits.**

An introduction to the basic grammatical structures of Latin presented through exercises and brief literary selections. Course Type(s): Arts/Language, Addl Humanities.

LA-114. Elementary Latin II. 3.00 Credits.

An introduction to the basic grammatical structures of Latin presented through exercises and brief literary selections. Prerequisites: LA-113 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

LS Courses**LS-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

LS-117. Span Hlth Care Professions I. 3.00 Credits.

Grammar and vocabulary taught through dialogues and situations related to the healthcare professions.

LS-118. Span Hlth Care Professions II. 3.00 Credits.

Further practice in grammar and vocabulary related to the healthcare professions. Prerequisites: SP-117.

LS-119. Spanish for Business & Finance I. 3.00 Credits.

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage.

LS-120. Spanish for Business & Finance II. 3.00 Credits.

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage. Prerequisites: LS-119.

LS-140. Introduction to Women's Studies. 3.00 Credits.

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships.

LS-177. Introduction to Africana Studies. 3.00 Credits.

This course offers an introduction to the field of Africana Studies. It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic, music, poetry and social movements.

LS-195. Spanish: Social Services I. 3.00 Credits.

Serves social workers, police officers, medical professionals, and those in related fields. Basic grammar structures and specialized vocabulary; writing exercises, conversation, and role play. Fulfills core language requirement.

LS-196. Spanish: Social Services II. 3.00 Credits.

Serves social workers, police officers, medical professionals, and those in related fields. Basic grammar structures and specialized vocabulary writing exercises, conversation, and role play. Fulfills core language requirement. Prerequisites: SP-195.

LS-198. Introduction to Hispanic Literature I. 3.00 Credits.

A basic introduction to the principal literary genres through readings in Spanish. 1-2 years high school Spanish.

LS-199. Introduction to Hispanic Literature II. 3.00 Credits.

A continued introduction to the principal literary genres through readings in Spanish. Prerequisites: SP-198.

LS-206. Poetry. 3.00 Credits.

This introductory literature course is designed to help students develop the skills necessary to understand and enjoy poetry. The class will explore the diversity and range of poetry, emphasizing the analysis of short lyric poems, and selected examples of verse drama, verse essay, and narrative poems. Prerequisites: CM-115, CM-116 OR CM-120.

LS-244. Hispanic-American Lit. I. 3.00 Credits.

Origins and evolution of writings from Columbus to Vargas Llosa and his contemporaries. Required for Spanish majors and minors. Taught in Spanish. Prerequisites: SP-134 SP-136 SP-199.

LS-245. Survey of Hispanic American Literature I. 3.00 Credits.

Development of Hispanic-American literature from its origins through the 18th century. Prerequisites: 2-3 YRS. H.S. SPANISH OR SP-134 OR SP-136 OR INSTRUCTOR PERMISSION.

LS-246. Hispanic-American Lit. II. 3.00 Credits.

Development of Hispanic-American literature from the 19th century to the present. Prerequisites: SP-245 OR INSTRUCTOR APPROVAL, OR 3-4 YEARS H.S. SPANISH.

LS-249. Cultural Geography of Hispanic America. 3.00 Credits.

A study, through readings and video, of the history, culture, and societal aspects of the Spanish-speaking countries of Latin America. Taught in English. Course Type(s): Pluralism.

LS-250. Spanish Conversation I. 3.00 Credits.

Intensive practice in Spanish conversation through discussion of interesting topics, as well as review of critical grammatical structures and vocabulary to facilitate effective expression.

LS-251. Spanish Conversation II. 3.00 Credits.

SP-250;

LS-254. Sociology of Migration and Immigration. 3.00 Credits.

Immigration in history; patterns of movement; immigration and refugees; adjustment and resettlement; immigration law. The needs of immigrants; housing, employment education, medical care. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

LS-260. Sabores Y Saberes Exploring Latin Cuisine. 3.00 Credits.

This course explores the cultural and community knowledges (saberese) of Latinx communities through a hands on study of their flavors and cuisine (sabores). We will examine the role of food, its preparation, rituals, histories and consumption, in place-making, identity and community building. This course will involve some travel to restaurants. Prerequisites: LS-101 OR SO-121 OR UR-151.

LS-265. Social Justice in Latin American Film. 3.00 Credits.

Analysis of film, viewed politically and socially, as a mediator of the dynamics of tradition and change in Latin America. Prerequisites: LS-101 OR INSTRUCTOR APPROVAL; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

LS-275. Pre-Columbian Civilizations. 3.00 Credits.

This course will examine the cultures, including their rises and falls, of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives. Inca, Myan, Aztec, and Others. Prerequisites: SO-121.

LS-276. Comparative Social Movements. 3.00 Credits.

From Hong Kong to Chile, Wall Street to Plaza de Mayo, the last few years have demonstrated that the politics of protest and collective mobilization play an ever more relevant part in the contemporary dynamics of political resistance and social change. Through the comparative study of social movements around the globe, this course provides an overview of theoretical approaches and transdisciplinary insights into the study of collective action. Class discussions will go beyond stigmatized connections between social action and social unrest to explore topics such as performance and everyday resistance strategies, power and identity relations and other factors that allow for a critical perspective on the field.

LS-292. Translation. 3.00 Credits.

Practice in technical, commercial, scientific translation, legal documents and business correspondence, Spanish English, English- Spanish. Taught in Spanish. Prerequisites: SP-134 SP-136 OR SP-199 OR 3-4 YEARS H.S. SPANISH.

LS-295. Credited Internships. 3.00 Credits.**LS-301. Latinx Philosophy. 3.00 Credits.**

This course aims to offer an overview of Latinx Philosophy. In light of this, we will be concerned throughout the course with discussing a number of central questions regarding the nature, the history and the scope of Latin American Philosophy as well as some of the central issues, values, and problems addressed by Latin American philosophers. In particular, we will address during the course the following questions: What is Latin American philosophy? Can Pre-Columbian ways of thinking be categorized as philosophy? Is Post-Columbian Latinx Philosophy just an off-shoot or reflection of Western Philosophy or is it an original form of thinking? Can we meaningfully talk of Latinx Philosophy given the huge ethnic and national diversity as well the widespread social and economic disparities that Latin America exhibits? How have events such as the Spanish Conquest or the Independence wars influenced philosophical thinking in Latin America? What views do Latinx philosophers have on feminism and women's rights? Is there such a thing as a Latinx identity? What role should philosophy have according to Latinx philosophers in the struggles for liberation? Prerequisites: PL-130; Course Type(s): Pluralism.

LS-310. Feminist Political Theory. 3.00 Credits.

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism, Marxist feminism, radical feminism, and post-modern feminism. Course Type(s): Pluralism.

LS-311. Introduction to Latin American Film. 3.00 Credits.

A cultural history of Latin America in the twentieth and twenty-first centuries through the study of its cinema. Ability to understand Spanish is recommended Course Type(s): Core curriculum course.

LS-335. Latino Marketing Communication Culture. 3.00 Credits.

An in-depth, critical examination of marketing and communication strategies in the Latino community. The course invites students to explore what the terms Latino and Latino culture mean, question their saliency, and to weight the implications that marketing and communication campaigns can have on consumption patterns, entrepreneurship, organizations, and Latino identity. Prerequisites: BA-155 OR LS-101 OR SO-121 OR EC-101; OR PERMISSION OF INSTRUCTOR. Course Type(s): Pluralism.

LS-337. Non-Western Perspective to Int Relations. 3.00 Credits.

This course will introduce the study of International Relations (IR) from post-colonial and decolonial perspectives. Course readings and discussions will examine biases and limitations of mainstream western-oriented perspectives on the field. While recognizing the varied scope of post-colonial and decolonial literature, course materials will explore "subaltern" frames of reference that cut across North-South divides, debate racialized and genderized assumptions about nationality and culture, and promote "counter-hegemonic" reflection on prevailing concepts, norms and institutions in IR.

LS-351. Latina/O/X Communities. 3.00 Credits.

An in-depth examination of the social, cultural, economic, historical, and political contexts shaping the experiences of long-established and recent immigrant Latino/a/x and Latin American groups in the United States. The course will examine the formation of communities in different geographical regions, as well as by national, socio-cultural, ethnic, and political affinities. Prerequisites: SO-121 OR UR-151 OR LS-101; Course Type(s): Pluralism, Interdisciplinary.

LS-354. Minority Group Relations. 3.00 Credits.

A study of the history, conditions, and contributions of racial minority groups within the United States. Special emphasis on developments involving African Americans, Hispanics, and Asian Americans.

LS-359. Seminar: Literature of the Boom II. 3.00 Credits.

Continued analysis of the representative texts of the explosion of Hispanic-American literary production onto the world market, in their literary, historical, and cultural contexts. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

LS-368. Health & Inequalities:RaceClass&Gender. 3.00 Credits.

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity, social class and gender. We begin with an overview of epidemiology and the idea of studying health from a sociological perspective. We then consider the complex relationship between socio-economic status (class) and health statuses, followed by an examination of specific health issues for major racial/ethnic minorities and gender groups. We will try to understand how low socioeconomic status leads to poor health, how conscious, unconscious, and institutionalized racial/gender bias affects medical care and health outcomes, and address ideas for reducing health disparities among all groups. Prerequisites: SO-121 Course Type(s): Pluralism.

LS-370. Urban Anthropology. 3.00 Credits.

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: LS-101 SO-121 OR UR-151.

LS-380. Spatial Justice Cities and Resistance. 3.00 Credits.

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

LS-384. Cultural Anthropology. 3.00 Credits.

An analysis of the development of anthropology as an offshoot from Sociology; an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures. Prerequisites: SO-121 OR UR-151; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

LS-392. Caribbean Literature. 3.00 Credits.

This course will explore aspects of Caribbean literature in Spanish from Puerto Rico, Cuba, and the Dominican Republic. Readings will include essays, short stories, poems, and novels from the Encounter to the present. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

LS-412. Ethnicity and Race in Urban History. 3.00 Credits.

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR LS-101, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

LS-452. Economic Development. 3.00 Credits.

Measurement and income distribution - obstacles, constraints, factors, and theories of economic development. Aid, planning, and actual experiences. New consideration to the development process. Prerequisites: EC-101, EC-102.

LS-454. Political Economy of Latin America. 3.00 Credits.

This course gives students an introduction to the political economic and socio-economic events of Latin America throughout its independence. Prerequisites: EC-101.

LS-481. Immigration: Walls Or Welcome?. 3.00 Credits.

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

LS-489. Globalization and Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Prerequisites: SO-121 UR-151 PO-150 OR LS-101; Course Type(s): International (Travel), Pluralism.

LS-490. Seminar Don Quijote. 3.00 Credits.

Readings, research, and critical analysis of the Cervantes novel in its socio-historical context. Taught in Spanish. Prerequisites: SP-134 SP-136 OR SP-199.

LS-493. Hispanic Heritage & Identity. 3.00 Credits.

This course will consider the heritage and identity of Hispanics in the U.S. today. By examining texts in English and Spanish, students will develop a sense of how U.S. Hispanics express their identity through literature. Taught in Spanish. Prerequisites: SP-134 SP-136 OR SP-199.

LS-497. Advanced Urban Internship. 3.00 Credits.

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: SO-121 OR UR-151.

LW Courses**LW-155. Seminar in Contemporary Legal Issues. 3.00 Credits.**

A course open to all students examining current legal issues in a seminar setting. This course will acquaint students with the issues that are at the forefront of the legal environment such as physician assisted suicide, legal issues relating to the world-wide web, capital punishment, drug laws and their enforcement, abortion and the law, affirmative action and race-conscious preferences, and sex offender notification laws. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Senior Seminar, Writing Intensive.

LW-156. Legal Aspects of Health Care. 3.00 Credits.

Analysis of the legal aspects of health care, including general contracts, confidentiality of records, insurance liability, and malpractice.

LW-495. Mindfulness/Meditative Practice/ Success. 3.00 Credits.

This class will teach students the history and application of mindfulness and meditation as practiced around the world. Students will learn how the practice of mindfulness and meditation can help develop the skills necessary for success in their future as business professionals, lawyers, and leaders generally. Mindfulness directs a person's thoughts to the present which enhances one's ability to focus thought and concentration as well as to respond most appropriately and ethically to others, to cross cultural barriers and maintain deeper empathy for all. Meditation practice enhances students' abilities to become more consciously aware, feel gratitude, and in turn to have respect, kindness, and consideration for others. We will explore these concepts as celebrated in different cultures and how application of both will propel students to their greatest potential. Course Type(s): International (Travel).

MA Courses**MA-100. Fundamentals of College Algebra. 3.00 Credits.**

Brief review of real numbers and variable expressions; solving equations and inequalities; linear functions; polynomials; factoring; rational expressions; rational exponents and radicals.

MA-101. Precalculus. 3.00 Credits.

Brief review of basic algebraic concepts; functions (general concepts, linear, quadratic); polynomial and rational functions; exponential and logarithmic functions; summary of trigonometric functions; application problems. Course Type(s): Core curriculum course.

MA-102. Mathematics for the Liberal Arts. 3.00 Credits.

Topics to be chosen from the following: problem solving; logic; consumer mathematics; personal finance; voting and apportionment; mathematics and the arts; mathematics of growth; graph theory; number theory. Additional topics may be covered at the discretion of the instructor. This course will contain an integrated review component. Course Type(s): Core curriculum course.

MA-103. Probability & Statistics for Liberal Art. 3.00 Credits.

Set theory, finite probability, collection of data, graphical displays of data, summary statistics, the normal distribution, linear regression and correlation. Additional topics may be covered at the discretion of the instructor. This course will contain an integrated review component. Course Type(s): Math.

MA-105. Elementary Applied Mathematics. 3.00 Credits.

Introduction to ways in which everyday situations can be modeled and studied mathematically: networks, voting, coding, and finance. Course Type(s): Core curriculum course.

MA-106. Introduction to Probability & Statistics. 3.00 Credits.

Describing data collections using measures (e.g., center and spread) and graphical representations (e.g., histograms and plots), estimating probabilities for discrete and continuous distributions, and making statistical inferences using selected approaches (e.g., confidence intervals, hypothesis testing, linear regression analysis). Course Type(s): Math.

MA-107. Topics in Contemporary Mathematics. 3.00 Credits.

Topics vary by term. Examples may include but are not limited to the following: logic; consumer mathematics; personal finance; voting and apportionment; mathematics and the arts; mathematics of growth; graph theory; number theory; coding theory. Course Type(s): Math.

MA-108. Mathematics for Educators I. 3.00 Credits.

In-depth study of the concepts that underlie the mathematics of the elementary school curriculum in the United States. Topics include set theory, numeration, mathematical thinking, number theory, and the four basic operations of mathematics. This course is intended for individuals who expect to teach in primary school. Course Type(s): Core curriculum course.

MA-109. Mathematics for Educators II. 3.00 Credits.

Topics include the real number system, proportional reasoning, statistics, probability, and measurement systems. This course is intended for individuals who expect to teach in primary school. Course Type(s): Core curriculum course.

MA-123. Elementary Calculus I. 3.00 Credits.

Differential calculus of polynomial and rational functions; applications of calculus to problems in business and economics. Course Type(s): Math, Stem.

MA-124. Elementary Calculus II. 3.00 Credits.

Exponential and logarithmic functions, integral calculus, differential equations; applications to problems in business and economics. Prerequisites: MA-123 OR MA-133; Course Type(s): Math, Stem.

MA-125. Intermediate Calculus. 2.00 Credits.

This course is intended for students (e.g., computer science majors) who have completed 6 credits of calculus and who now wish to take Multivariable Calculus. Prerequisites: MA-124.

MA-132. Statistics for Life Sciences. 3.00 Credits.

Basic methods of data analysis. Topics include displaying data graphically; measures of central tendency and variability; probability concepts; normal, t, chi-square, and F distributions; confidence intervals and estimation; hypothesis testing; regression and correlation analysis; analysis of variance; contingency tables; use of statistical software. Biological applications are emphasized. Course Type(s): Math, Stem.

MA-133. Calculus for the Life Sciences. 4.00 Credits.

Polynomial, rational, and trigonometric functions; limits, continuity, derivatives; graphs, maximum-minimum problems; exponential and logarithmic functions, growth and decay problems integrals, basic integration techniques, applications of the integral. Biological applications are emphasized. Course Type(s): Math, Stem.

MA-143. Differential Calculus. 4.00 Credits.

Limits and continuity; the derivative; chain rule and differentiation of algebraic functions; extrema; applications; the Mean Value Theorem. Course Type(s): Math, Stem.

MA-144. Integral Calculus. 4.00 Credits.

The definite integral and the Fundamental Theorem of the Calculus; applications; transcendental functions; methods of integration. Prerequisites: MA-133 OR MA-143; Course Type(s): Math, Stem.

MA-210. Mathematics for the Health Sciences. 3.00 Credits.

As students in this course master foundational mathematics, they will identify the application of mathematics to various professions in the health sciences and allied fields. The concepts they study include but are not limited to the fundamentals of mathematical computation; metric, household, apothecary and other measurement systems; scientific notation, exponents, and logarithms; ratios, proportions, direct and inverse variations, and percentages; formulas and literal equations; medical dosage calculations; and problem-solving strategies pertinent to applications in the health sciences embedded within real-life scenarios. Course Type(s): Math, Stem.

MA-212. Elementary Statistics. 3.00 Credits.

Descriptive statistics, laws of probability, some standard probability functions, central limit theorem, confidence intervals, hypothesis testing. Course Type(s): Math, Stem.

MA-214. Mathematics of Finance. 3.00 Credits.

Interest, partial payment, ordinary annuities, depreciation, amortization, sinking funds bonds, deferred annuities, perpetuities probability, mortality tables, life annuities, life insurance. Prerequisites: MA-106 OR MA-132 OR MA-212 OR MA-124 OR MA-133 OR MA-144 OR MA-273 OR INSTRUCTOR PERMISSION.

MA-216. Computer Mathematics. 3.00 Credits.

Number systems, internal representation, errors logic, Boolean algebra, circuits algorithms, efficiency counting, probability. Prerequisites: MA-106 OR MA-132 OR MA-212 OR MA-124 OR MA-133 OR MA-144 OR MA-273 AND CS-180.

MA-218. Quantitative Methods for Business. 3.00 Credits.

Students will explore methods to perform quantitative analysis and make decisions within a business context and elsewhere. Selected topics may include mathematical modeling and sensitivity analysis, techniques for decision making with uncertainty or risk, regression and forecasting models, linear and integer programming with applications such as transportation and assignment models, network models, project management, waiting line or queuing theory, and probability theory with Markov analysis. Course Type(s): Math, Stem.

MA-222. Intermediate Statistics. 3.00 Credits.

This course extends the statistical data analysis introduced in MA-212 or MA-132. Students will explore additional topics in parametric and non-parametric methods, including analysis of variance (ANOVA) and multiple regression. Learner will also actively design statistical experiments and interpret data sets. Students will use statistical software and computer programming as tools to assist with data analysis. Prerequisites: MA-212 OR MA-132 OR PERMISSION OF INSTRUCTOR; Course Type(s): Math, Stem.

MA-247. Introductory Linear Algebra. 3.00 Credits.

Matrix calculus, vector spaces, linear independence and bases, linear transformations on vector spaces, eigenvalues and eigenvectors. Prerequisites: MA-123, OR MA-133, OR MA-143 OR PERMISSION OF INSTRUCTOR.

MA-248. Math Tech Lab. 1.00 Credit.

Software for numerical and symbolic computations (such as MatLab and Mathematica), and mathematical typesetting (such as TeX) Prerequisites: MA-144 OR MA-125 ; OR INSTRUCTOR PERMISSION Course Type(s): Lab Courses.

MA-250. Transition to Advanced Mathematics. 3.00 Credits.

Students will learn the language and tools necessary for advanced mathematics, including sets, logic, various types of mathematical proof (direct, contradiction, contrapositive, induction, disproof), functions, and relations, with an emphasis on producing concise and rigorous arguments. Prerequisites: MA-101 OR MA-105 OR MA-106 OR MA-108 OR MA-109 OR MA-123 OR MA-124 OR MA-125 OR MA-132 OR MA-133 OR MA-143 OR MA-144 OR MA-212 OR MA-218 OR MA-222 OR MA-273 OR MA-274.

MA-273. Multivariable Calculus I. 4.00 Credits.

Integration techniques, 2-and-3 dimensional vector geometry; functions of several variables, limits, directional derivatives, partial differentiation, extrema; double and Triple integrals. Prerequisites: MA-144 OR MA-125(12089); Course Type(s): Math, Stem.

MA-274. Multivariable Calculus II. 4.00 Credits.

Limits and L'Hospital's Rule, improper integrals, infinite sequences and series power series, Taylor series, selected topics in multivariable calculus. Prerequisites: MA-273; Course Type(s): Math, Stem.

MA-295. Credited Internships. 3.00 Credits.

Co-operative work experience. Course Type(s): Independent Study.

MA-302. Elem Math Functions for Mid Sc. 3.00 Credits.

Functions and equations, arithmetic and geometric sequences, mathematical methods, linear functions, difference equations, quadratic and cubic functions, exponential and logarithmic functions, domain and range, fitting a line to data and modeling, and associated mathematical processes. Methods for learning and teaching the topics are addressed concurrently with the content.

MA-304. Stats Prob & Discrete Math Middle Schoo. 3.00 Credits.

Topics include collecting, summarizing, and interpreting data, sampling techniques, fundamental concepts of probability, counting techniques, Euler and Hamiltonian circuits, shortest distance algorithms, and associated mathematical processes. Methods for learning and teaching the topics are addressed concurrently with the content.

MA-306. Geometry for Middle School. 3.00 Credits.

Metric and US standard measurement, inductive and deductive reasoning, Euclidean geometry of two and three-dimensional figures including, but not limited to: area, perimeter, volume, surface area, congruency, similarity, rotation and transformation. Coordinate geometry, iteration and fractals, geometry in the world around us, and associated mathematical processes. Methods for learning and teaching the topics are addressed concurrently with the content.

MA-316. Intermediate Discrete Mathematics. 3.00 Credits.

Students will engage with noncontinuous mathematics, the mathematical language of computer science, information theory, etc. Topics may include but are not limited to graph theory, recurrence relations, generating functions, algorithms, partially ordered sets, lattices, and finite geometries. Prerequisites: MA-250.

MA-335. Probability Theory. 3.00 Credits.

Probability spaces, random variables, expectation, variance, standard deviation, binomial, multinomial, and Poisson distributions approximations by the normal distribution, Chebyshev's Inequality. Prerequisites: MA-273.

MA-336. Mathematical Statistics. 3.00 Credits.

Law of large numbers, Central Limit Theorem, estimation of parameters, confidence intervals, test of hypotheses, sampling, regression, analysis of variance. Prerequisites: MA-124 OR MA-144 OR MA-273 TAKING MA-335 AS A PRE-REQUISITE IS RECOMMENDED, THOUGH NOT REQUIRED.

MA-337. Statistical Computing With R. 3.00 Credits.

In this course students explore the fundamental principles of statistical computing in R. Learners will engage in topics such as the fundamentals of R, data types, matrices, data frames, control structures, input/output, libraries (e.g. ggplot2), visualizations, statistical inference, and simulations. Prerequisites: MA-132 OR MA-212 OR MA-222 OR MA-335 OR MA-336 OR PERMISSION OF INSTRUCTOR.

MA-338. Regression Analysis. 3.00 Credits.

In this course, students explore the applications of regression analysis and techniques of model building. Learners will engage in topics such as simple and multiple linear regression models, correlation, estimation and prediction, confidence intervals, residuals, common pitfalls of regression analysis and possible corrections, transformations, interactions, and model building. Statistical software, such as R, will be used. Prerequisites: MA-132 OR MA-212 OR MA-222 OR MA-336 OR EC-300 OR PERMISSION OF INSTRUCTOR.

MA-347. Topics in Linear Algebra. 3.00 Credits.

Students will expand conceptual knowledge developed in MA-247 as they explore intermediate topics in linear algebra spanning from the theoretical to the applied. Possible topics include abstract vector spaces, orthogonal sets, matrix decomposition/factorization, least squares, iterative methods, Vandermonde matrices, and polynomial interpolation and approximation. Prerequisites: MA-247.

MA-350. College Geometry. 3.00 Credits.

Study of Euclidean and other geometries from an axiomatic point of view. Prerequisites: MA-250 OR PERMISSION OF INSTRUCTOR.

MA-375. Advanced Calculus. 3.00 Credits.

Real numbers, sequences, limits of sequences and functions, continuity, differentiation, theory of integration, pointwise and uniform convergence. Prerequisites: MA-274.

MA-377. Ordinary Differential Equation. 3.00 Credits.

Existence and uniqueness of solutions, first and second order equations, systems of linear differential equations, solutions in power series applications. Prerequisites: MA-144 OR PERMISSION OF THE INSTRUCTOR.

MA-379. Differential Equations for Engineers. 4.00 Credits.

This Course is an Expanded Version of MA-377 and includes the following additional topics: The Laplace Transform, Partial Differential Equations and Fourier Series. Prerequisites: MA-144 OR PERMISSION OF THE INSTRUCTOR.

MA-382. Mathematical Modeling. 3.00 Credits.

The nature and philosophy of model building algebraic and analytic models in the social, physical, and life sciences. Prerequisites: MA-273 MA-247 OR MA-250.

MA-385. Topics in Applied Mathematics. 3.00 Credits.

Topics vary by term. Prerequisites: MA-273 MA-247 MA-250 OR WITH INSTRUCTOR'S PERMISSION.

MA-387. Topics in Mathematics. 3.00 Credits.

Topics vary by term. Prerequisites: MA-273 MA-247 OR MA-250.

MA-389. Topics in Statistics. 3.00 Credits.

Topics vary by term. Examples may include but are not limited to the following: Analysis of Variance and Multivariate Statistical Analysis, Non-Parametric or Distribution-Free Inferential Statistics, Regression Analysis, Design of Experiments and Data Interpretation, Bayesian Statistics, and Statistical Programming. Prerequisites: MA-132 OR MA-212 OR MA-222 OR MA-336 OR EC-300 OR PS-200 OR SO-448 OR PERMISSION OF INSTRUCTOR.

MA-399. Independent Study. 3.00 Credits.**MA-400. History of Mathematics. 3.00 Credits.**

Learners will examine various mathematical concepts and constructs, exploring the diverse cultural contexts and historical perspectives that framed them students will solve representative problems that illuminate and illustrate these mathematical discoveries and developments from across the centuries, from antiquity through the modern era. Prerequisites: MA-124 OR MA-144 OR MA-273, AND MA-250 OR MA-247, OR PERMISSION OF INSTRUCTOR.

MA-417. Introduction to Topology. 3.00 Credits.

In this survey course of introductory pure mathematical topics in topology, students will explore the nature of abstract geometric spaces. Learners will generalize the concepts of continuity and connectedness to general spaces, construct new spaces from old ones using the product and quotient topologies, and apply algebraic invariants such as the Euler number and fundamental group to show that two spaces cannot be deformed into one another. Prerequisites: MA-250, MA-124 OR MA-133 OR MA-144 OR MA-273.

MA-441. Modern Algebra. 3.00 Credits.

Introduction to modern algebraic concepts the theory of groups, rings, and fields. Prerequisites: MA-250 AND MA-247 OR PERMISSION OF INSTRUCTOR.

MA-442. Topics in Modern Algebra. 3.00 Credits.

Topics may include but are not limited to the following: group theory, symmetry groups, Sylow theorems, algebraic coding theory, finite field theory, field extensions, Galois theory, and constructible numbers. Prerequisites: MA-441 OR PERMISSION OF INSTRUCTOR.

MA-467. Functions of a Complex Variable. 3.00 Credits.

Complex numbers, analytic functions, elementary functions, mapping of elementary functions, integrals. Prerequisites: MA-274.

MA-481. Numerical Analysis. 3.00 Credits.

Use of the computer to solve numerical problems. Error analysis solutions of equations linear systems interpolation approximation integration. Prerequisites: MA-273 MA-247 CS-180.

MA-490. Senior Seminar in Mathematics. 3.00 Credits.

In this capstone course, graduating senior Mathematics majors will explore areas of mathematics that draw on many of the previous courses, emphasizing the connection between different areas of mathematics. This culminating academic experience for the major will include writing, presentations, and contemporary mathematics research. Prerequisites: MA-441 OR MA-400 OR PERMISSION OF INSTRUCTOR; SENIOR MATHEMATICS MAJORS ONLY. Course Type(s): Capstone, Writing Intensive.

ML Courses**ML-110. American Sign Language I. 3.00 Credits.**

This beginners' course develops expressive and receptive skills, vocabulary knowledge, and sensitivity to deaf culture. The history and social environment of the deaf community will be presented and discussed.

ML-125. Intensive American Sign Language. 6.00 Credits.

Intensive development of expressive and receptive skills, vocabulary, and sensitivity to deaf culture, and study of the history and social environment of the deaf community. Course Type(s): Arts/Language, Addl Humanities.

ML-251. Romance Language Synthesis I. 6.00 Credits.

Comparative, simultaneous study of French, Italian, and Spanish, providing intensive practice in pronunciation, understanding, speaking, reading and writing each language.

ML-258. The Baroque Aesthetic. 3.00 Credits.

Literature from the Age of Versailles, monarchy, and the Counter Reformation. Excerpts from French, Spanish, and Italian literary works of the Baroque. Course Type(s): Arts/Language, Addl Humanities.

NS Courses**NS-295. Credited Internships. 3.00 Credits.****NS-320. Ethics&Responsibility in STEM Disciplin. 3.00 Credits.**

This course is an introduction to the ethical issues faced by researchers in Science, Technology, Engineering, and Mathematics. When faced with monetary, societal, political, environmental, and personal pressures, what choices should a researcher make? In this course we will examine choices made by actual STEM practitioners and consider the ethical issues involved. Ethical issues may include but are not limited to publication standards, intellectual property rights, whistleblowing, conflicts of interest, human and animal subjects, robots, diversity, and societal and environmental impacts. Historical cases may include but are not limited to cold fusion, HIV, the Challenger explosion, the Stanford prison experiment, and the Algebra Project. Prerequisites: 4 GROUPS; # CM-115 CM-117 OR CM-120; # COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; # BI-183 CH-131 PC-185 OR PS-151; # MA-123 MA-133 MA-143 MA-273 CS-180 IS-180 OR CS-231; OR INSTRUCTOR PERMISSION Course Type(s): Values, Writing Intensive.

NS-365. Science Teaching and Communication. 3.00 Credits.

In this course students perform a deep analysis of a socioscientific issue and develop a pedagogical/communication plan that encourages engagement and scaffolds constructive socioscientific reasoning. Course Type(s): Pluralism.

NU Courses**NU-202. Theoretical Bases of Professional Nursing. 3.00 Credits.**

The evolution of professional nursing is explored and the development of professional identity is facilitated by the introduction of values inherent to the discipline of nursing including social justice. Nursing theory, as well as other selected theories and concepts, are examined including: health belief model, teaching/learning theory, culture/global health, evidence-based practice and the nursing process. Additional course fees. Prerequisites: BI-171, BI-172, ADMISSION TO NURSING MAJOR.

NU-202L. Theoretical Bases Prof Nursing Lab. 0.00 Credits.

Lab paired with lecture on: the evolution of professional nursing is explored and the development of professional identity is facilitated by the introduction of values inherent to the discipline of nursing including social justice. Nursing theory, as well as other selected theories and concepts, are examined including: health belief model, teaching/learning theory, culture/global health, evidence-based practice and the nursing process. Prerequisites: BI-171 BI-172 PS-151; Course Type(s): Lab Courses.

NU-204. Nutrition and Health. 3.00 Credits.

This course focuses on the role of nutrition in health and healing. The study of essential nutrients and their function is emphasized. Meeting dietary requirements across the life span is explored. The impact of pluralistic and public health factors on dietary practices is discussed. Additional course fees.

NU-210. Pharmacology for Prof. Nursing Practice. 3.00 Credits.

The focus of this course is on pharmacological therapy, major drug classifications, including prototypes, are addressed for each of the body systems. Nursing implications of safe drug administration as well as the pluralistic factors affecting medication therapy are stressed. Additional course fees. Course Type(s): Senior Seminar.

NU-215. Medical Dosage Calculations. 3.00 Credits.

This course provides an introduction to medical dosing for Registered Nurses. The mathematical calculations that are utilized by Registered Nurses in patient care scenarios will be examined in depth.

NU-250. Clinical Bases of Professional Nursing. 5.00 Credits.

Basic interpersonal and technical nursing skills utilized to provide care for well and ill individuals are introduced. Knowledge and skills required to assess, prioritize, plan, implement and evaluate health care are emphasized. Concepts related to nutrition and medication therapy are applied. Pluralistic as well as legal and ethical issues related to quality care are stressed. College laboratory and clinical experiences in selected health care settings. Additional course fees. Course Type(s): Senior Seminar.

NU-250L. Clinical Bases Lab. 0.00 Credits.

Clinical Bases Lab Prerequisites: NU-250 Course Type(s): Lab Courses.

NU-295. Credited Internships. 3.00 Credits.**NU-302. Seminar in Professional Nursing. 2.00 Credits.**

The course is designed to examine the evolution of professional nursing through a synthesis of the social, cultural, philosophical, historical and theoretical influences. The development of a professional identity is facilitated by encouraging students to derive meaning from the core values central to the nature of nursing. Course Type(s): Senior Seminar.

NU-303. Seminar in APA Writing for Hlth Science. 2.00 Credits.

A course to help the RN-BSN student learn APA writing style required for nursing and other health sciences. Course Type(s): Senior Seminar.

NU-304. Pathophysiology. 3.00 Credits.

This course uses a systems approach to examine the human response patterns to health and illness. Physiological processes and pathological changes are explored in depth. Additional course fees.

NU-308. Health Assessment. 3.00 Credits.

The major focus of this course is on a holistic approach to health appraisal of the individual client. The nursing process, with an emphasis on assessment and planning is analyzed and applied in dealing with individuals in the college laboratory. Concepts related to health promotion, risk identification and client education are stressed. Additional course fees.

NU-308L. Health Assessment Lab. 0.00 Credits.

Health Assessment Lab Prerequisites: NU-308 Course Type(s): Lab Courses.

NU-310. Health Assessment. 4.00 Credits.

Major focus is on a holistic approach to health appraisal of the individual client across the life span. The nursing process, with an emphasis on assessment and planning is analyzed and applied in dealing with individuals in the college laboratory. Concepts related to health promotion, risk identification and client education are stressed. Additional course fee of \$100.

NU-312. Nursing Care for Adults and Aging I. 5.00 Credits.

Application of the nursing process in caring for adults and older clients with chronic health care needs. Normal aging and adaptations in self-care needed as a result of age related changes will be discussed. Pluralistic factors including nutrition and medication therapy are integrated. Legal and ethical issues are applied. College laboratory and clinical experiences in selected health care settings. Additional course fees. Prerequisites: NU-308 AND NU-312L.

NU-312L. Nursing Care Adults & Aging Lab. 0.00 Credits.

Nursing Care Adults & Aging Lab Prerequisites: NU-312 Course Type(s): Lab Courses.

NU-315. Nursing Care for Adults and Aging II. 5.00 Credits.

A continuation of the Nursing Care of Adults and Aging, I, this course builds and expands the knowledge and skill base related to caring for adults and older clients with acute and chronic health needs. Pathologic conditions associated with aging are discussed. Pluralistic factors including nutrition and medication therapy are integrated. Legal and ethical issues are applied. Clinical experiences in selected health care settings. Additional course fees. Prerequisites: NU-312.

NU-315L. Nursing Care for Adults and Aging II Lab. 0.00 Credits.

Laboratory for Nursing Care for Adults and Aging II, NU-315 Clinical experiences in selected health care settings. Prerequisites: NU-315 Course Type(s): Lab Courses.

NU-325. Nursing Care of Child-Bearing Families. 5.00 Credits.

The use of the nursing process to provide care for child-bearing families is examined. Nursing care of clients during pregnancy, childbirth, the postpartum and newborn periods is stressed. Pluralistic factors as well as nutrition and medication therapy are integrated. Strategies to promote health and care for clients with physiological and psychological alterations are discussed. Normal family functioning and the impact of pregnancy on the family is considered. College laboratory and clinical experiences in selected health care settings. Additional course fees. Prerequisites: NU-308 NU-312.

NU-325L. Nursing Care of Child-Bearing Families. 0.00 Credits.

Laboratory for Nursing Care of Child-Bearing Families, NU-325 Clinical experiences in selected health care settings. Prerequisites: NU-325 Course Type(s): Lab Courses.

NU-330. Care of Families & Aggregates. 4.00 Credits.

Major focus is on primary and tertiary prevention within a social systems framework. Creative application of nursing process to families and groups utilizing family systems theory and group dynamics. Additional course fee.

NU-350. Trends and Issues in Nursing. 2.00 Credits.

Current status of professional nursing. Political, economic and social trends affecting nursing and the health care system are analyzed. Issues in professional practice and education are explored. Prerequisites: NU-302.

NU-360. Computer App in Nursing & Health Care. 2.00 Credits.

The application of computer technology to patient care, nursing practice, research, education and management is explored. Health care information management systems are introduced.

NU-390. Intro to Nursing Research. 3.00 Credits.

Understanding of the research process and critique of research studies. The relevance of nursing research findings for the provision of patient care is discussed. Students develop a research paper through an interactive process with faculty and peers. Course Type(s): Senior Seminar.

NU-399. Independent Study. 2.00 Credits.**NU-404. Psychiatric-Mental Health Nursing. 5.00 Credits.**

This course focuses on the use of the nursing process to provide care for individuals, families and aggregates with alterations in mental health. Pluralistic factors as well as medication therapy are integrated. Strategies to promote mental-health are discussed. Nursing care of clients with acute and chronic alterations in psychological functioning are stressed. Clinical experiences are provided in psychiatric-mental health agencies in selected health care and community settings. Additional course fees.

NU-404L. Psychiatric-Mental Health Lab. 0.00 Credits.

Psychiatric-Mental Health Lab Prerequisites: NU-404 Course Type(s): Lab Courses.

NU-414. Nursing Care of Children and Adolescents. 5.00 Credits.

The nursing process is used as a framework to provide care for children and adolescents with physical and psychological alterations in health. Pluralistic factors including nutrition and medication therapy are integrated. Strategies to promote health as well as developmental needs and problems are discussed. Normal family functioning and the impact of illness on the family are explored. College laboratory and clinical experiences in selected health care settings. Additional course fees.

NU-414L. Nursing Care Child & Adlsnt Lab. 0.00 Credits.

Nursing Care Child & Adlsnt Lab Prerequisites: NU-414 Course Type(s): Lab Courses.

NU-416. Social Justice Ethics and Health Care. 3.00 Credits.

Political, economic and social justice issues affecting patient care and the health care system are examined. Accessibility and affordability of health care services including the needs of vulnerable populations are explored. Strategies to promote social justice and ethical behavior within the health care system are stressed. Values course. Prerequisites: NU-390; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

NU-420. Community Health Nursing. 4.00 Credits.

Community health nursing emphasizes community as client. The nursing process is applied in dealing with groups, aggregates and community. Nursing care of individuals in community settings is also examined. Additional course fees. Course Type(s): Capstone, Writing Intensive.

NU-420L. Community Health Nursing Lab. 0.00 Credits.

Community Health Nursing Lab Prerequisites: NU-420 Course Type(s): Lab Courses.

NU-430. Nursing Care of Adults and Aging III. 4.00 Credits.

Culmination of the courses Adults and Aging I and II, this course builds and expands the knowledge and skill base related to caring for adults and older clients with complex acute and chronic conditions and rehabilitative health care needs. High risk populations such as those with multiple illnesses will be address. Pathologic conditions associated with aging are discussed. Pluralistic factors, including nutrition and medication therapy are integrated. An opportunity for students to function with increased independence as well as to organize, delegate, supervise and evaluate care. Clinical experiences in selected health care settings. Additional course fees. Prerequisites: NU-315.

NU-430L. Nurs Care Adults& Aging Lab. 0.00 Credits.

Nurs Care Adults& Aging Lab Prerequisites: NU-430 Course Type(s): Lab Courses.

NU-440. Leadership and Management in Nursing. 4.00 Credits.

The major focus is on leadership and change in nursing practice within the health care delivery system, utilizing the nursing process as a framework. Additional course fee.

NU-445. Leadership and Trends in Nursing. 3.00 Credits.

The major focus in this course is on leadership and change in nursing practice within the health care system. Utilization of the nursing process as a framework for action is stressed. Selected concepts related to management including, types of power, delegation, motivation are discussed. Trends and issues affecting nursing and the health care system are also explored. Prerequisites: NU-315, NU-390, NU-414.

NU-450. Nurse/Client Educator. 2.00 Credits.

A multifaceted approach to client/peer education. Emphasis on teaching/ learning concepts. The role of education as a strategy in health promotion.

NU-452. Women's Health Issues. 3.00 Credits.

Exploration of health issues affecting women from historical, political and pluralistic perspectives. The students' role as health care advocate is stressed.

NU-470. Dimensions of Professional Nursing. 4.00 Credits.

The emphasis of this course is on the professional role of nursing with a focus on leadership and community health practice. The concepts of professionalism, nursing process and pluralism are explained. Leadership theory and the health care system are analyzed. Community health nursing is examined and the principles of health promotion and client education are integrated into the conduction of a community project. Pre-Req: Admission to RN-MSN Program.

NU-495. Special Projects in Nursing Rn-Bsn. 1.00 Credit.

This is a one credit elective in which students may choose a topic of interest and complete a scholarly paper guided by the faculty. Students may choose to expand upon a topic they have already been exposed to or develop a new topic of interest. The student will document progress on the project through weekly submissions corresponding to specific content required for the summative learning outcome of the course, the final scholarly paper.

PC Courses**PC-110. Science Goes to the Movies. 3.00 Credits.**

This course considers the evolution of the science behind the movies - the technical advances that have made modern movie making possible and how the treatment of science, scientific discovery and inventions have evolved particular movie genres. Lectures and movie clips will be used to illustrate the above. Course Type(s): Natural Science, Stem.

PC-130. Technology in the 21st Century. 3.00 Credits.

This course will discuss the history, development and scientific breakthroughs that have led to the amazing devices and technologies available to humans today. Particular attention to the people, time and places involved in the development of inventions like TV, radio, computers, phones, transmission of electric power, movies, and some of the many advances in genetics and medicine. Course Type(s): Natural Science, Stem.

PC-140. How Stuff Works. 3.00 Credits.

This course will illustrate how the many devices we use in everyday life were invented and how they work. Devices like the radio, TV, microwave, smart phones, computers, etc. will be used as examples. Course Type(s): Natural Science, Stem.

PC-150. The Gene - Mystery of Inheritance. 3.00 Credits.

A Historical and Scientific Journey into the Mystery of Inheritance: In the past 150 years, the concept of the Gene - the molecular particle that contains the information of inheritance - has enriched human understanding of genetics. We now have the tools to control some aspects of genetics and even alter our own evolution. This course will explore this scientific journey - using the contributions of the many scientists who have written a story that is changing living history itself. Course Type(s): Natural Science, Stem.

PC-185. General Physics I. 3.00 Credits.

Classical mechanics. Prerequisites: MA-124 MA-144 OR MA-133; Course Type(s): Natural Science, Stem.

PC-186. General Physics II. 3.00 Credits.

Electromagnetism. Optics. Atomic and nuclear physics. Prerequisites: PC-185 MA-124 MA-144 OR MA-133; Course Type(s): Natural Science, Stem.

PC-187. General Physics Laboratory I. 1.00 Credit.

A laboratory course to accompany Pc185. Lab course fee of \$100. Prerequisites: MA-124 MA-144 OR MA-133 Course Type(s): Lab Courses.

PC-188. General Physics Laboratory II. 1.00 Credit.

A laboratory course to accompany Pc186. Lab course fee of \$100. Prerequisites: PC-187 MA-124 MA-144 OR MA-133; Course Type(s): Lab Courses.

PC-190. Applied Electronics. 3.00 Credits.

DC and AC circuits, semiconductor devices, operational amplifiers, digital logic, and digital computer fundamentals. Prerequisites: PC-191.

PC-191. Applied Electronics Laboratory. 1.00 Credit.

A laboratory course to accompany PC190. Lab course fee of \$100. Prerequisites: PC-190.

PC-210. LabVIEW Measurement & Automation. 3.00 Credits.

Introduction to National Instruments LabVIEW program and its interaction with various instruments, measurements and automation.

PC-295. Credited Internships. 3.00 Credits.

Co-operative work experience. Course Type(s): Independent Study.

PC-300. Math Methods in Physics. 3.00 Credits.

This one semester course offers a comprehensive introduction to a variety of mathematical subjects used in the areas of physics with application to specific problems. Topics covered include: Vector and Tensor Analysis, Functions of a complex Variable and Calculus of Residues, Strum-Liouville Theory, Introduction to Special Functions and Fourier Series. Prerequisites: PC-186 MA-144.

PC-331. Electronics. 4.00 Credits.

Circuit principles, diodes and rectifiers, filters transistors as amplifiers and switches, operational amplifiers with applications, oscillators. Lecture and laboratory. Lab course fee of \$100. Prerequisites: PC-185 PC-186 PC-187 PC-188.

PC-331L. Electronics Lab. 0.00 Credits.

Laboratory for PC-331 Electronics. Prerequisites: PC-331; Course Type(s): Lab Courses.

PC-337. Modern Physics. 4.00 Credits.

The special theory of relativity, quantum phenomena, atomic and nuclear structure, molecular spectra, radio activity, fission and fusion, elementary particles. Lecture and Laboratory. Lab course fee of \$100. Prerequisites: PC-186.

PC-337L. Modern Physics Laboratory. 0.00 Credits.

A laboratory course run in conjunction with Pc337. Prerequisites: PC-337 Course Type(s): Lab Courses.

PC-344. Optics. 4.00 Credits.

Geometrical optics, wave nature of light, interference, diffraction, polarization, selected topics in quantum optics. Lecture and laboratory. Lab course fee of \$100. Prerequisites: PC-185 PC-186 OR PC-190.

PC-350. Photonics. 3.00 Credits.

Wave-particle duality of light, fiber optics, interferometers, imaging systems, optical spectroscopy, polarization devices, LEDs and Lasers, optical detectors. Prerequisites: PC-185 PC-188.

PC-355. Thermodynamics & Stat Mechanics. 3.00 Credits.

Heat and heat transfer, thermal behavior of gases, the laws of thermodynamics, entropy and enthalpy, partition functions, and engineering applications. Prerequisites: PC-185 PC-186.

PC-370. Mechanics. 3.00 Credits.

Statics and dynamics of particles and rigid bodies. Theory of small vibrations. Gravitation, moving frames of reference. Relativistic dynamics. Prerequisites: PC-185 PC-186.

PC-374. Electricity and Magnetism I. 3.00 Credits.

Electrostatics in free space and in the presence of dielectrics and conductors. Magnetostatics. Electromagnetic induction. The Maxwell equations. Prerequisites: PC-186.

PC-380. Intro to Quantum Mechanics. 3.00 Credits.

Mathematical foundation of quantum mechanics. Schrodinger's equation with applications. The one-electron atom. Selected topics in atomic and nuclear physics. Prerequisites: PC-186.

PC-390. Independent Study in Physics. 1.00 Credit.

This course provides the opportunity for individual work on an assigned research problem. Prerequisites: PC-185 PC-186 MA-274; Course Type(s): Capstone, Writing Intensive.

PE Courses**PE-103. Prin & Found of Phys Education. 3.00 Credits.**

An examination of the historical and philosophical development of physical education from ancient times to the present. To acquaint the student with physical education as a profession. Course Type(s): Pluralism.

PE-150. Physiology of Exercise and Healthy Aging. 3.00 Credits.

The investigation of the physiological age-related changes that occur in the later stages of life with a special emphasis on the necessary adaptations to exercise and nutrition.

PE-200. Adapt Phys Ed for Special Needs Students. 3.00 Credits.

This course will provide an overview of adaptive physical education including an expanded definition, historical background, classifications and IEP development, assessment practices and teaching and instructional strategies for the special needs students.

PE-202. Fundamentals of Coaching. 3.00 Credits.

An overview of current coaching theory and practice with a special emphasis on the scientific literature depicting best practices and professionalism. In addition, course content will include pedagogy, ethics, the physiological and psychological aspects of athlete development and approaches to teaching technical and tactical skills. This course includes field experience and active learning modules.

PE-240. Teaching of Skills Activities I. 3.00 Credits.

A study of the basic principles, content, organization and curriculum for individual, dual and team activities for elementary school students. Includes methods and teaching strategies, program evaluation and peer teaching. Variable sport activities.

PE-241. Teaching of Skills Activities II. 3.00 Credits.

A study of basic principles, content, organization & curriculum for individual, dual & team activities for middle school and high school students. Includes methods and teaching strategies, program evaluation and peer teaching. Variable sports activities.

PE-250. Sport Communication. 3.00 Credits.

Media and public relations strategies in the sports industry are reviewed. Exposure to the use of web publications/multimedia and development. Prerequisites: SM-228.

PE-255. Fitness and Wellness. 3.00 Credits.

This course helps students adopt and maintain behavior associated with an active and healthy lifestyle. Through lecture and exercise, students will learn behavioral patterns consistent with current knowledge in fitness and wellness. Course Type(s): Interdisciplinary.

PE-295. Credited Internships. 3.00 Credits.

Co-operative education experience. Course Type(s): Independent Study.

PE-301. Technology in Health and Fitness. 3.00 Credits.

This class is a comprehensive introduction to technology in the physical education classroom, and health and fitness and sport-oriented facilities. It explores developmentally appropriate usage of educational technology in the home, school, and workplace as it relates to the development and maintenance of optimal health and fitness. Emphasis is on computer and Internet technologies. The course includes hands-on computer techniques, critical analysis of National Technology Standards, practical experience with curriculum design, and technology-driven exercise prescription.

PE-310. Kinesiology. 3.00 Credits.

Application of facts and principles of anatomy and mechanics to the study of human motion, including the systematic approach to the analysis of motor skill activities.

PE-311. Biomechanics. 3.00 Credits.

The study of the laws of mechanics as they relate to physical movement, skill development, and athletic performance. Special attention is paid to the muscular, joint, and skeletal actions of the body and how they may impact performance.

PE-350. Sport Facility Operation & Event Mgmt. 3.00 Credits.

Planning, Organization and Operation of Sport Facilities and management of events.

PE-352. Exercise Physiology I. 3.00 Credits.

A study of the physiological effects of movement on the human body and the relationship existing among muscular, respiratory, circulatory and nervous systems.

PE-353. Exercise Physiology II. 3.00 Credits.

The continued study of the physiological effects of movement on the human body and the relationships existing among muscular, respiratory, circulatory and nervous systems. Course Type(s): Capstone, Writing Intensive.

PE-360. Sports Medicine. 3.00 Credits.

To teach students the basis of being a certified athletic trainer and includes injury recognition, prevention, evaluation, treatment, rehabilitation and administration of athletic injuries.

PE-410. Legal & Ethical Issues in Sports. 3.00 Credits.

A hybrid values course that includes topics in policy development, labor movement in sports, collective bargaining in sports organizations, ethical dilemmas and implications. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PE-450. The Global Sports Industry. 3.00 Credits.

The history and issues in sports from a global perspective. A pluralistic lens is used to explore the relationship of gender, culture, and social institutions on sports.

PE-498. Internship in HEPE. 3.00 Credits.

Field work experience in the areas of Sports Management and/or Health and Physical Education. Course Type(s): Senior Seminar.

PE-499. Internship. 3.00 Credits.

Field work experience in the areas of Sports Management and/or Health & Physical Education. Course Type(s): Senior Seminar.

PL Courses**PL-130. Introduction to Philosophy. 3.00 Credits.**

This course is an introduction to philosophy. The course will cover major areas of philosophical concern, including an analytical and historical introduction to logic, epistemology, metaphysics, philosophical anthropology, and philosophy of God. Many of the perennial problems of philosophy such as the nature of knowledge and reality, the mind-body problem, free will vs determinism, reason vs faith, as well as an introduction to major philosophers in the tradition, including, but not limited to, Plato, Aristotle, Aquinas, Descartes, and Hume, will be covered.

PL-140. Introduction to Ethics. 3.00 Credits.

This course is an introduction to moral philosophy, including Natural Law ethics, Kantian deontology, Utilitarian consequentialism, virtue-based ethics, and modern rights theory. These normative theories will be applied to select moral issues, which may include sexual morality, abortion, euthanasia, capital punishment, economic justice, discrimination, just war theories, and/or animal rights.

PL-151. Contemporary Ethical Issues. 3.00 Credits.

A philosophical examination of contemporary moral issues, which may include sexual morality, abortion, euthanasia, capital punishment, economic justice, discrimination, just war theories, and/or animal rights. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-153. Logic. 3.00 Credits.

An examination of the basic principles of human reasoning, with emphasis on traditional logic and critical thinking. Prerequisites: PL-130 PL-140.

PL-200. Rhetoric Speech and Argument;Rhetoric Speech and Argument. 3.00 Credits.

This course studies and practices the art and process of persuasion. Students will learn to develop good arguments, identify fallacies, present a position in a convincing manner, and develop ethos or ethical appeal. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Oral Communications.

PL-201. Philosophy of Science. 3.00 Credits.

This course addresses some fundamental questions about the nature and development of scientific knowledge. What is science and does it work? What kind of knowledge does it provide? Is there a scientific method? How do experiments provide evidence for theories? What is the nature of scientific explanation? What does science value, and how should we interpret what it values? How does the social organization of science contribute, if at all, to its success? Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-241. Environmental and Climate Change Ethics. 3.00 Credits.

Basic theories of environmental and climate change ethics and philosophy are examined with contemporary issues and problems involving the environment and climate change. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-247. Philosophy of Law. 3.00 Credits.

A philosophical investigation of both analytic and normative jurisprudence. An examination of the debate between "higher law" theory and legal positivism, the nature of law and morals, theories of rights, constitutionalism, crime and punishment, law and economics. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-252. Justice and Human Rights. 3.00 Credits.

A philosophical investigation of what constitutes a fair distribution of benefits and burdens, rights and duties, within a truly just society. Discussion of historical and contemporary theories of justice and individual rights, including Rawls and Nozick. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-253. Business Ethics. 3.00 Credits.

An examination of contemporary moral issues in business, including the nature of economic justice, the rights and duties of economic agents, and the nature of a just society. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-254. Contemporary Issues in Bioethics. 3.00 Credits.

An examination of contemporary issues in biomedical ethics, including abortion, euthanasia, the doctor-patient relationship, confidentiality, truth-telling, genetics, cloning, reproductive technologies, the just allocation of scarce medical resources. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-256. Food Ethics and Justice. 3.00 Credits.

An examination of the ethical and moral issues pertaining to food production, distribution, consumption, and justice as it relates to the human right to food. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-258. Criminal Justice Ethics. 3.00 Credits.

The course examines the justice system from the ethical point of view: the human treatment of human beings. It is concerned with such matters as police procedures, the conduct of trials, operations of correctional institutions, and how they might justly achieve their ends. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-259. Technology Society and Values. 3.00 Credits.

This course is a study of ethical considerations related to technology and its impact on society. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-301. Latinx Philosophy. 3.00 Credits.

This course aims to offer an overview of Latinx Philosophy. In light of this, we will be concerned throughout the course with discussing a number of central questions regarding the nature, the history and the scope of Latin American Philosophy as well as some of the central issues, values, and problems addressed by Latin American philosophers. In particular, we will address during the course the following questions: What is Latin American philosophy? Can Pre-Columbian ways of thinking be categorized as philosophy? Is Post-Columbian Latinx Philosophy just an off-shoot or reflection of Western Philosophy or is it an original form of thinking? Can we meaningfully talk of Latinx Philosophy given the huge ethnic and national diversity as well the widespread social and economic disparities that Latin America exhibits? How have events such as the Spanish Conquest or the Independence wars influenced philosophical thinking in Latin America? What views do Latinx philosophers have on feminism and women's rights? Is there such a thing as a Latinx identity? What role should philosophy have according to Latinx philosophers in the struggles for liberation? Prerequisites: PL-130 OR PL-140; Course Type(s): Pluralism.

PL-306. Existentialism: Dostoevsky to Sartre. 3.00 Credits.

A study of the philosophy of Existentialism. Existential values as mirrored in selected texts, including Kierkegaard, Nietzsche, Kafka, Jaspers, and Camus. Values course Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-311. Philosophy and Bob Dylan. 3.00 Credits.

An investigation of the philosophical, ethical and cultural themes in Bob Dylan's lyrics. Philosophical ideas such as appearance versus reality, truth and knowledge, and good and evil will be explored through a comprehensive study of Dylan's music. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-320. Asian Philosophy. 3.00 Credits.

An examination of the philosophies of India and China, including a text-based study of the Upanishads, the philosophy of Yoga, Buddhism, Confucianism and Taoism. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

PL-329. Art Music and Human Values. 3.00 Credits.

An exploration of the fundamental topics of aesthetics. Questions to be studied include, What is art? What is beauty? What is the intersection between art and morality. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-342. Philosophy of Race and Gender. 3.00 Credits.

A study of the philosophical theories pertaining to race and gender. Prerequisites: PL-130 OR PL-140.

PL-353. Philosophy of Mind. 3.00 Credits.

This course examines mind and consciousness, with key topics including the mind/brain problem and dualism, AI, intentionality, free will, the soul and its possible immortality, normativity, issues in philosophy of language, and personal identity. The course also covers materialism, behaviorism, identity theory, functionalism, and related areas. Course content focuses on contemporary and 20th century positions, applications, and issues in philosophy of mind. It also treats the connections that relate contemporary philosophy of mind to other fields. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-360. Ethics of War and Peace. 3.00 Credits.

This course will examine the ethics of waging war and peace - building from a variety of religious and philosophical perspectives. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-390. Special Projects Philosophy. 3.00 Credits.

Able students and willing teachers may design special courses or other projects for credit in philosophy. Proposals are to be submitted, for review, through the chairperson of the Philosophy Department. Credit is also available to students who wish to enroll in the Cooperative Education Program. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-393. Modern Moral Theory. 3.00 Credits.

A study of the moral theory and philosophical principles found in the works of Hobbes, Locke, Mill, Bentham and others. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-425. Symbolic/Mathematical Logic. 3.00 Credits.

A systematic investigation of mathematical and logical structures. The primary areas of study are the logic of connectives, the logic of quantifiers, and key issues in metalogic. Prerequisites: PL-130 OR PL-140.

PL-448. Plato's Dialogues. 3.00 Credits.

Through close study of selected longer dialogues, students will examine Plato's philosophical world-view, including the theory of value and meaning he conveys in his writings as a way of further exploring moral theory. Values course. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-450. Plato's Republic. 3.00 Credits.

An in-depth study of Plato's "Republic", focusing on the nature of the human soul, the good life for us, the education that best promotes the good life. The role of virtues, and the metaphysics & epistemology that underlies those answers. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

PL-490. Capstone: Ethical Leadership. 3.00 Credits.

An examination of the moral foundations and ethical considerations of leadership. Key questions to be explored include: What is leadership? What are the ethical consequences of poor leadership? How should ethical leadership be cultivated? Prerequisites: PL-130 OR PL-140; Course Type(s): Capstone.

PL-495. Exploring Philosophy Overseas. 3.00 Credits.

This course explores various philosophical concepts as they relate to foreign intellectual traditions and cultures. Topics to be explored include the origin and/or development of philosophical ideas in other countries, the relationship of those ideas to past and contemporary philosophical traditions, and the role of culture in the development of philosophical ideas. Additional travel course fee of \$50. Prerequisites: PL-130 OR PL-140; Course Type(s): International (Travel).

PO Courses**PO-100. Perspectives on Politics. 3.00 Credits.**

An introductory study of the political values, concepts and institutions that define and span the field political science in the areas of American politics, international affairs, comparative politics, and political theory.

PO-137. Nonviolence Community Org. Social Move. 3.00 Credits.

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

PO-155. Politics of Climate Disruption. 3.00 Credits.

This course will explore how environmental issues - such as climate change, resource extraction and energy use - are shaped by politics and political systems at the international, domestic and local levels. We will also examine the ways in which environmental issues have shaped politics - with concepts such as sustainable development and environmental justice - since the emergence of the environmental movement.

PO-200. Research Methods and Social Impact. 3.00 Credits.

This course will explore a range of social problems and movements while engaging with empirical research. These topics will cover an array of social issues, including police brutality, depression, misinformation, and bias. Students will learn how to move from theory to action on social challenges, studying the historical roots of movements while engaging with different research methodologies. Prerequisites: PO-100.

PO-201. American Government. 3.00 Credits.

An introductory study of the principles, institutions and power relationships of the American governmental system. Topics include the politics of the American Founding, the federal arrangement between the national and state governments, the operations of the Congress, the president, and the courts, and the roles of elections, political parties and interest groups.

PO-207. The Mass Media and American Politics. 3.00 Credits.

An in-depth study of the interactions between the American mass media and the U.S. political system, and how these two centers of power influence each other. Topics include media organization and ownership, the legal and political contours of press freedom, the norms and processes of news reporting, the relationships between the media and conduct of the U.S. elections, and the relationships between the media and the operations of the executive, legislative and judicial branches of the government.

PO-210. Community Service-Based Approach to SJ. 3.00 Credits.

This course introduces students to service-based methods of helping marginalized individuals and groups in local communities while exploring ways to promote justice and alter unjust social structures as a necessary component of community service. Students will identify and define those in need in the community, analyze existing methods for serving the marginalized, and explore ways of furthering service to address the core problems causing this need. The focus of this course study will be on the local level. The course will be viewed through the lens of the Universal Apostolic Preferences of the Society of Jesus and will guide the study.

PO-215. United States Foreign Policy. 3.00 Credits.

An examination of the principal historical influences and major institutions involved in the formulation and execution of foreign policy.

PO-216. Urban Politics and Policy. 3.00 Credits.

This course examines the political history peculiar to American cities and its impact. It analyzes the fiscal problems faced by many cities and recent efforts to improve urban life. It will also focus on cities's role in the American political structure, the political debates between reformers and the machine, and the role of race in urban politics. On issues of public policy, it will examine the urban-suburban divide, housing, transportation, urban planning, economic and community development, poverty, and education. It will end with a global comparison of cities.

PO-230. Black American Politics. 3.00 Credits.

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics.

PO-250. Intro to Social Justice. 3.00 Credits.

An examination of how racism, classism and sexism create barriers to the realization of a more equal and just society, with a particular focus on pressing current social justice issues - such as affordable housing, health care, immigration, the prison system, war and the environment - and the people that are working to build a better world. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

PO-275. Intro to International Relations. 3.00 Credits.

Examination of the system of nation states, blocs, and rivalries in the world order. Approaches to the explanation of power and security, the use of force and war and international social, economic, and environmental problems. Course Type(s): Senior Seminar.

PO-276. Comparative Social Movements. 3.00 Credits.

From Hong Kong to Chile, Wall Street to Plaza de Mayo, the last few years have demonstrated that the politics of protest and collective mobilization play an ever more relevant part in the contemporary dynamics of political resistance and social change. Through the comparative study of social movements around the globe, this course provides an overview of theoretical approaches and transdisciplinary insights into the study of collective action. Class discussions will go beyond stigmatized connections between social action and social unrest to explore topics such as performance and everyday resistance strategies, power and identity relations and other factors that allow for a critical perspective on the field.

PO-285. United Nations Seminar. 3.00 Credits.

An introduction to the purpose, establishment, and work of the United Nations through readings, lectures and hands-on experiences. Students will visit the United Nations, learn about the foreign service, participate in a college level Model United Nations conference, and take a leadership role in conducting the Saint Peter's University High School Model United Nations conference. Model UN fee of \$300 Course Type(s): Service Learning.

PO-295. Credited Internships. 3.00 Credits.**PO-297. Fat Feminism and Comparative Politics. 3.00 Credits.**

A look at the American diet industry and medical institutions as they relate to the intersection of fat-phobia as anti blackness. A connection to how modern feminism has shaped the body positivity movement and the evolution of fat politics.

PO-301. Ancient & Medieval Political Theory. 3.00 Credits.

A survey of the classic works of political theory from its inception through the Middle Ages: Plato, Aristotle, Augustine and Aquinas.

PO-308. Women and American Politics. 3.00 Credits.

This course will analyze the participation of women in American political life; examine women's public roles and the effects of feminism in altering women's public roles in both historical and contemporary contexts; delve into women's participation in electoral politics; understand women's behavior and influence as public officials; and analyze the intersection of gender with other categories such as race/ethnicity and political party. We'll study the historic 2020 presidential election, the gender gap, and attitudes towards Vice President nominee Kamala Harris and other presidential/vice presidential candidates. This course is designed to introduce students to the study of gender and U.S. politics including the central questions, concepts, and debates in the field.

PO-310. Feminist Political Theory. 3.00 Credits.

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism, Marxist feminism, radical feminism, and post-modern feminism. Course Type(s): Pluralism.

PO-312. The American Congress. 3.00 Credits.

An in-depth examination of the organization and decision-making processes of the U.S. Congress, and the political considerations and forces that influence the work of members of Congress in both the Senate and House of Representatives. Topics include the legislative intentions and designs of the Founders, the representational and lawmaking functions of Congress, the norms, organization and processes of each chamber, the parameters of congressional elections, the roles of political parties and interest groups, and the relationships between Congress and the other two branches of government.

PO-313. The American Presidency. 3.00 Credits.

An in-depth study of the evolution of the presidency, and its modern functions, decision-making processes, and political influence over American governance. Topics include the contrasting and changing visions of the presidency, the presidential election process, the connections between the president and the public, the institutional organization and operations of the presidency, the relationships between the president and the other two branches of government, and the presidential role in national security and foreign affairs.

PO-314. The American Judicial Process. 3.00 Credits.

An in-depth examination of the roles, decision-making processes and organization of the state and federal courts, and the impact of the judiciary on American politics. Topics include the function of law, the roles of lawyers and judges, the formal and informal structures and operations of courts, and the elements, procedures and purposes of trials and appeals and of criminal and civil proceedings.

PO-315. American Campaigns & Elections. 3.00 Credits.

An in-depth exploration of the dynamics, challenges and political parameters of American elections. Topics include the evolving roles of political parties, consultants, interest groups and candidates, the structures and complexities of the primary and general election processes, the resources, organization and strategies of political campaigns, and the behavior of American voters.

PO-316. Hip Hop and US Political Life. 3.00 Credits.

An examination and discussion of Hip Hop's political origins and how the musical genre provides insight into the social and political climate of America.

PO-319. Politics and Pandemics. 3.00 Credits.

The COVID-19 pandemic sparked intense discussion about the political and economic factors and responses that have shaped this most recent iteration of a world pandemic. This course considers the political, economic, and climate change realities that have ushered forth the COVID-19 pandemic, as well as previous world vital catastrophes. Also, it looks at what these epidemics reveal about the injustices that permeate societies, and why marginalized communities, such as immigrants, communities of color, the elderly, and the economically impoverished disproportionately bear the brunt of the pandemic's brutal effects. Finally, and in the words of Arundhati Roy, how might we walk through the portal of the pandemic in a liberated way?.

PO-321. New Jersey Local and State Government. 3.00 Credits.

This course focuses on New Jersey local and state government; the interdependent role of governors, legislatures, and courts in policy-making and implementation.

PO-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

PO-327. Environmental Politics and Policies. 3.00 Credits.

This course explores the shifting political forces that determine environmental policies. Included is an examination of pressures, interest groups, and the media. Prerequisites: EV-100.

PO-330. Politics of Migration and Mobility. 3.00 Credits.

The course introduces students to key notions, norms, and narratives of human migration and mobility. By exploring the concepts and forms of spatial mobility in both domestic and international spheres, the course will further identify actors that shape and challenge existing policies, norms, and systems and address the differences between global South and global North perspectives. It will highlight, among other issues, the role of gender and racial perspectives in spatial mobility, the relevance of displacement and forced migration in the climate agenda, and the securitization of the current migration debate. A critical take on current global events will be used to illustrate academic texts and policies. Course materials will also include news articles, documentary films, and chronicles.

PO-337. Non-Western Perspective to Int Relations. 3.00 Credits.

This course will introduce the study of International Relations (IR) from post-colonial and decolonial perspectives. Course readings and discussions will examine biases and limitations of mainstream western-oriented perspectives on the field. While recognizing the varied scope of post-colonial and decolonial literature, course materials will explore "subaltern" frames of reference that cut across North-South divides, debate racialized and genderized assumptions about nationality and culture, and promote "counter-hegemonic" reflection on prevailing concepts, norms and institutions in IR.

PO-350. Rent Control in Jersey City. 3.00 Credits.

As rent prices increase in Jersey City, many activists and tenants are calling for both increased enforcement of existing rent control laws and new controls to be added to the existing laws. Such policies, however, are subject to vigorous debate. This course offers a hands-on examination of the existing policies in Jersey City and the larger policy debate about rent control through the following methods: 1) Student will design and implement a survey on existing policies for both landlords and tenants. 2) Students will collect and analyze data on the Jersey City housing market. 3) Students will compare and contrast rent control ordinances in municipalities across New Jersey. 4) Students will review the policy literature on rent control. Course Type(s): Service Learning.

PO-365. Introduction to Security Studies. 3.00 Credits.

What does it mean to talk about security in a globalized world? How do different concepts, discourses, and practices of security impact human lives, political rhetoric, public opinion, military action, and the current state of the international political order? This introductory course will critically review major IR theories and security frameworks, exploring different definitions of conflict, security, humanitarian action, terrorism, war, peace, and their significance in both historical and contemporary perspectives. Topics discussed will include diseases and migration as security issues, international crises, technologies of control and surveillance, the role of international institutions, and connections between security and power in international relations.

PO-366. Civic Scholars Seminar. 1.00 Credit.

This is a seminar that is coupled with an internship in a local or state government office. It is designed to help students make the most of their time as interns and introduce them to the local and state decision making processes in NJ. In addition to bi-weekly class meetings, students will meet with elected and appointed officials and professionals working in state and local government, and attend school board, council, commissioner, and state legislative meetings.

PO-376. International Organizations. 3.00 Credits.

Examination and discussion of international political and economic organizations including the United Nations, multinational corporations, the World Bank and regional organizations such as the European Union and producer cartels such as the Organization of Petroleum Exporting countries. Model UN fee of \$500. Prerequisites: PO-100.

PO-380. Spatial Justice Cities and Resistance. 3.00 Credits.

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

PO-409. Constitutional Law & Governmental Powers. 3.00 Credits.

An advanced and case law-focused seminar on the allocation of governmental powers under the U.S. Constitution. Topics are explored through the study of U.S. Supreme Court decisions and include an examination of the separate powers of the national legislative, executive and judicial branches, the checks and balances that channel their operations, the relationship between the national and state governments, and the extensive reach of the national Commerce Clause and Spending Clause powers.

PO-414. Understanding Global Terrorism. 3.00 Credits.

This course, drawing on comparative global and historical experiences, exposes the student to the various regional expressions of terrorism (Asia, Latin America, N. America, Europe). Political, economic, nationalist and religious forms of terrorism receive considerable scholarly attention in this course.

PO-417. Constitutional Law & Civil Liberties. 3.00 Credits.

An advanced and case law-focused seminar on human rights and civil liberties under the U.S. Constitution. Topics are explored through the study of U.S. Supreme Court decisions and include an examination of religious liberty, freedom of speech, freedom of the press, the right to privacy, and the rights of equality and freedom from discrimination.

PO-424. Comparative Democratization. 3.00 Credits.

This course reviews the vast literature concerned with the transition from authoritarianism to democracy in various parts of the world. The concepts of democracy and authoritarianism are thoroughly explored, followed with a comparative review of actual cases of democratic and authoritarian rule that include problems facing newly established democracies. Along with the historical development of democracy and its "requisites," the course then focuses on the "third wave" of democratization, with attention to cases in Southern Europe, South America, East and Central Europe, with secondary review of other cases in Asia or Africa.

PO-477. International Law. 3.00 Credits.

An introduction to the principles and norms of international law and how they regulate political and economic interactions at the global level. A case oriented emphasis on treaties, the law of war, and dispute settlement.

PO-479. Internatn'l Political Economy. 3.00 Credits.

An examination of the dynamics of wealth and power in the global system. Emphasis given to issues of trade, monetary relations and economic interdependence. Regulatory efforts at the national, regional and international levels are analyzed. Prerequisites: PO-100.

PO-480. Development & Disaster Risk Reduction. 3.00 Credits.

This course investigates the relationship between global development strategies and disaster risk, resiliency and preparedness in international and local perspective. Prerequisites: PO-100.

PO-481. Immigration: Walls Or Welcome?. 3.00 Credits.

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

PO-486. Seminar: Genocide. 3.00 Credits.

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries. Course Type(s): Pluralism.

PO-488. Discovering Morocco. 3.00 Credits.

Through this travel course, students will examine essential aspects of Morocco: culture, language (Moroccan Dialect or MSA), history, and politics. This unique experience is designed to build on students' learning and motivate them to be more globally engaged in ways that are relevant and meaningful. Students are responsible for completing reading and writing assignments prior to the trip, and ultimately writing a final paper and presentation based on their experience to assess the significance of field trips.

PO-498. Political Poetry & Music. 3.00 Credits.

This course considers the relationship between aesthetics and political philosophy. Political themes flowing through poetry and music, analyzed both in terms of their message and medium, use in political activism. Course Type(s): Pluralism.

PO-499. Political Science Capstone. 3.00 Credits.

Comprehensive oral exam of each sub-discipline in political science and general political science knowledge. Course Type(s): Capstone, Writing Intensive.

PS Courses

PS-151. Introduction to Psychology. 3.00 Credits.

Exploration of the methods and applications of psychology; introduction to research techniques, concepts, theories, and findings about normal and abnormal behavior. Course Type(s): Stem.

PS-200. Statistics & Research Methods. 3.00 Credits.

An introduction to descriptive and inferential statistics with emphasis on research methodology and applications in psychology. Prerequisites: PS-151 MINIMUM GRADE C. Course Type(s): Senior Seminar.

PS-205. Experimental Psychology. 3.00 Credits.

Examination and training in experimental methodology with a focus on the scientific method and empiricism. Topics include the philosophy of science, statistics, developing and testing hypotheses, control techniques, designs, and ethics. Prerequisites: PS-151 MINIMUM GRADE C.

PS-210. Advanced Stats & Computer Applications. 3.00 Credits.

An overview of the ways in which computers are used in psychology. Topics include experimental data analysis using statistical packages such as SPSS, library research using PsycLIT, creating resumes, APA style, and PowerPoint presentations for conferences. Prerequisites: PS-200 MINIMUM GRADE C.

PS-220. Social Psychology. 3.00 Credits.

Study of the individual in the social environment examination of such topics as attitude formation and change, social influence, leadership and community, intergroup relations, aggression, and altruism. Prerequisites: PS-151 MINIMUM GRADE C.

PS-221. Introduction to Social Work. 3.00 Credits.

This course explores a wide range of human problems, intervention strategies and professional practice choices from a generalist perspective. This course also focuses on the problem solving process for people who are oppressed, marginalized, and/or underserved.

PS-222. Intro to Applied Behavior Analysis. 3.00 Credits.

This course provides students with the necessary background for understanding the development of behaviorist theories and the further development of Behavior Analysis as a natural science. Students will explore characteristics of autism spectrum disorders and Applied Behavior Analysis (ABA) as an effective treatment. In this course students will be introduced to the basic principles and key concepts of ABA and its practical applications. Students will explore controversies and develop research-based conclusions regarding behavioral interventions.

PS-223. Social Work Practice I. 3.00 Credits.

This course introduces the social work competencies and the problem solving model as conceptual frameworks, emphasizing the initial steps of problem and goal identification, data collection and preliminary contracting as applied to client systems of different sizes. It engages students in discussion of their observation and application of these processes in their practice assignments. Consistent with the fundamental commitment of the profession of social work to social and economic justice for all people, this course pays special attention to how institutional structures impede people of various ages, classes, colors, races, cultures, disabilities, ethnicities, family structures, gender, marital status, national origin, religions, sex and sexual orientation to meet their needs.

PS-230. Childhood and Adolescence. 3.00 Credits.

A survey of the physical, intellectual, social, and personality development that occurs during infancy, toddlerhood, childhood, and adolescence. Prerequisites: PS-151 MINIMUM GRADE C.

PS-235. Life Span Development. 3.00 Credits.

Comprehensive examination of the basic principles, stages and aspects of human growth and development from birth to senescence. May replace PS230 as a required course, but cannot take both PS230 and PS235. Prerequisites: PS-151 MINIMUM GRADE C.

PS-240. Adulthood and Aging. 3.00 Credits.

Examination of the developmental changes in the human life cycle from young adulthood through maturity. Focuses on patterns of change and growth during adulthood, social attitudes, and gerontological psychology. Prerequisites: PS-151 MINIMUM GRADE C.

PS-250. Personality. 3.00 Credits.

Exploration of personality theories including psychoanalysis, cognitive, behavioral and humanist approaches as they describe the development, functioning, and organization of the individual. Examination of the personal and clinical relevance of the theories. Prerequisites: PS-151 MINIMUM GRADE C.

PS-260. Abnormal Psychology. 3.00 Credits.

Description of normal and abnormal personality with emphasis on etiology, manifestations, dynamics, treatment, and prevention of social/psychological dysfunctions. Prerequisites: PS-151 MINIMUM GRADE C.

PS-295. Credited Internships. 3.00 Credits.**PS-310. Social Experimental Psychology. 3.00 Credits.**

The study of individual behavior in the social environment with an emphasis on quantitative experimental techniques used to examine theories and models. Techniques include observational research, ethics in human research, questionnaire research, formal experiments, naturally occurring studies, archival studies and non-interventional field research. Topics include attitude formation, social influence, leadership, intergroup relations, aggression and altruism. Prerequisites: PS-151 MINIMUM GRADE C.

PS-311. Capstone: Seminar Lab Social Experiment. 3.00 Credits.

Capstone: Seminar Lab Social Experiment. Additional course fee of \$100. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive.

PS-320. Learning. 3.00 Credits.

An examination of the major historical and contemporary theories of learning. Discussions will focus mainly on the critical analysis of experiments conducted on both animals and humans. Lectures will be supplemented with classroom demonstrations and exercises. Prerequisites: PS-151 MINIMUM GRADE C.

PS-340. Physiological Psychology. 3.00 Credits.

Relationships between physiological processes and behavior with emphasis on the role of the central nervous system in human behavior. Prerequisites: PS-151 MINIMUM GRADE C.

PS-350. Cognitive Processes. 3.00 Credits.

Examination of the issues, theories, and applications of memory, attention, pattern recognition, organization of knowledge, language, reasoning, and problem solving. In studying these topics, we will use the information processing and connectionist approaches. Prerequisites: PS-151 MINIMUM GRADE C.

PS-398. Undergrad Psychology Research. 3.00 Credits.

Readings, reports and conferences aimed at preparing the student for independent research under supervision of a staff member. Prerequisites: PS-151 MINIMUM GRADE C.

PS-400. Moral Psychology. 3.00 Credits.

This course provides a broad introduction to the field of moral psychology with an emphasis on recent developments in the field. Topics include how people make moral judgements, how people define the moral domain, the relationship between emotional morality, and how morality affects behavior. Prerequisites: PS-151 MINIMUM GRADE C.

PS-401. Capstone Lab & Seminar in Moral Psych. 3.00 Credits.

Capstone laboratory and seminar in Moral Psychology. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive.

PS-406. Political Psychology. 3.00 Credits.

This course will provide a broad introduction to the field of political psychology. Topics will include such things as psychology political ideology, political decision making and intergroup conflict. Prerequisites: PS-151 MINIMUM GRADE C.

PS-407. Capstone: Seminar & Lab Political Psych. 3.00 Credits.

Capstone laboratory and seminar in Political Psychology. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive.

PS-415. Attitudes and Persuasion. 3.00 Credits.

Contemporary and historical psychological theories about attitudes including how they are formed, the impact they have on behavior and how they can be changed. Prerequisites: PS-151 MINIMUM GRADE C.

PS-416. Capstone Sem/Lab: Attitudes & Persuasion. 3.00 Credits.

Capstone Seminar and Lab: Attitudes & Persuasion Prerequisites: PS-200 AND PS-205; MINIMUM GRADE C; Course Type(s): Lab Courses, Capstone, Writing Intensive. Prerequisites: PS-205 AND PS-210; MINIMUM GRADE C; Course Type(s): Lab Courses, Capstone, Writing Intensive.

PS-425. Psychology of Emotion. 3.00 Credits.

An examination of Emotions what they are, how they differ by culture, and how they impact peoples lives. Prerequisites: PS-151 MINIMUM GRADE C.

PS-426. Capstone Seminar and Lab: Emotion. 3.00 Credits.

Capstone Seminar and Lab: Emotion Prerequisites: PS-200 AND PS-205; MINIMUM GRADE C; Course Type(s): Lab Courses, Writing Intensive.

PS-430. Industrial-Organizational Psy. 3.00 Credits.

Study of behavior in organizational and business-related settings. Examination of such topics as employee motivation and satisfaction, communication patterns, effective leadership strategies, and organization development. Prerequisites: PS-151 MINIMUM GRADE C.

PS-431. Capstone: Lab & Sem Industr Org Psych. 3.00 Credits.

Capstone: Lab & Sem Industr Org Psych. Additional course fee of \$100. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive, Senior Seminar.

PS-433. Stereotypes and Prejudices. 3.00 Credits.

This course analyzes and reviews psychological theory and empirical research on stereotypes and prejudices Prerequisites: EARN C OR BETTER IN PS-151.

PS-434. Cap Sem & Lab: Stereotypes & Prejudices. 3.00 Credits.

This is a capstone laboratory and seminar that accompanies PS 433 Stereotypes & Prejudices. Students must be co-registered or have previously taken PS 433 to take this class. Prerequisites: PS-205, PS-210; MINIMUM GRADE C; INSTRUCTOR PERMISSION REQUIRED. Course Type(s): Capstone, Senior Seminar, Writing Intensive.

PS-435. Forensic Psychology. 3.00 Credits.

The application of psychology to the legal and criminal justice systems including psychology and the law, incarceration of the mentally ill, the psychology of policing, competency to stand trial, risk assessment, psychometric testing, evaluation of witness and expert testimony. Prerequisites: PS-151 MINIMUM GRADE C.

PS-445. Sport Psychology. 3.00 Credits.

The study of behavior in sport and exercise with a focus on how psychological factors affect physical performance and how sport and exercise affect psychological development, health, and well-being. Prerequisites: PS-151 MINIMUM GRADE C.

PS-450. Cross-Cultural Psychology. 3.00 Credits.

Focuses on the study of human behavior as a result of living in a given culture. Topics include bilingualism, comparison of personality, perceptual, and cognitive development in different societies, gender roles, and special issues in cross-cultural research. Prerequisites: PS-151 AND ONE OTHER PS COURSE MINIMUM GRADE C. Course Type(s): Pluralism.

PS-455. Bio Foundations : Human Sexuality. 3.00 Credits.

Focuses on the biological foundations of human sexuality. Topics include sexual anatomy and physiology, human reproduction, development, dysfunctions, therapy, and health. Prerequisites: PS-151 MINIMUM GRADE C.

PS-456. Counseling. 3.00 Credits.

this course explores the techniques for establishing a stable working relationship with a client and examines prominent contemporary approaches to counseling from theoretical and practical standpoints. Prerequisites: PS-151 MINIMUM GRADE C.

PS-463. Psychopathology & Film. 3.00 Credits.

An advanced course in the clinical areas of diagnosis and treatment of mental illness applying the diagnostic and statistical manual (DSM) guidelines to selected films. Prerequisites: PS-151 AND PS-250 OR PS-260 MINIMUM GRADE C. - MUST BE COMPLETED PRIOR TO TAKING THIS COURSE.

PS-480. Special Topics in Psychology. 3.00 Credits.

An advanced exploration of a selected topic in contemporary psychology. Prerequisites: PS-151 MINIMUM GRADE C.

PS-481. Capstone: Seminar & Lab St. 3.00 Credits.

Capstone: Seminar & Lab St. Additional course fee of \$100. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone, Writing Intensive.

PS-498. Psychology Capstone. 3.00 Credits.

This is a capstone experience for graduating seniors. It involves the creation, execution and dissemination of an original psychological experiment. Each student will design an original experiment. They will collect and analyze the data and present these findings in both written and oral format. Prerequisites: PS-200 AND PS-205; Course Type(s): Capstone.

PS-499. Capstone Seminar & Lab: General Psych. 3.00 Credits.

Capstone seminar and lab in general Psychology. Prerequisites: PS-210 PS-205 MINIMUM GRADE C. Course Type(s): Capstone.

RD Courses**RD-100. Introduction to College Reading. 3.00 Credits.**

A program of selected readings, vocabulary enrichment, and guided study which enables students to develop an effective approach to study by introducing them to selected reading in diverse fields, including their major.

SE Courses**SE-370. Reading/Sec Sch Using Technology. 3.00 Credits.**

The concepts and principles associated with the teaching of reading, the diagnosis of disabilities. Methods and materials employed in the improvement of reading, remedial classes and individual case studies.

SE-400. Prin/Tech of Instr/Middle& Secondary Sch. 3.00 Credits.

Through this course, students develop the ability to teach in middle and secondary schools by applying the principles and techniques of effective instruction. The course introduces the required standards in all disciplines and requires students to create original units of instruction, which include appropriate assessment tools. Students will design and implement lesson plans using various teaching styles and methodologies. Finally, students will assess their teaching ability and will plan their continued professional development. Course Type(s): Writing Intensive.

SE-408. Principles of High School Curriculum. 3.00 Credits.

Historical, legal, and community factors influencing the secondary school curriculum and general curriculum orientation. Departmental responsibilities in the area of curriculum. Innovative curriculum projects, programs for gifted and talented, special education, and bilingual students.

SE-495. Student Teaching: Secondary. 8.00 Credits.

A supervised classroom teaching experience on the secondary level (7-12), including seminar meetings and conferences scheduled prior to and during the student-teaching term.

SE-499. Student Teaching: Secondary. 6.00 Credits.

A supervised classroom teaching experience on the secondary level (7-12), including seminar meetings and conferences scheduled prior to and during the student-teaching term.

SJ Courses**SJ-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

SJ-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.

This course will offer students an introduction to lesbian, gay, bisexual and transgendered studies. Along with a focus on the history of this topic as a social movement, the course examines the topic from community, social justice and lifestyle perspectives.

SJ-137. Nonviolence Community Org. Social Move. 3.00 Credits.

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

SJ-140. Introduction to Women's Studies. 3.00 Credits.

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships.

SJ-155. Politics of Climate Disruption. 3.00 Credits.

This course will explore how environmental issues - such as climate change, resource extraction and energy use - are shaped by politics and political systems at the international, domestic and local levels. We will also examine the ways in which environmental issues have shaped politics - with concepts such as sustainable development and environmental justice - since the emergence of the environmental movement.

SJ-177. Introduction to Africana Studies. 3.00 Credits.

This course offers an introduction to the field of Africana Studies. It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic, music, poetry and social movements. Course Type(s): Pluralism.

SJ-203. Global Citizenship II: U. N. Earth Chart. 3.00 Credits.

As in "Global Citizenship I: Issues, Policy and Decision Making" (PO-202), here students will examine what it means to be a "global citizen" in the 21st century--in this case through the framework of the United Nations Earth Charter. PO-202 is not a prerequisite. Prerequisites: PO-100.

SJ-205. Survey of World Literature. 3.00 Credits.

An introductory survey of the modern and contemporary literatures of the developing world, with particular emphasis on interdisciplinarily situating texts in terms of their various cultural, political, economic, and historical contexts. As an introductory literature course, this class will also serve to introduce students to the methods of close-reading-based textual analysis. Prerequisites: CM-115 CM-117 OR CM-120.

SJ-206. Christian Social Thought. 3.00 Credits.

This course will introduce students to the basics of Christian theological, moral & social thought. The course will adopt a service learning approach and as such will examine the origins of the Christian ethical ideals of philanthropy, community service, and love as they relate to issues of social justice and the common good. Consequently, students will be required to engage in 15-20 hours of philanthropic community-service activities and/or social advocacy and activism as a means of connecting the history and theory of the aforementioned concepts to real world practice. Course Type(s): Interdisciplinary.

SJ-210. Community Service-Based Approach to SJ. 3.00 Credits.

This course introduces students to service-based methods of helping marginalized individuals and groups in local communities while exploring ways to promote justice and alter unjust social structures as a necessary component of community service. Students will identify and define those in need in the community, analyze existing methods for serving the marginalized, and explore ways of furthering service to address the core problems causing this need. The focus of this course study will be on the local level. The course will be viewed through the lens of the Universal Apostolic Preferences of the Society of Jesus and will guide the study.

SJ-223. Latin Amer Today: People Culture Issue. 3.00 Credits.

This course provides an overview of the diverse societies of Latin America from a social science perspective. We will explore everyday life and experiences as they relate to culture and diversity, race, ethnicity and gender, politics and the economy, migration and urbanization, social justice and pop culture.

SJ-230. Black American Politics. 3.00 Credits.

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics.

SJ-232. China: Environmntl Chnge & Possibilities. 3.00 Credits.

This course focuses on the social, political, economic and cultural variable that impact the Chinese environmental deterioration and these consequences for the world at large. Alternative models of environmental conservation are included. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

SJ-235. Harlem Renaissance. 3.00 Credits.

This course examines the period beginning in the 1920's known as the Harlem Renaissance. It was a time when black and white Americans alike discovered the vibrancy and uniqueness of black art, music, and literature. The class will also examine the importance of external forces, both positive and negative. Prerequisites: UR-151 OR SO-121; Course Type(s): Pluralism.

SJ-245. Haitians in America. 3.00 Credits.

Examines the history and experiences in America, paying special attention to how and why Haitians come to the U.S. It also explores patterns of settlement and mobility as well as interaction with other groups. Prerequisites: AS-175, AS-177 OR SO-121.

SJ-250. Intro to Social Justice. 3.00 Credits.

An examination of how racism, classism and sexism create barriers to the realization of a more equal and just society, with a particular focus on pressing current social justice issues - such as affordable housing, health care, immigration, the prison system, war and the environment - and the people that are working to build a better world. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism.

SJ-275. Intro to International Relations. 3.00 Credits.

Examination of the system of nation states, blocs, and rivalries in the world order. Approaches to the explanation of power and security, the use of force and war and international social, economic, and environmental problems. Course Type(s): Senior Seminar.

SJ-276. Comparative Social Movements. 3.00 Credits.

From Hong Kong to Chile, Wall Street to Plaza de Mayo, the last few years have demonstrated that the politics of protest and collective mobilization play an ever more relevant part in the contemporary dynamics of political resistance and social change. Through the comparative study of social movements around the globe, this course provides an overview of theoretical approaches and transdisciplinary insights into the study of collective action. Class discussions will go beyond stigmatized connections between social action and social unrest to explore topics such as performance and everyday resistance strategies, power and identity relations and other factors that allow for a critical perspective on the field.

SJ-286. Haiti and the Revolution (1791-1804). 3.00 Credits.

This course will examine the Haitian Revolution of 1791-1804 and the formation of the first independent nation in the Caribbean. Course Type(s): Pluralism.

SJ-294. Native American Cultures. 3.00 Credits.

An examination of the diversity of North American tribes from their migration from Asia to the present. Included are comparisons between tribes, government policies and recent revival of many groups.

SJ-295. Credited Internships. 3.00 Credits.**SJ-297. Fat Feminism and Comparative Politics. 3.00 Credits.**

A look at the American diet industry and medical institutions as they relate to the intersection of fat-phobia as anti blackness. A connection to how modern feminism has shaped the body positivity movement and the evolution of fat politics.

SJ-308. Women and American Politics. 3.00 Credits.

This course will analyze the participation of women in American political life; examine women's public roles and the effects of feminism in altering women's public roles in both historical and contemporary contexts; delve into women's participation in electoral politics; understand women's behavior and influence as public officials; and analyze the intersection of gender with other categories such as race/ethnicity and political party. We'll study the historic 2020 presidential election, the gender gap, and attitudes towards Vice President nominee Kamala Harris and other presidential/vice presidential candidates. This course is designed to introduce students to the study of gender and U.S. politics including the central questions, concepts, and debates in the field.

SJ-309. Women in Changing Urban World. 3.00 Credits.

Historical and contemporary examination of urban revolution as social basis for changing roles of women. Generation of conflicts and possibilities. Implications for society. Prerequisites: UR-151 OR SO-121.

SJ-310. Feminist Political Theory. 3.00 Credits.

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism, Marxist feminism, radical feminism, and post-modern feminism. Course Type(s): Pluralism.

SJ-311. Philosophy and Bob Dylan. 3.00 Credits.

An investigation of the philosophical, ethical and cultural themes in Bob Dylan's lyrics. Philosophical ideas such as appearance versus reality, truth and knowledge, and good and evil will be explored through a comprehensive study of Dylan's music. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

SJ-316. Hip Hop and US Political Life. 3.00 Credits.

An examination and discussion of Hip Hop's political origins and how the musical genre provides insight into the social and political climate of America.

SJ-319. Politics and Pandemics. 3.00 Credits.

The COVID-19 pandemic sparked intense discussion about the political and economic factors and responses that have shaped this most recent iteration of a world pandemic. This course considers the political, economic, and climate change realities that have ushered forth the COVID-19 pandemic, as well as previous world vital catastrophes. Also, it looks at what these epidemics reveal about the injustices that permeate societies, and why marginalized communities, such as immigrants, communities of color, the elderly, and the economically impoverished disproportionately bear the brunt of the pandemic's brutal effects. Finally, and in the words of Arundhati Roy, how might we walk through the portal of the pandemic in a liberated way?.

SJ-322. Socialism and Social Movements; Socialism and Social Movements. 3.00 Credits.

This course introduces the student to the "ABC's" of socialism, its thought and practice, and its various iterations. The class considers why more people see socialism as an alternative to capitalism and study the social movements that have striven to bring life to its theory and practice. The class also emphasizes practices of democracy, justice, diversity, and Green Socialism.

SJ-328. Social Work in Urban Systems. 3.00 Credits.

Focuses on the major social welfare systems in America and the field of social work as the profession charged with implementing social welfare today. Prerequisites: SO-121 OR UR-151.

SJ-330. Politics of Migration and Mobility. 3.00 Credits.

The course introduces students to key notions, norms, and narratives of human migration and mobility. By exploring the concepts and forms of spatial mobility in both domestic and international spheres, the course will further identify actors that shape and challenge existing policies, norms, and systems and address the differences between global South and global North perspectives. It will highlight, among other issues, the role of gender and racial perspectives in spatial mobility, the relevance of displacement and forced migration in the climate agenda, and the securitization of the current migration debate. A critical take on current global events will be used to illustrate academic texts and policies. Course materials will also include news articles, documentary films, and chronicles.

SJ-333. Black Community and the Law. 3.00 Credits.

An examination of the role of the American legal process in African American history from 1619 to the present, with concentration on laws and their application during the slavery and post-slavery era, the early and mid 1900's, and in modern rural and urban life. Topics include civil rights, constitutional, property, and criminal law. Course Type(s): Pluralism.

SJ-335. Veils to Vestments Women Ancient Rel. 3.00 Credits.

Veils to Vestments: Women's Leadership in Ancient Religion explores the religious roles and offices taken by women in antiquity using evidence from the Bible and Greco-Roman world. Methodologies for uncovering this evidence and reconstructing women's history will be evaluated. We also consider its implications and applications for the twenty-first century. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Writing Intensive, Values, Pluralism, Interdisciplinary.

SJ-337. Non-Western Perspective to Int Relations. 3.00 Credits.

This course will introduce the study of International Relations (IR) from post-colonial and decolonial perspectives. Course readings and discussions will examine biases and limitations of mainstream western-oriented perspectives on the field. While recognizing the varied scope of post-colonial and decolonial literature, course materials will explore "subaltern" frames of reference that cut across North-South divides, debate racialized and genderized assumptions about nationality and culture, and promote "counter-hegemonic" reflection on prevailing concepts, norms and institutions in IR.

SJ-343. Black Theology. 3.00 Credits.

The study of the origins and influence of the major religious traditions found in the American Black community. May substitute for TH-120 or be used as a Values course, but not both. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

SJ-345. Sociology of Intimacy. 3.00 Credits.

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce. Prerequisites: SO-121 OR UR-151.

SJ-350. Rent Control in Jersey City. 3.00 Credits.

As rent prices increase in Jersey City, many activists and tenants are calling for both increased enforcement of existing rent control laws and new controls to be added to the existing laws. Such policies, however, are subject to vigorous debate. This course offers a hands-on examination of the existing policies in Jersey City and the larger policy debate about rent control through the following methods: 1) Student will design and implement a survey on existing policies for both landlords and tenants. 2) Students will collect and analyze data on the Jersey City housing market. 3) Students will compare and contrast rent control ordinances in municipalities across New Jersey. 4) Students will review the policy literature on rent control. Course Type(s): Service Learning.

SJ-370. Urban Anthropology. 3.00 Credits.

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151.

SJ-378. Global Inequality. 3.00 Credits.

An exploration of the patterns of economic and political inequality that exist between countries and within countries in the contemporary international system.

SJ-380. Spatial Justice Cities and Resistance. 3.00 Credits.

Spatial Justice is an invitation to discuss social justice by looking at places and spaces around us. How much does the design of our cities reflect and offer insights into social and economic inequalities? How do city spaces influence embodied aspects of our daily lives? How can structured or spontaneous acts of spatial resistance impact broader social dynamics? Through the comparative study of urban social dynamics around the world, this course will discuss the contradictory ways in which spaces are socially constructed, consider different urban experiences in relation to race, gender, class, and sexual orientation, investigate spacial resistance dynamics, and explore how those can be applied to the promotion of more just and inclusive social & spatial realities.

SJ-412. Ethnicity and Race in Urban History. 3.00 Credits.

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR UR-151 OR PO-100, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

SJ-420. Social Documentary Filmmaking. 3.00 Credits.

In this course students will explore the history and methods of social impact documentaries as a tool for education, action and change. Students will also produce a final project, studying filmmaking from concept, to production and post production; culminating in an end-of-the year film festival.

SJ-454. Black Films. 3.00 Credits.

A survey of 20th century film making by and about African-Americans. Prerequisites: CM-115 CM-116 OR CM-120.

SJ-465. Vietnam and the U.S.. 3.00 Credits.

A multidimensional view of the Vietnam era. U.S. involvement in Southeast Asia as a backdrop for an examination of changes in America from the late 1950s to the mid 1970s. Impact of Vietnam on civil rights, youth culture, the women's movement. Prerequisites: SO-121 OR UR-151.

SJ-481. Immigration: Walls Or Welcome?. 3.00 Credits.

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

SJ-486. Seminar: Genocide. 3.00 Credits.

After a through conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

SJ-498. Political Poetry and Music. 3.00 Credits.

This course considers the relationship between aesthetics and political philosophy. Political themes flowing through poetry and music, analyzed both in terms of their message and medium, use in political activism. Course Type(s): Pluralism.

SM Courses**SM-103. Prin & Found of Phys Education. 3.00 Credits.**

An examination of the historical and philosophical development of physical education from ancient times to the present. To acquaint the student with physical education as a profession. Course Type(s): Pluralism.

SM-150. History Culture and Business of Esports. 3.00 Credits.

This course will explore the history, culture and business of Esports, which has rapidly ascended in popularity globally. This course will provide students with detailed insights about the history of Esports and its evolution as well as its future growth and development. Students will gain understanding of the differences from traditional sport in terms of competitive gaming events, revenue generation, sponsorships, and other cultural nuances.

SM-202. Fundamentals of Coaching. 3.00 Credits.

An overview of current coaching theory and practice with a special emphasis on the scientific literature depicting best practices and professionalism. In addition, course content will include pedagogy, ethics, the physiological and psychological aspects of athlete development and approaches to teaching technical and tactical skills. This course includes field experience and active learning modules.

SM-228. Intro to Sports Management. 3.00 Credits.

This course is designed to help participants gain an indepth understanding of the fundamental principles and key skills associated with sports administration and management.

SM-250. Sport Communication. 3.00 Credits.

Media and public relations strategies in the sports industry are reviewed. Exposure to the use of web publications/ multimedia and development. Prerequisites: SM-228.

SM-251. Finance in the Sports Industry. 3.00 Credits.

Managerial control in sports organizations is studied. Prerequisites: SM-228 AC-151 EC-101.

SM-255. Esports Branding and Marketing. 3.00 Credits.

This course will explore the marketing and communications functions, including advertising, promotions, and sponsorship, involved in the multi-billion dollar Esports industry. The course provides research, case, analysis, and other opportunities to learn of the effective principles, theories, practices, and methods involved with all aspects of Esports brand architecture and brand management through integrated marketing communication approaches.

SM-285. Management/Leadership- Esports Ecosystem. 3.00 Credits.

The purpose of this course is to understand the fundamental aspects and unique nuances of managing and leading in the esports ecosystem by examining relevant issues, globalization and strategic management.

SM-295. Credited Internships. 3.00 Credits.**SM-310. Sports Law. 3.00 Credits.**

This course will provide students an overview of law as it relates to sports topics including but not limited to sports representation and management, constitutional law, intellectual property law, Title IX and sports crimes.

Prerequisites: SM-228.

SM-350. Sport Facility Operation & Event Mgmt. 3.00 Credits.

Planning, Organization and Operation of Sport Facilities and management of events. Prerequisites: SM-228.

SM-351. Contemporary Issues in Sport Management. 3.00 Credits.

This course will examine issues, challenges, implications and opportunities within the domain of the sports industry by exploring the socio-cultural, economic, political and other relevant issues in sports management. Prerequisites: SM-228.

SM-352. Sports Analytics. 3.00 Credits.

This course focuses on the study of athletic performances and businesses health of a sports organizations for the purpose to participate in optimizing these organizations' performances and successes. The course purpose is to learn how to monitor important off-field data metrics/ data analytics such as ticket sales, merchandise sales, fan engagement, etc. and participate in assisting decision-makers in sporting teams make better decisions directed toward the increase of growth and profitability. Prerequisites: SM-228.

SM-385. Esports Sales Sponsorship & Revenue Dev. 3.00 Credits.

The purpose of this course is to understand the fundamentals and the multifaceted strategies for sales/promotions, corporate sponsorship and revenue development in the realm of Esports.

SM-395. Esports Events Planning and Management. 3.00 Credits.

The purpose of this course is to learn how to plan and execute small and large scale events utilizing the latest in streaming technology, examine the different modalities for play, types of competition, strategies to develop teams, create online communities, and promote events through digital technology.

SM-399. Global Sports and Events Exploration. 3.00 Credits.

This course is designed to expose students to the ancient and global origins of sporting events and venues, specifically the ancient and modern Olympics of Greece, with additional insight into broader sport influences. In this course, participants will explore historical events and sites in order to gain practical understandings of their dynamic and lasting influence on global sports - as entertainment vessels, competitive events, and public venues. Additional travel course fee of \$50.

SM-410. Legal& Ethical Issue in Sports. 3.00 Credits.

A hybrid values course that includes topics in policy development, labor movement in sports, collective bargaining in sports organizations, ethical dilemmas and implications. Prerequisites: SM-228; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

SM-450. The Global Sports Industry. 3.00 Credits.

The history and issues in sports from a global perspective. A pluralistic lens is used to explore the relationship of gender, culture, and social institutions on sports. Prerequisites: SM-228.

SM-499. Internship. 3.00 Credits.

Field work experience in the areas of Sports Management and/or Health & Physical Education. Course Type(s): Senior Seminar.

SO Courses

SO-101. Intro Latin Amer & Latino Stud. 3.00 Credits.

This course will introduce students to the study of Latin America as a region-its history, culture, politics and economic development- and Latino Studies, which examines the experiences of people of Latin American descent in the U. S. Course Type(s): Pluralism.

SO-121. Introduction to Sociology. 3.00 Credits.

An examination of Sociology both as a practicing profession and scientific discipline, with an introduction to research methods, concepts, theories, and findings about the social world. Comparisons are made between Sociology and the other. An exploration of the potential relevance of Sociology to the job market is a part of this course. Course Type(s): Core curriculum course.

SO-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.

This course will offer students an introduction to lesbian, gay, bisexual and transgendered studies. Along with a focus on the history of this topic as a social movement, the course examines the topic from community, social justice and lifestyle perspectives.

SO-137. Nonviolence Community Org. Social Move. 3.00 Credits.

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

SO-140. Introduction to Women's Studies. 3.00 Credits.

This interdisciplinary course introduces students to women's studies, including its roots in the feminist and civil rights movements and the construction of gender in culture and society, giving specific attention to forms of gender inequality in the family, workplace, religion, healthcare, and relationships. Course Type(s): Pluralism.

SO-177. Introduction to Africana Studies. 3.00 Credits.

This course offers an introduction to the field of Africana Studies. It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic, music, poetry and social movements. Course Type(s): Pluralism.

SO-200. Ethnic and Racial Relations. 3.00 Credits.

The study of interethnic and interracial relations. American and international experiences of immigrant groups, majorities, minorities, dominant cultures, and subcultures.

SO-206. Exploring American Identities. 3.00 Credits.

Exploring American Identities is designed to explore multiple aspects of identity and the ways in which individuals and groups self identify and are identified in the United States. Students will read and respond to personal essays on the following themes: linguistic identity, identity and place, work in America, education, relationships, and social networking. Course Type(s): Pluralism.

SO-221. Surveillance in the Cybercity. 3.00 Credits.

Smartphones, debit cards, social networking sites, transportation systems, and public spaces increasingly produce troves of data about everyday life. This data is used by governments, corporations, educational institutions, activist organizations, and everyday people. This course critically analyzes forms of urban surveillance so as to reconsider personal and collective rights to privacy, property, and security within the contemporary cybercity. Prerequisites: SO-121 OR UR-151.

SO-230. Black American Politics. 3.00 Credits.

This course will examine the political behavior of African Americans in the United States. Students will examine the relationship between African Americans and the American political system in order to gain a broader perspective of the American political process. Issues of leadership, representation and empowerment strategies will be addressed. We will consider various forms of participation as we attempt to assess Black political empowerment. We will consider the behavior of Blacks within political institutional settings and at various levels of government. We will also discuss issues such as Black political thought (conservatism, liberalism, and nationalism) and contemporary issues in African American politics.

SO-233. Visual Sociology. 3.00 Credits.

Visual sociology is the study of visual images and their role and influence in society. It includes such media as: art, photographs, film, video, newspapers, magazines, advertisements, graphic novels along with many other forms of visual communication. This area of sociology examines the experience of living in an intensely visual world and how it may enhance as well as constrain our lives. It also explores how to use photography, film, video and other media as research tools in studying social issues and communicating findings with the public to bring about social change. Prerequisites: SO-121.

SO-245. Haitians in America. 3.00 Credits.

Examines the history and experiences in America, paying special attention to how and why Haitians come to the U.S. It also explores patterns of settlement and mobility as well as interaction with other groups. Prerequisites: AS-175 OR AS-177 OR SO-121.

SO-253. Social Deviance. 3.00 Credits.

Explores the concepts of social norms, egocentricity, and ethnocentricity. Examines the relativity of deviance including criminal behavior, human sexuality, drug use, suicide, and other alternative forms of behavior.

SO-254. Sociology of Migration and Immigration. 3.00 Credits.

Immigration in history; patterns of movement; immigration and refugees; adjustment and resettlement; immigration law. The needs of immigrants; housing, employment education, medical care. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

SO-256. Sociology of Sports. 3.00 Credits.

This course uses both readings and films to explore the impact of economic and political forces and changing constructions of gender and social values on organized athletics at the professional and amateur levels. Prerequisites: ONE SEQUENCE: PL-130 PL-140 OR 2 COURSES FROM TH: SO-121.

SO-259. Death Dying and Bereavement. 3.00 Credits.

This course applies the sociological perspective to the issues of Death, Dying and Bereavement. It explores cultural differences with regard to understanding death and related practices and rituals. Topics include: Society/Culture and Death losses in life grieving among children and adults the stages of grief religion and death suffering, death and integration of life. Prerequisites: SO-121.

SO-260. Sabores Y Saberes Exploring Latin Cuisine. 3.00 Credits.

This course explores the cultural and community knowledges (saberese) of Latinx communities through a hands on study of their flavors and cuisine (sabores). We will examine the role of food, its preparation, rituals, histories and consumption, in place-making, identity and community building. This course will involve some travel to restaurants. Prerequisites: LS-101 OR SO-121 OR UR-151.

SO-273. Global Feminisms. 3.00 Credits.

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality. Course Type(s): Pluralism.

SO-275. Pre-Columbian Civilizations. 3.00 Credits.

This course will examine the cultures, including their rises and falls, of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives. Inca, Myan, Aztec, and Others. Prerequisites: SO-121 OR LS-101.

SO-280. Sociological Theory. 3.00 Credits.

Classical themes of Sociology and major theoretical achievements from 1815 to the present. Prerequisites: SO-121.

SO-283. The Conspiracy Theory Film. 3.00 Credits.

The course looks at the themes of conspiracies and paranoia in film and popular culture. Students examine how social and political conflicts through the decades have created fears of large-scale corruption in organizations of power and how these fears were translated to the movie screen. Prerequisites: CM-106 CM-116 CM-120.

SO-286. Haiti and the Revolution (1791-1804). 3.00 Credits.

This course will examine the Haitian Revolution of 1791-1804 and the formation of the first independent nation in the Caribbean. Course Type(s): Pluralism.

SO-288. The Role of Religion in Social Protest. 3.00 Credits.

This course examines various formal and informal roles of religions in social protest from the New York City uprisings through Black Lives Matter and beyond. Prerequisites: SO-121 OR UR-151 OR AS-177.

SO-294. Native American Cultures. 3.00 Credits.

An examination of the diversity of North American tribes from their migration from Asia to the present. Included are comparisons between tribes, government policies and recent revival of many groups.

SO-295. Credited Internships. 3.00 Credits.**SO-300. Wealth Power & Prestige: Soc/Soc Strat. 3.00 Credits.**

Classic Theories and recent research on social inequality and mobility. The linkage of class and behavior education in behavior in education, religion and politics is an essential part of the course. This course utilizes a variety of sociological concepts to examine work as a social institution. In addition to the formal analysis offered, participants in the course will have the opportunity to examine their own role in the world of work. Prerequisites: SO-121.

SO-313. Human Evolution Ecology and Adaptation. 3.00 Credits.

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs. These adaptations and their consequences for changes in human ways of life are central to this course. Prerequisites: BI-184 OR SO-121.

SO-324. Sociology of Work. 3.00 Credits.

This course utilizes a variety of sociological concepts to examine work as a social institution. In addition to the formal analysis offered, participants in the course will have the opportunity to examine their own role in the world of work. Prerequisites: SO-121.

SO-333. Black Community and the Law. 3.00 Credits.

An examination of the role of the American legal process in African American history from 1619 to the present, with concentration on laws and their application during the slavery and post-slavery era, the early and mid 1900's, and in modern rural and urban life. Topics include civil rights, constitutional, property, and criminal law.

SO-339. Literature of the Black Atlantic. 3.00 Credits.

Africana culture has flowed across the Atlantic Ocean littoral from the earliest days of the trans-Atlantic slave trade - not just from West Africa to the New World, but back and forth in complex circuits interconnecting the black peoples of West Africa, the Caribbean, the United States, and the United Kingdom. This is what scholar Paul Gilroy, in his groundbreaking formulation, calls "the Black Atlantic": an Africanist socio-cultural entity that traverses national and geographic borders. This course examines the literature of the Black Atlantic, proceeding from a survey of different theorizations of blackness to an analysis of select works by black authors that focus particularly on social and cultural encounters, exchanges, movements, and inter-group conceptualizations of different Africana peoples. Prerequisites: ONE COURSE FROM EL-201 EL-202 EL-203 EL-204 EL-205 EL-206 EL-207 OR EL-208; Course Type(s): Pluralism, Writing Intensive.

SO-345. Sociology of Intimacy. 3.00 Credits.

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce. Prerequisites: SO-121 OR UR-151.

SO-351. Latina/O/X Communities. 3.00 Credits.

An in-depth examination of the social, cultural, economic, historical, and political contexts shaping the experiences of long-established and recent immigrant Latino/a/x and Latin American groups in the United States. The course will examine the formation of communities in different geographical regions, as well as by national, socio-cultural, ethnic, and political affinities. Prerequisites: SO-121 UR-151 OR LS-101; Course Type(s): Pluralism, Interdisciplinary.

SO-360. Intercultural Relations. 3.00 Credits.

An examination of the influence of cultural factors on human thought, emotion and action. Theoretical and methodological issues in intercultural relations are reviewed and observational studies conducted. Prerequisites: SO-121.

SO-368. Health & Inequalities:RaceClassGender. 3.00 Credits.

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity, social class and gender. We begin with an overview of epidemiology and the idea of studying health from a sociological perspective. We then consider the complex relationship between socio-economic status (class) and health statuses, followed by an examination of specific health issues for major racial/ethnic minorities and gender groups. We will try to understand how low socioeconomic status leads to poor health, how conscious, unconscious, and institutionalized racial/gender bias affects medical care and health outcomes, and address ideas for reducing health disparities among all groups. Prerequisites: SO-121; Course Type(s): Pluralism.

SO-370. Urban Anthropology. 3.00 Credits.

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

SO-384. Cultural Anthropology. 3.00 Credits.

An analysis of the development of anthropology as an offshoot from Sociology; an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures. Prerequisites: SO-121 OR UR-151; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

SO-412. Ethnicity and Race in Urban History. 3.00 Credits.

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR UR-151, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

SO-428. Literature of East and West Africa. 3.00 Credits.

A study of seminal texts representing the Acholi, Gikuyu, Malinke, Igbo, Wolof, Bambara and Senegalese peoples of East and West Africa. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Pluralism, Online Course.

SO-448. Statistics in the Social Sciences. 3.00 Credits.

Descriptive and inferential statistics including measures of central tendency and variability, linear correlation, and hypothesis testing. Prerequisites: SO-121 SO-380.

SO-450. Research Techniques: Social Sciences. 3.00 Credits.

Paradigms, theory and research; the nature of causation; research design; conceptualization and measurement; operationalization; indexes, scales and typologies; sampling; types of Social research: experiments, surveys, field research, unobtrusive research, and evaluation research. Emphasis on active learning through exercises, report writing and student projects. Prerequisites: SO-121 OR UR-151 SO-280; Course Type(s): Senior Seminar.

SO-451. Soc Issues: Pub Pol. 3.00 Credits.**SO-465. Vietnam and the U.S.. 3.00 Credits.**

A multidimensional view of the Vietnam era. U.S. involvement in Southeast Asia as a backdrop for an examination of changes in America from the late 1950s to the mid 1970s. Impact of Vietnam on civil rights, youth culture, the women's movement. Prerequisites: SO-121 OR UR-151.

SO-472. Sociology of the Professions. 3.00 Credits.

History of the professions: the medieval guilds the nineteenth century and the development of applied science. Professions as communities peer evaluation and professional ethics. Prerequisites: SO-121.

SO-481. Immigration: Walls Or Welcome?. 3.00 Credits.

This course focuses on past and present immigration policies in the U.S. as well as immigration activism. Course Type(s): Pluralism.

SO-489. Globalization and Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Prerequisites: SO-121 OR UR-151 OR PO-100; Course Type(s): International (Travel), Pluralism.

SO-492. Urban Internship. 3.00 Credits.

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: SO-121 OR UR-151; Course Type(s): Senior Seminar.

SO-493. Advanced Urban Internship. 3.00 Credits.

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: SO-121 OR UR-151; Course Type(s): Senior Seminar.

SO-495. Internship in Intern'l Settings. 3.00 Credits.

Planned and supervised off-campus working experiences overseas or with international organizations integrated with independent academic study under the tutelage of the Director of International and intercultural Studies. Prerequisites: SO-121 OR UR-151; Course Type(s): Senior Seminar.

SO-496. Rev. Marion J. Franklin Senior Seminar. 3.00 Credits.

This capstone course ties together the various components in the Sociology Major as well as prepares graduates for the next level. Students will develop a synthesis production. Should be taken last term senior year. Prerequisites: SO-121 SO-280 SO-345 SO-384; Course Type(s): Capstone, Senior Seminar.

SO-498. Spec Projects in Sociology I. 3.00 Credits.

Tutorial courses and reading courses in special areas of sociology. May be taken for one or two terms.

SO-499. Spec Projects in Sociology II. 3.00 Credits.

Tutorial courses and reading courses in special areas of sociology. May be taken for one or two terms.

SP Courses**SP-113. Elementary Spanish I. 3.00 Credits.**

An introduction to the basic grammar and vocabulary of spoken and written Spanish Course Type(s): Arts/Language, Addl Humanities.

SP-114. Elementary Spanish II. 3.00 Credits.

Continued practice in the grammar and vocabulary of spoken and written Spanish. Prerequisites: SP-113 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

SP-117. Span Hlth Care Professions I. 3.00 Credits.

Grammar and vocabulary taught through dialogues and situations related to the healthcare professions. Course Type(s): Arts/Language, Addl Humanities.

SP-118. Span Hlth Care Professions II. 3.00 Credits.

Further practice in grammar and vocabulary related to the healthcare professions. Prerequisites: SP-117 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

SP-119. Spanish for Business & Finance I. 3.00 Credits.

Study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage. Prerequisites: SP-114 OR 1-2 YEARS HIGH SCHOOL SPANISH OR INSTRUCTOR APPROVAL.

SP-120. Spanish for Business & Finance II. 3.00 Credits.

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage. Prerequisites: SP-119.

SP-133. Intermediate Spanish I. 3.00 Credits.

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of Spanish through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: SP-114 OR 1-2 YEARS HIGH SCHOOL SPANISH. Course Type(s): Arts/Language, Addl Humanities.

SP-134. Intermediate Spanish II. 3.00 Credits.

Presentation of advanced grammar and vocabulary for improved listening, speaking, reading comprehension, and writing. Practical use of Spanish through dictation, oral and written exercises, sight-reading, and guided conversation. Prerequisites: 1-2 years of high school Spanish, Sp114, or Sp196. Prerequisites: SP-133 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

SP-135. Intermediate Spanish/Native Speakers I. 3.00 Credits.

Provides instruction and practice in the elements of grammar, syntax, spelling, and formal knowledge and use of the language. Course Type(s): Arts/Language, Addl Humanities.

SP-136. Intermediate Spanish/Native Speakers II. 3.00 Credits.

Provides instruction and practice in the elements of grammar, syntax, spelling, and formal knowledge and use of the language. Prerequisites: SP-135 OR LS-135 OR INSTRUCTOR PERMISSION; Course Type(s): Arts/Language, Addl Humanities.

SP-180. Hispanic NY: Language & Culture. 3.00 Credits.

Study of Hispanic language and culture through New York Metropolitan venues taught in conjunction with AR-180. Prerequisites: AR-180.

SP-195. Spanish: Social Services I. 3.00 Credits.

Serves social workers, police officers, medical professionals, and those in related fields. Basic grammar structures and specialized vocabulary; writing exercises, conversation, and role play. Fulfills core language requirement. Course Type(s): Arts/Language, Addl Humanities.

SP-196. Spanish: Social Services II. 3.00 Credits.

Serves social workers, police officers, medical professionals, and those in related fields. Basic grammar structures and specialized vocabulary; writing exercises, conversation, and role play. Fulfills core language requirement.

Prerequisites: SP-195; Course Type(s): Arts/Language, Addl Humanities.

SP-198. Introduction to Hispanic Literature I. 3.00 Credits.

A basic introduction to the principal literary genres through readings in Spanish. 1-2 years high school Spanish.

Prerequisites: SP-134 OR 1/2 YRS. H.S. SPANISH OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

SP-199. Introduction to Hispanic Literature II. 3.00 Credits.

A continued introduction to the principal literary genres through readings in Spanish. Prerequisites: SP-198; Course Type(s): Arts/Language, Addl Humanities.

SP-243. Survey: Literature of Spain I. 3.00 Credits.

Origins and evolution of literature from xarcbas to contemporary works. Required for Spanish majors and minors.

Taught in Spanish. Prerequisites: SP-134 SP-136 SP-199 OR 3-4 YEARS H.S. SPANISH.

SP-244. Survey: Literature of Spain II. 3.00 Credits.

Origins and evolution of literature from xarcbas to contemporary works. Required for Spanish majors and minors.

Taught in Spanish. Prerequisites: SP-243 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

SP-245. Survey of Hispanic American Literature I. 3.00 Credits.

Development of Hispanic-American literature from its origins through the 18th century. Prerequisites: 2-3 YRS.

H.S. SPANISH OR SP-134 OR SP-136 OR INSTRUCTOR PERMISSION. Course Type(s): Arts/Language, Addl Humanities.

SP-246. Hispanic-American Lit. II. 3.00 Credits.

Development of Hispanic-American literature from the 19th century to the present. Prerequisites: SP-245 OR INSTRUCTOR APPROVAL, OR 3-4 YEARS H.S. SPANISH. Course Type(s): Arts/Language, Addl Humanities.

SP-248. Spanish Cultural Hist in Film. 3.00 Credits.

Examination of the rich cultural history of Spain as it has been presented through film. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

SP-249. Cultural Geography of Hispanic America. 3.00 Credits.

A study, through readings and video, of the history, culture, and societal aspects of the Spanish-speaking countries of Latin America. Taught in English. Course Type(s): Pluralism, Arts/Language, Addl Humanities.

SP-250. Spanish Conversation I. 3.00 Credits.

Intensive practice in Spanish conversation through discussion of interesting topics, as well as review of critical grammatical structures and vocabulary to facilitate effective expression. Prerequisites: SP-114, SP-134 OR SP-196; OR 1-2 YEARS H.S. SPANISH, OR INSTRUCTOR PERMISSION; NO NATIVE SPEAKERS. Course Type(s): Arts/Language, Addl Humanities.

SP-251. Spanish Conversation II. 3.00 Credits.

Intensive practice in Spanish conversation through discussion of interesting topics, as well as review of critical grammatical structures and vocabulary to facilitate effective expression. Prerequisites: SP-250 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Addl Humanities.

SP-265. Social Justice in Latin American Film. 3.00 Credits.

Analysis of film, viewed politically and socially, as a mediator of the dynamics of tradition and change in Latin America. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Arts/Language, Addl Humanities.

SP-292. Translation. 3.00 Credits.

Practice in technical, commercial, scientific translation, legal documents and business correspondence, Spanish English, English- Spanish. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR SP 199 OR 3-4 YEARS H.S. SPANISH.

SP-293. Business Spanish. 3.00 Credits.**SP-294. Business Writing in Spanish. 3.00 Credits.**

Review of Spanish grammar and syntax through the study of various forms of business writing, including letters, memos, bills, order forms, receipts, resumes, and other forms of correspondence. Prerequisites: SP-114 OR 1-2 YEARS HIGH SCHOOL SPANISH.

SP-300. Medieval Literature in Spain. 3.00 Credits.

Development of Medieval Spanish literature from the jarchas to La Celestina. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

SP-301. Lit.: Siglos de Oro of Spain. 3.00 Credits.

Analysis of representative texts from the principle authors and genres of the Spanish Golden Age. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL ALSO COUNTS FOR CORE.

SP-310. Spanish Novel of the 19th Century. 3.00 Credits.

Study of the major novelists of 19th-century Spain, including Pardo Bazan, Blasco Ibanez, and Galdos. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

SP-311. Introduction to Latin American Film. 3.00 Credits.

A cultural history of Latin America in the twentieth and twenty-first centuries through the study of its cinema. Ability to understand Spanish is recommended Course Type(s): Arts/Language, Addl Humanities.

SP-312. The Generation of 1898. 3.00 Credits.

Ganivet, Unamuno and other writers of the Generation of 1898. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

SP-315. Aspects of Spanish Drama. 3.00 Credits.

Study of various dramatic works in their literary and sociohistorical context. Course Type(s): Arts/Language, Addl Humanities.

SP-325. Marco Polo & the Silk Road. 3.00 Credits.

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia. This course may be taken EITHER for Core Modern Language OR for Pluralism, but NOT FOR BOTH. Course Type(s): Pluralism.

SP-353. 20th Century Literature:Seminar in ISMS. 3.00 Credits.

The period of the Avant-Garde, Magic Realism, and the newer trends in Hispanic-American literature. Prerequisites: 3-4 YEARS OF HS SPANISH OR SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

SP-355. Seminar: Literature of the Boom I. 3.00 Credits.

Analysis of several of the representative texts of the explosion of Hispanic-American literary production onto the world market, in their literary, historical, and cultural contexts. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL; Course Type(s): Senior Seminar.

SP-360. History and Culture of the Philippines. 3.00 Credits.

A survey of Filipino history from its origins to the present and examination of its culture, as expressed through its customs, art, music, film, and food. Course Type(s): Pluralism.

SP-362. History and Culture of Cuba. 3.00 Credits.

Study of the language, traditions, history, and culture of Cuba from its origins to the present.

SP-363. History and Culture of Puerto Rico. 3.00 Credits.

Study of the history of Puerto Rico and exploration of its rich cultural traditions as expressed in language, literature, art, music, cuisine and customs. Course Type(s): Arts/Language, Addl Humanities.

SP-365. History and Culture of Argentina. 3.00 Credits.

Study of the language, traditions, history, and culture of Argentina from its origins to the present. Course Type(s): Arts/Language, Addl Humanities.

SP-370. Picaresque Literature. 3.00 Credits.

Study of the Picaresque genre through the analysis of representative works such as Lazarillo De Tormes, Guzman De Alfarache, and La Vida Del Buscon. Prerequisites: SP-134 OR SP-136 OR SP-199 OR 3-4 YEARS HS SPANISH.

SP-371. History and Culture of Spain. 3.00 Credits.

Study of the history of Spain and exploration of its rich cultural traditions as expressed in language, literature, art, music, cuisine and customs. Course Type(s): Arts/Language, Addl Humanities.

SP-378. Spanish Drama. 3.00 Credits.

SP-134 OR SP-136 OR INSTRUCTOR APPROVAL;.

SP-388. Spanish Civil War in Literature and Film. 3.00 Credits.

This course will examine the people, places, and events that shaped the Spanish civil war as they are presented in literature and film.

SP-390. Spanish for Business. 3.00 Credits.

Specialized and technical vocabulary and situations relating to the Hispanic commercial world. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

SP-391. Spanish Translation. 3.00 Credits.

Study of theories of translation and extensive practice in translation from Spanish to English and English to Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

SP-399. Independent Study. 3.00 Credits.

Topics: To Be Determined by Chairperson and Instructor. Course Type(s): Independent Study.

SP-490. Seminar: Don Quijote. 3.00 Credits.

Readings, research, and analysis of Cervantes' novel in its socio-cultural, political, and aesthetic contexts. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL; Course Type(s): Arts/Language, Add Humanities.

SP-492. José Martí and Modernismo. 3.00 Credits.

Critical reading of the works of Martí and the Modernistas with particular attention given to the movement's aesthetic innovations. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

SP-493. Hispanic Experience in the U. S.. 3.00 Credits.

Study of the heritage and identity of Hispanics in the U.S., especially as these are expressed in and through literary texts.

SP-496. Survey of U. S. Latino Literature I. 3.00 Credits.

Study of the major authors and works of U.S. Latino literature from its origins through the mid-twentieth century. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

TH Courses**TH-110. Religious Faith in the Modern World. 3.00 Credits.**

A critical inquiry into the possibility, the meaning, and the value of religious faith in the context of modern knowledge and experience. It is conducted from a Judeo-Christian perspective, but in dialogue with the other religious traditions of the world. Course Type(s): Core curriculum course.

TH-120. Intro to the Study of Christianity. 3.00 Credits.

A critical reflection on the meaning of the Christian faith as it is set forth in the New Testament, as it is found in the living tradition of the Church, as it is reflected on by modern thinkers, and as it bears on the issues of our time. Course Type(s): Core curriculum course.

TH-204. Healthcare in the Christian Tradition. 3.00 Credits.

This course will provide students with the opportunity to study the centrality of healthcare in the Christian tradition. Beginning with an introduction to the theological, ethical and historical foundations of Christianity, this course will adopt a dual-focus on: (1) the role that healthcare and medical healing have played in the historical development of Christianity as a faith tradition and the Church as a socially-engaged institution and: (2) the theoretical and applied dimensions of contemporary Christian healthcare ethics. Prerequisites: TH-110 OR TH-120.

TH-206. Christian Social Thought. 3.00 Credits.

This course will introduce students to the basics of Christian theological, moral & social thought. The course will adopt a service learning approach and as such will examine the origins of the Christian ethical ideals of philanthropy, community service, and love as they relate to issues of social justice and the common good. Consequently, students will be required to engage in 15-20 hours of philanthropic community-service activities and/or social advocacy and activism as a means of connecting the history and theory of the aforementioned concepts to real world practice. Prerequisites: TH-110 OR TH-120; Course Type(s): Interdisciplinary.

TH-210. Community Service-Based Approach to SJ. 3.00 Credits.

This course introduces students to service-based methods of helping marginalized individuals and groups in local communities while exploring ways to promote justice and alter unjust social structures as a necessary component of community service. Students will identify and define those in need in the community, analyze existing methods for serving the marginalized, and explore ways of furthering service to address the core problems causing this need. The focus of this course study will be on the local level. The course will be viewed through the lens of the Universal Apostolic Preferences of the Society of Jesus and will guide the study. Prerequisites: TH-110 OR TH-120.

TH-245. The Ignatian Way. 3.00 Credits.

This course studies the life and spirituality of St. Ignatius of Loyola in context, as well as contemporary applications of his spirituality through reading the important primary Ignatian sources. Prerequisites: TH-110 OR TH-120.

TH-246. Latinx Spirituality. 3.00 Credits.

This course presents an introduction to the way Latinos and Latinas live-out their relationship or faith in God or spirituality, both Catholic and Protestant. Prerequisites: TH-110 OR TH-120.

TH-300. Methods and Sources of Theology. 3.00 Credits.

An inquiry into the relationship between faith and reason, modern methods of analyzing and interpreting Scripture, and the role of experience, tradition, the Magisterium, and the human sciences in Theology. Prerequisites: TH-110 OR TH-120.

TH-301. Modern Christian Community: The Church. 3.00 Credits.

A study of the origin, importance, significance, and activities of the Body of Christ for the disciples of Jesus in his time and our own. Special attention given to different images and structures of the Church and contemporary ecclesial issues. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-304. Ecological Ethics-Religious Environment. 3.00 Credits.

This course will provide students with the opportunity to study faith-based approaches to environmentalism and ecological ethics. It will offer students an in-depth analysis of religious understandings of the relationship between humans and the natural world as well as the ways in which moral theology and religious ethics speak to issues such as environmental preservation, sustainability, and ecological justice. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-310. The Theology of Grace. 3.00 Credits.

The Christian understanding of God's saving activity as gratuitous, transforming, and empowering. Includes the insights on the anthropological theology of formative thinkers of the past. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-319. Sacred Time and Travel in Christianity. 3.00 Credits.

An examination of Christian liturgy and pilgrimage in global perspective, to explore the foundations and nature of Christian belief among its many churches and denominations. Substitutes for TH-120-HP; may also satisfy other Distribution requirements. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Writing Intensive, Pluralism.

TH-320. Old Testament Introduction. 3.00 Credits.

An exploration of the Old Testament through selected texts and their contexts. Systematic literary, historical, and social analysis will highlight their significance, key themes and contemporary applicability. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Writing Intensive, Values.

TH-330. New Testament Introduction. 3.00 Credits.

An exploration of the New Testament through selected texts and their contexts. Systematic literary, historical, and social analysis will highlight their significance, key themes and contemporary applicability. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Writing Intensive, Values.

TH-332. New Testament Ethics. 3.00 Credits.

An introduction to reading New Testament ethical texts, deriving and applying their principles in contemporary life. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-335. Veils to Vestments Women Ancient Rel. 3.00 Credits.

Veils to Vestments: Women's Leadership in Ancient Religion explores the religious roles and offices taken by women in antiquity using evidence from the Bible and Greco-Roman world. Methodologies for uncovering this evidence and reconstructing women's history will be evaluated. We also consider its implications and applications for the twenty-first century. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Writing Intensive, Values, Pluralism, Interdisciplinary.

TH-343. Black Theology. 3.00 Credits.

The study of the origins and influence of the major religious traditions found in the American Black community. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-350. Who Is Jesus Christ?. 3.00 Credits.

A study of the person and significance of Jesus Christ for contemporary Christians in light of Scripture, Catholic Tradition, the Magisterium, and contemporary theologians. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-360. Ethics of War and Peace. 3.00 Credits.

This course will examine the ethics of waging war and peace - building from a variety of religious and philosophical perspectives. Prerequisites: TH-110 OR TH-120.

TH-377. Christian Spirituality. 3.00 Credits.

A study of the varieties of mystical experiences and subsequent theological reflection by formative writers in the Christian tradition. Prerequisites: TH-110 OR TH-120.

TH-395. Independent Study. 3.00 Credits.

This course will be used to study any topic in Theology, whether in an already existing course or a new area of study. The area of study should be specified when the student registers for this course: e.g. Independent Study: The New Testament. Prerequisites: TH-110 OR TH-120; Course Type(s): Independent Study.

TH-398. Propaganda: A Tale of Two Romes. 3.00 Credits.

Study of the role of propaganda in Ancient and Modern Rome, plus in the Italian language. Additional travel course fee of \$50 Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): International (Travel), Pluralism, Values.

TH-430. Jerusalem: King David to Caliph 'Umar. 3.00 Credits.

This course will explore the significance of Jerusalem for Jews and Christians from the time of King David c. 1000 B.C.E. to its takeover by the Muslims under Caliph 'Umar in 638 C.E. Prerequisites: TH-110 OR TH-120; Course Type(s): Writing Intensive.

TH-431. Med Jerusalem: Jews Christians Muslims. 3.00 Credits.

An examination of Jerusalem from the beginning of its Muslim period to the Ottomans, and the interactions of the three religions competing for it as their holy city. Archaeological, literary and scriptural evidence receive particular attention. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-436. The Christian Sacraments. 3.00 Credits.

A critical study of the historical development of the Christian sacraments as vital signs and peak moments in the life of the Christian people. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-484. Christian Medical Ethics. 3.00 Credits.

Contemporary questions such as abortion, sterilization, technological reproduction, human experimentation, care of the dying, and genetic engineering, studied in the light of the Judaeo-Christian moral tradition. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-486. Morality in the Marketplace. 3.00 Credits.

Engage in the study of comparative religious economic thought, learn to apply religious ethical principles to decision-making processes in business, and critically assess the economic realities of the marketplace. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-489. International Travel Course. 3.00 Credits.

International Travel Course. Additional travel course fee of \$50. Prerequisites: TH-110 OR TH-120; Course Type(s): International (Travel).

TH-495. Theology Capstone. 3.00 Credits.

This course is a guided research paper on a topic of the student's choice which fulfills the Capstone Course/Project requirement for a major in Theology. Prerequisites: TH-110 OR TH-120; Course Type(s): Capstone.

TH-496. Theology and Urban Problems. 3.00 Credits.

A theological view of the Christian tradition on various contemporary urban problems such as poverty, injustice, racism, sexism, housing, unemployment. A study of some actual and possible responses to these problems. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-498. Seminar on Death and Dying. 3.00 Credits.

A multi-disciplinary study of the experience of dying as shaped by contemporary attitudes. Theological reflection on the perennial mystery of death, and ethical issues surrounding death and dying. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

TH-499. Theology and Contemporary Public Issues. 3.00 Credits.

Deals with the theological implications of various contemporary environmental and ecological issues: nuclear energy, pollution, nutrition, world hunger, genetics. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

UR Courses**UR-126. Intro Public Policy Social Act. 3.00 Credits.**

This course is an introduction to the public policy and will answer the following questions: What is public policy? Who makes public policy? What impact does public policy have on our lives? The course examines the relationship between public policy and social action.

UR-137. Nonviolence Community Org. Social Move. 3.00 Credits.

A study of violence and human nature the theory and practice of nonviolence, how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers, including Gandhi, Martin Luther King, Dorothy Day and many others.

UR-151. The Contemporary City. 3.00 Credits.

Basic Urban Studies Course. Historical development of urbanization and industrialization in America. Problems of urban development, including housing, environment, crime, race, ethnicity, and class.

UR-202. Urban Music: Jazz to Hip-Hop. 3.00 Credits.

This course studies the history of urban music from jazz to rock and roll up to today's urban sounds. The course will concentrate both on the music and its socioeconomic impact on the urban landscape. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

UR-220. Urban Architecture & Design. 3.00 Credits.

Using the city as a laboratory, the class will investigate the various shapes that form, and have formed, the urban environment. Prerequisites: SO-121 OR UR-151; Course Type(s): Pluralism.

UR-227. Sociology of Salsa. 3.00 Credits.

This course combines dance lessons with a sociological exploration of New York/New Jersey's salsa scene. Students will learn the fundamentals of salsa music and dance, with a focus on rhythm, timing, musicality and basic steps. Lessons are complemented by discussions and origins of the music as it relates to Latin American and Caribbean history and migration to the northeast. Finally, students will investigate the culture of socials, which are dance parties dedicated to learning and practicing the dance. Class meets two hours per week for lessons and requires a minimum of two additional hours per week of fieldwork TBA. Dance shoes or dance sneakers required. Course Type(s): Pluralism.

UR-235. Harlem Renaissance. 3.00 Credits.

This course examines the period beginning in the 1920's known as the Harlem Renaissance. It was a time when black and white Americans alike discovered the vibrancy and uniqueness of black art, music, and literature. The class will also examine the importance of external forces, both positive and negative. Prerequisites: UR-151 OR SO-121; Course Type(s): Pluralism.

UR-237. Urban Economic Problems. 3.00 Credits.**UR-273. Global Feminisms. 3.00 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality. Prerequisites: SO-121 OR UR-151.

UR-286. Haiti and the Revolution (1791-1804). 3.00 Credits.

This course will examine the Haitian Revolution of 1791-1804 and the formation of the first independent nation in the Caribbean. Course Type(s): Pluralism.

UR-288. The Role of Religion in Social Protest. 3.00 Credits.

This course examines various formal and informal roles of religions in social protest from the New York City uprisings through Black Lives Matter and beyond. Prerequisites: SO-121 OR UR-151 OR AS-177.

UR-300. Wealth Power & Prestige: Soc/Soc Strat. 3.00 Credits.

Classic Theories and recent research on social inequality and mobility. The linkage of class and behavior education in behavior in education, religion and politics is an essential part of the course. This course utilizes a variety of sociological concepts to examine work as a social institution. In addition to the formal analysis offered, participants in the course will have the opportunity to examine their own role in the world of work. Prerequisites: SO-121 OR UR-151.

UR-308. Analysis of Urban Social Class. 3.00 Credits.

Analysis of the processes leading to formation of socio-economic classes in the urban context, including the role of income, wealth, occupation, education, ethnicity, and race. Prerequisites: UR-151 OR SO-121.

UR-309. Women in Changing Urban World. 3.00 Credits.

Historical and contemporary examination of urban revolution as social basis for changing roles of women. Generation of conflicts and possibilities. Implications for society. Prerequisites: UR-151 OR SO-121.

UR-310. American Utopias. 3.00 Credits.

The Utopian ideal from ancient times to the present, emphasizing the urban strand study of urban communities, past and present, workplace ownership, land trusts, co-ops, and garden cities. Prerequisites: UR-151 OR SO-121.

UR-315. Computers for Public Policy. 3.00 Credits.

Course designed to give public sector workers computer literacy with special emphasis on word processing, spreadsheet analysis, computer graphics, etc. Prerequisites: SO-121 OR UR-151.

UR-324. Poverty & Inequality. 3.00 Credits.

Description and analysis of the causes, characteristics and consequences of poverty. Links between poverty and inequality. Measurement of the different dimensions of poverty and inequality. Comparative analysis of poverty and inequality across countries. Poverty reduction policies and strategies. Prerequisites: SO-121 OR UR-151.

UR-326. Community Organization. 3.00 Credits.

This course examines community organizing in terms of what it is, its impact and the obstacles to change. The course focused on how to bring groups together for collective change. Prerequisites: UR-151 OR SO-121.

UR-327. Environmental Politics and Policies. 3.00 Credits.

This course explores the shifting political forces that determine environmental policies. Included is an examination of pressures, interest groups, and the media. Prerequisites: EV-100.

UR-328. Social Work in Urban Systems. 3.00 Credits.

Focuses on the major social welfare systems in America and the field of social work as the profession charged with implementing social welfare today. Prerequisites: SO-121 OR UR-151.

UR-349. The American City through The Wire. 3.00 Credits.

Very few television shows have captured the realities of the American city and the imaginations of the American public more than the Wire. More than a crime drama, the Wire reminds the viewer that all the pieces matter, as each of the five seasons focuses on a particular facet of the city: the illicit drug trade, working class employment, municipal government and bureaucracy, children and the education system, and the print news media. Using the Wire as the primary text, this course will look at the history of American cities, paying close attention to each season's theme. Course Type(s): Pluralism.

UR-353. Black Family. 3.00 Credits.

A look at the historical, political, social, and economic forces that shape the contemporary Black family. Prerequisites: AS-177 OR UR-151.

UR-370. Urban Anthropology. 3.00 Credits.

An exploration of the emergence of urban culture in its present form from its neolithic roots. Emphasis on urban life in the New Jersey area, with reference to the peoples and cultures in urban environments world-wide. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

UR-410. Managing Cross-Cultural Training Skills. 3.00 Credits.

Analysis of cross-cultural training techniques developed to improve relations between people of different cultures. Resources employed are actual techniques currently used by the U.S. State Department, international corporations and international educational organizations. Prerequisites: SO-121 OR UR-151.

UR-412. Ethnicity and Race in Urban History. 3.00 Credits.

Includes the African and European immigrant experiences in America, the effects of slavery and urbanization, and the formation of class consciousness. Prerequisites: SO-121 OR UR-151, AND SO-280 AND SO-384; COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values, Capstone, Writing Intensive, Pluralism.

UR-450. Research Tech: Social Sciences. 3.00 Credits.

Paradigms, theory and research; the nature of causation; research design; conceptualization and measurement; operationalization; indexes, scales and typologies; sampling; types of Social research: experiments, surveys, field research, unobtrusive research, and evaluation research. Emphasis on active learning through exercises, report writing and student projects. Prerequisites: SO-121 OR UR-151 AND SO-280; Course Type(s): Senior Seminar.

UR-451. Soc Issues in Pub Policy I. 3.00 Credits.

An historical examination of social forces and responses, particularly at the grassroots level, which have contributed to our present institutional arrangements. Particular emphasis is given to the effect of social forces on public policy. Prerequisites: SO-121 OR UR-151.

UR-452. Soc Issues in Pub Policy II. 3.00 Credits.

An investigation of public policy issues affecting constituencies in need of social services, such as older citizens, the homeless and those inadequately housed, and those in need of medical care. Prerequisites: SO-121 OR UR-151; Course Type(s): Writing Intensive.

UR-465. Vietnam and the U.S.. 3.00 Credits.

A multidimensional view of the Vietnam era. U.S. involvement in Southeast Asia as a backdrop for an examination of changes in America from the late 1950s to the mid 1970s. Impact of Vietnam on civil rights, youth culture, the women's movement. Prerequisites: SO-121 OR UR-151.

UR-489. Globalization and Fieldwork Seminar. 3.00 Credits.

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings. Specific area and topics determined at the beginning of the Academic Year. Locations change every term. Additional travel course fee of \$50. Course Type(s): International (Travel), Pluralism.

UR-490. Urban Field Work. 3.00 Credits.

Introductory level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: UR-151 OR SO-121; Course Type(s): Senior Seminar.

UR-491. Advanced Urban Field Work. 3.00 Credits.

Advanced level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: UR-151 OR SO-121; Course Type(s): Senior Seminar.

UR-492. Urban Internship. 3.00 Credits.

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: UR-151 OR SO-121; Course Type(s): Senior Seminar.

UR-493. Advanced Urban Internship. 3.00 Credits.

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required. Prerequisites: UR-151 OR SO-121; Course Type(s): Senior Seminar.

UR-494. Senior Seminar in Sociology/Urban Studie. 3.00 Credits.

This capstone course ties together the various components in the Sociology/Urban Studies major as well as prepares graduates for the next level. Restricted to Juniors and Seniors in the Public Policy Program. Prerequisites: SO-121 OR UR-151.

UR-496. Theology and Urban Problems. 3.00 Credits.

A theological view of the Christian tradition on various contemporary urban problems such as poverty, injustice, racism, sexism, housing, unemployment; a study of some actual and possible responses to these problems.

Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

UR-498. Special Topics. 3.00 Credits.

UR-499. Theo and Cont Public Issues. 3.00 Credits.

Deals with the theological implications of various contemporary environmental and ecological issues: nuclear energy, pollution, nutrition, world hunger, genetics. Prerequisites: COMPLETE 6 CREDITS: 1 COURSE FROM COURSES PL-130 PL-140 AND 1 COURSE FROM COURSES TH-110 TH-120; Course Type(s): Values.

YS Courses

YS-122. Nutrition in Health and Disease. 3.00 Credits.

This course will explore a wealth of current information surrounding optimal nutrition and its association with disease prevention. Students will learn how to develop and implement a personal diet plan utilizing relevant nutritional recommendations and research for the enhancement of health and well-being.

YS-161. Introduction to Youth & Family Studies. 3.00 Credits.

This course introduces students to understandings of and engagement with youth and family development in their broader social, cultural, historical, and political contexts.

YS-202. Fundamentals of Coaching. 3.00 Credits.

An overview of current coaching theory and practice with a special emphasis on the scientific literature depicting best practices and professionalism. In addition, course content will include pedagogy, ethics, the physiological and psychological aspects of athlete development and approaches to teaching technical and tactical skills. This course includes field experience and active learning modules.

YS-295. Credited Internships. 3.00 Credits.

YS-496. Senior Project. 3.00 Credits.

In this capstone course, students design and implement a project that applies research, theory and practice in youth and family development to contribute to local or national efforts in support of youth and families. Course Type(s): Capstone, Senior Seminar.

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