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# Undergraduate

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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 College or School dean for current information. The contents of this Catalog do not constitute a contract between Saint Peter's University and the students.

The material herein applies to the 2016-2017 academic year.

## **Main Campus**

2641 Kennedy Boulevard Jersey City, NJ 07306 (201) 761-6000

## **Englewood Cliffs Campus**

Hudson Terrace Englewood Cliffs, NJ 07632 (201) 761-7898

[www.saintpeters.edu](http://www.saintpeters.edu)

# Introducing Saint Peter's University

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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, founded in 1872, is a Jesuit, Catholic, coeducational, liberal arts university in an urban setting which seeks to develop the whole person in preparation for a lifetime of learning, leadership, and service in a diverse and global society. Committed to academic excellence and individual attention, Saint Peter's University provides education that is informed by values, primarily in degree-granting programs in the arts, sciences, and business, to resident and commuting students from a variety of backgrounds.

## 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. The teacher preparation program is accredited by the Teacher Education Accreditation Council. 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 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 3,000 full-time and part-time students are enrolled in undergraduate and graduate programs at the main campus in Jersey City and the branch campus in Englewood Cliffs.

## Profile of Two Campuses

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 & Continuing Studies (SPCS) 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.

In 1975 Saint Peter's established a branch campus at Englewood Cliffs in Bergen County with a special emphasis on the branch as "a college for adults." The campus, located on the Palisades one mile north of the George Washington Bridge, offers degree programs in the late afternoon, evening, and on Saturdays for adults who must attend college part-time.

## 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 eleven degree programs: Master of Arts in Education, Master of Arts in Strategic Communication, Master of Business Administration, Master of Public Administration, Master of Science in Accountancy, Master of Science in Cyber Security, Master of Science in Data Science with a concentration in Business Analytics, 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, 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 Strategic Communication** 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 Finance, Health Care Administrator, Human Resource Management, International Business, Management, Management Information Systems, 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 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 with a concentration in Business Analytics** 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 Nursing** offers two specializations: Primary Care Adult-Gerontology (Adult-Gerontology Nurse Practitioner) and Case Management 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.

**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 Libraries 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 at the branch campus at Englewood Cliffs holds an additional 30,000 volumes. The libraries subscribe to 1,000 print periodicals and over 50,000 online periodicals including 13,800 e-books. The Libraries offer 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. Both libraries are fully automated. Their combined catalog and

links to many important resources are available on the Internet at: <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 interlibrary 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 are the services of a Center for Personal Development, which assists students with their social, psychological, and academic adjustment to college; an Office of Career Services 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 Student Activities Office 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 Pauw Wow* (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 19 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, tennis, track and field (indoor), and track and field (outdoor). The 10 NCAA Division I sports for women are: basketball, bowling, cross country, soccer, softball, swimming and diving, tennis, 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

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 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.

### **Objective 1: Develop intellectual and communication skills so that one is able to:**

- Outcomes: Problem solve and analyze quantitative information.
- Formulate, critique, and analyze an argument.
- Utilize effective critical thinking skills.
- Read and write critically and cogently.
- Synthesize knowledge from the core to major.

### **Objective 2: Explore humanistic and social disciplines in order to:**

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

### **Objective 3: Explore scientific disciplines and technology in order to:**

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

### **Objective 4: Exhibit leadership based upon one's ability to:**

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

The core curriculum for the Bachelor's degree for students entering prior to fall 2012, consists of 57 specified credits plus a three-credit Values course. Beginning in fall 2012, a series of distribution requirements were phased in. The core curriculum for the Bachelor's degree for students who entered in fall 2012, consists of 54-57 specified credits plus a Values course and a Capstone Experience that, for most students, will be satisfied within the major. The core curriculum for the Bachelor's degree for students who entered in fall 2013, consisted of 54-57 specified credits, plus a Values course, a Capstone Experience, and a second Writing Intensive course that, for most students, will be satisfied within the major. The core curriculum for the Bachelor's degree for students who entered in fall 2014, consists of 54-57 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 and the appropriate dean's office.

In their first semester of enrollment, all freshmen must register for courses in English composition and 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 Dean for CAS/SBA students or the Dean of the School of Professional & Continuing Studies for SPCS students.

## Core Requirements for Traditional Day Students

### English Composition (3 or 6 credits, depending on placement) <sup>1</sup>

Take one of the following sequences in freshman year:

CM-104 & CM-115	Introduction to English Composition and Introduction to English Composition II	
CM-106 & CM-117	Introduction to English Composition and Introduction to English Composition II	
CM-120	English Composition	

### Literature (6 credits) <sup>2</sup>

EL-123	Forms of Literature: Poetry and Drama	3
EL-134	Fiction	3

### Fine Arts (3 credits)

Take one of the following courses: 3

AR-127	Introduction to the Visual Arts	
AR-128	Introduction to Music	

### History (6 credits)

HS-121	The Western Tradition	3
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Take one of the following courses: 3

HS-122	World Perspectives in History	
HS-123	Special Topics in History	

### Mathematics (6 or 8 credits) <sup>3</sup>

Take one of the following sequences, based on major requirements 6

MA-102 & MA-103	Mathematics for the Humanities I and Mathematics for the Humanities II	
MA-105 & MA-106	Elementary Applied Mathematics and Introduction to Probability and Statistics	
MA-108 & MA-109	Mathematics for Educators I and Mathematics for Educators II	
MA-115 & MA-212	Mathematics for the Health Sciences and Elementary Statistics	
MA-123 & MA-124	Elementary Calculus I and Elementary Calculus II	
MA-132 & MA-133	Statistics for the Life Sciences and Calculus for the Life Sciences	
MA-143 & MA-144	Differential Calculus and Integral Calculus	

**Modern or Classical Language (6 credits)**<sup>4</sup>

Take one of the following sequences, based on prior language experience:	6
Introductory Language I (for those with no prior experience with the language) and Introductory Language II	
Intermediate Language I (for those with previous experience with the language) and Intermediate Language II	
Intermediate Language I for Native Speakers and Intermediate Language II for Native Speakers	
Upper level language course (with permission of the Chair) and Upper level language course	
Intensive (6 credit) language course	
Romance Language Synthesis I and Romance Language Synthesis II	
Sign Language I and Sign Language II	

**Natural Science (6 credits)**

Take one course in Biology (BI-), Chemistry (CH-), or Physics (PC-).	3
Take one course in Biology (BI-), Chemistry (CH-), Physics (PC-), Psychology (PS-), Computer Science (CS-), EV-100, or EV-101.	3

**Social Sciences (6 credits)**<sup>5</sup>

Choose two courses with different prefixes:	6
EC-101                      Macroeconomic Principles	
PO-100                     Perspectives on Politics	
SO-121                     Introduction to Sociology	
or SO-384              Cultural Anthropology	
or SO-351              Issues in the Latino Community	
UR-151                     The Contemporary City	
or UR-228              Demographic Trends and Urban Change	
or UR-312              Media and Urban Environment	

**Philosophy (6 credits)**

Students should take philosophy courses after the freshman year unless advised otherwise by their academic advisor.	
PL-100                     Introduction to Philosophy I	3
PL-101                     Introduction to Philosophy II	3

**Theology (6 credits)**

TH-110                     Religious Faith in the Modern World	3
TH-120                     Intro to the Study of Christianity	3

**Values Distributive Requirement**<sup>6</sup>**Capstone Experience (required for students graduating in May 2016 and after)**

Take a designated Capstone Experience within the major.	3
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**Writing Intensive (3 credits, required for students graduating in May 2017 and after)**

Take a designated Writing Intensive course. Depending on the major, this course may be a required course for the major as well.	3
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**Pluralism (3 credits, required for students graduating in May 2018 and after)**

Take a designated Pluralism course. Depending on the major, this course may be a required course for the major as well.	3
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Total Credits	60
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<sup>1</sup> The appropriate level of composition course is determined by a placement test. The prerequisites for CM-115, CM-117, or CM-119 are CM-104, CM-106, or CM-108 Introduction to English Composition I, respectively. The prerequisite may be applied towards open electives but may not be used for core credit. Some students may be required to take CM-001 Basic Writing or CM-002 Basic English (no credit) before registering for CM-104, CM-106, or CM-108. All students placed in CM-108, and some placed in CM-001, must take CM-050 Spoken Word.

<sup>2</sup> Students must complete the English Composition Requirement before registering for EL-123 or EL-134.

- <sup>3</sup> Many majors require a particular mathematics core sequence; students should consult with their major advisor before choosing a mathematics sequence. Students who do not demonstrate a satisfactory level of proficiency, based on the results of a placement exam, will be required to take an appropriate developmental math course before taking the Mathematics Core Requirements. Insufficiently prepared non-calculus bound students will be required to take MA-001 Introductory Algebra (0 credit), while calculus-bound students will be required to take either MA-101 Precalculus or both MA-001 and MA-101. Students in the developmental courses will be required to pass an exit examination to continue on to the next appropriate math course.
- <sup>4</sup> A 6-credit sequence of a modern or classical language is required; the level is determined by previous experience in the given language. Language sequences should be taken in the same year.
- <sup>5</sup> 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.
- <sup>6</sup> Take a designated Values course (V). Depending on the major, a values course may be required for the major as well.

### Degree Programs

Major and Degree	CAS	SBA	SE	SN	SPCS(JC)	SPCS(EC)
Accountancy (BS)		X				
American Studies (BA)	X					
Art History (BA)	X					
Asian Studies (BA)	X					
Biological Chemistry (BS)	X					
Biology (BS)	X					
Biotechnology (BS)	X					
Business Administration (BSBA) - concentration: Accounting					X	X
Business Administration (BSBA) - concentration: Business Management					X	X
Business Administration (BSBA) - concentration: Healthcare Management					X	
Business Administration (BSBA) - concentration: Marketing Management					X	X

Business Management (AS)			X	X
Business Management (BS)	X			
Chemistry (BS)	X			
Classical Civilization (BA)	X			
Classical Languages (BA)	X			
Clinical Laboratory Sciences (BS) <sup>1</sup>	X			
Communication (BA)	X			
Computer Science (BS)	X			
Criminal Justice (BA)	X		X	X
Economics (BA, X BS)				
Elementary Education (BA) <sup>2</sup>		X		
English Literature (BA)	X			
Finance (BS)	X			
Fine Arts (BA)	X			
Graphic Arts (BA)	X			
Health & Physical Education (BS)		X		
Health Information Management (BS) <sup>1</sup>	X			
Health Sciences (AAS) <sup>2</sup>	X			X
History (BA)	X			
Humanities (AA)			X	X
Humanities (BPS)			X	X
Interdisciplinary Studies (BPS)			X	X
International Business (BS)	X			
Latin American Studies (BA)	X			

Marketing Management (AS)					X	X
Marketing Management (BS)		X				
Mathematical Economics (BA)	X					
Mathematics (BS)	X					
Modern Languages (BA)	X					
Natural Science (BS)	X					
Nursing (BSN) <sup>3</sup>				X		
Philosophy (BA)	X					
Physics (BS)	X					
Political Science (BA)	X					
Psychology (BS)	X					
Public Policy (AAS)					X	
Social Sciences (AA)					X	X
Social Sciences (BPS)					X	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					

<sup>1</sup> Offered in conjunction with Rutgers University School of Health Related Professions.  
<sup>2</sup> Available only to students enrolled in the diploma program at partner institutions.  
<sup>3</sup> The BSN generic program is offered in JC and the RN to BSN program is offered in EC.

**Minor Programs**

Program	CAS	SBA	SE	SN	SPCS(JC)	SPCS(EC)
Accountancy		X				
Africana Studies	X					
Anthropology	X					

Art History	X			
Asian Studies	X			
Biology	X			
Business Law		X		
Business Management		X	X	X
Chemistry	X			
Classical Civilization	X			
Classical Languages	X			
Communication	X			
Computer Science	X			
Criminal Justice	X		X	X
Economics	X			
Education - Secondary			X	
English	X			
Environmental Sciences	X			
Finance	X			
French	X			
Gender and Sexuality	X			
Graphic Arts	X			
Healthcare Management			X	
History	X			
International Business		X	X	X
Italian	X			
Journalism	X			
Latin American Studies	X			
Management Information Systems	X			
Marketing Management		X	X	X
Mathematics	X			
Music	X			
Philosophy	X			
Physics	X			
Political Science	X			
Psychology	X		X	X
Social Justice	X		X	
Sociology	X		X	X
Spanish	X			



Sports	X			
Management				
Theater Arts	X			
Theology	X			X
Urban Studies	X		X	
Visual Arts	X			

## Special Academic Resources

### Freshman Advising and the First Year Experience

Dr. Nicole DeCapua, *Dean of Freshmen and Sophomores*

The freshman advising and First Year Experience Program provide the opportunity for first-year students to become active in the Saint Peter's University community, develop a clear sense of identity, and articulate their personal and academic goals as they learn to become *men and women for others*.

First-year students are advised by full-time faculty members who have received extensive academic advising training, and offer expertise in a variety of major disciplines. This relationship is further enhanced by enrollment in the Freshman Seminar, which all first year students are required to take during the fall semester. These special course sections are taught by the first-year faculty advisors, and are limited to first-year students only. They are also restricted in size so to enhance the faculty-student relationship. After the first year, students receive academic advising from an advisor in their major department, or if undeclared, students are advised by a faculty or professional advisor who specializes in advising undecided students.

In addition, the Saint Peter's first year programs include a two-day Summer Orientation; peer mentorship programs (GEMS), first-year student workshops (STEP-UP), and a common reading program. These programs are designed to promote a smooth transition from high school to college, serve to enhance basic and critical learning skills required for college success, help students to acclimate and connect to critical offices and members of the University community, integrate co-curricular activities with the classroom experience, and provide overall support during the first year. Detailed information regarding all first-year programming is located on the University's website.

In addition, the Saint Peter's first year programs include a one-day Peacock Prep Day, Weekend Orientation, peer mentorship programs (GEMS and STEP-UP), first-year student workshops, and a common reading program. These programs are designed to promote a smooth transition from high school to college, enhance basic and critical learning skills required for college success, help students to acclimate and connect to critical offices and members of the University community, integrate co-curricular activities with the classroom experience, and provide overall support during the first year. Detailed information regarding all first-year programming is located on the University's website.

### Advising Center

Faculty advisors staff the Academic Advising Center, which provides students with additional assistance regarding class scheduling, registration, course guidance and general academic questions.

### Academic Success Program (ASP) and Summer Academy

Tushar Trivedi, *Director*

Students who are conditionally admitted have access to supplemental academic assistance prior to and during freshman year through the Academic Success Program (ASP). ASP students are identified by Admissions as having the potential for success but may require extra support to reach that potential. A key component of ASP is the Summer Academy, a three-week intensive program, designed to facilitate the transition from high school to college—in which students take an engaging, interdisciplinary course to sharpen their reading, writing, and math skills, while earning three academic credits towards graduation. Students are placed in ASP learning labs in the fall semester of freshman year to reinforce study skills and time management and receive dedicated faculty advising. The Coordinator of the Program also assists the Dean of Freshmen and Sophomores and freshmen faculty advisors throughout the academic year in monitoring the academic performance of these students and provides students with personalized guidance and support. The ASP program also offers tutoring services, workshops, and community service learning projects. Additional assistance is available through the orientation program, developmental courses, and tutorial assistance provided by the Center for the Advancement in Language and Learning (CALL).

### 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 the Advancement of Language and Learning. These developmental courses do not carry academic credit and may not be applied towards degree requirements.

## **The Center for Advancement In Language and Learning (CALL)**

Barbara Melchione, *Director*

The Center for Advancement in Language and Learning (CALL) provides tutors and supplemental academic instruction for students. CALL staff train student tutors who maintain a high grade point average and are approved by a subject-area professor. The Center offers assistance in writing and mathematics as well as certain other subjects. Help with study skills, reading improvement, and all phases of research paper development is also available.

## **Center for English Language Acquisition and Culture (CELAC)**

Alicia D'Amato, *Director*

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.

## Special Academic Programs

### The Honors Program

Dr. Daniel Murphy and Dr. Rachel Wifall, *Directors*

The Honors Program provides superior students in the CAS/SBA at the Jersey City Campus with an opportunity to take more challenging courses and do extensive scholarly research. The program includes research seminars, colloquia, and special seminars in place of certain courses in the core curriculum. For more information consult the Honors Program section.

### 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 (cytotechnology and medical laboratory science), and Pre-Professional Health-Related Programs (pre-physical therapy, pre-pharmacy, and pre-physician assistant). 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 Program

Dr. Alain L. Sanders, *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 the Pre-Law Program. 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

Dr. Alain L. Sanders, *Liaison*

The Saint Peter's University Washington Center Internship Program, administered by The Guarini Institute through the Department of Political Science, 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 in business, accountancy, public administration and education. 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**

Scott Keller, *Director*

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**

Daniel Murphy, *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**

Leila Sadeghi, *Executive Director*

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 way is by taking 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; (SPCS only)
7. Evaluation of certain non-collegiate programs taken under the aegis of the Armed Forces and/or some 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.

### 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.

### 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 academic 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 SPCS 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 66 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. No student will be given a diploma until all financial and property obligations with Saint Peter's University have been satisfied.

### 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.

### The Double Major

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. A form for this purpose is available in the Enrollment Services Center. All courses requisite and cognate for each major must be completed. At least one-half of 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. 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:

1. 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.
2. 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.
3. 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.
4. 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.

## 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 with the Registrar, and pay the graduation fee.

## Commencement

Students that graduated last December or expect to complete their remaining program requirements in 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 or completed a Commencement Contract with the appropriate Dean indicating the program requirements that are still outstanding for degree completion. Exceptions to the credit requirement will be permitted for students in the School of Education who need to complete student teaching in the Fall term. To qualify for Commencement Awards, all program requirements must be successfully completed in 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. Online advisor's approval of courses is required before a student may register for any term. Registration dates for each term are published online in the Academic Calendar. Formal registration is not complete until the student's financial obligation has been satisfied.

### **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 year of study, when a student formally declares a major, he/she will be referred to the appropriate department for advisement. Students with multiple majors or minors will be assigned an advisor for each and must consult with all prior to registration for each term. (Even if first-year students declare a major, they continue to be advised by their freshman advisor through the spring term.)

### **Advisement for SPCS Students**

Adult students at both campuses of Saint Peter's University/SPCS division have advisors available to them throughout their academic career. The advisor's approval of courses is required before a student may register for any term. Registration dates for each term are listed in the annual Academic Calendar which appears in the course schedules published for each term. Students who register after the official registration periods noted in the Academic Calendar must pay a late registration fee.

### **Administrative Deregistration**

Students may be administratively deregistered from some or all of their courses if they fail to complete by published deadlines appropriate forms and processes required to properly register for courses, if they fail to complete by published deadlines all requested financial forms and arrangements with the University, if they lack appropriate course prerequisites, or if they fail to attend class.

### **Registration Between Schools**

SPCS students may not register for semester courses. Students in semester-based programs may not register for winter trimester courses. Traditional day students are not permitted to take more than two quad courses. First year students are not allowed to register between schools.

## **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 /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 traditional day fall and/or spring semesters. Full-time students are expected to enroll for a minimum of 12 credits per term.

### **SPCS Status**

Students enrolled on a quad basis, typically part-time. 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.

### **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 appropriate dean and the instructor to attend the sessions of a particular 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 quad. 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 quad.

## 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

## Tutorials

A tutorial 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 tutorials 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 each term, i.e., two tutorials in any academic year and one in the summer.

Tutorials 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. Tutorials are not available to students as a means of replacing a grade in a course previously taken. Tutorials 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 must be completed prior to the end of the appropriate add period.

## Adding/Drop Courses

Students may add or drop courses by obtaining online approval from their academic advisor. Once they are approved by their advisor, the student can add/drop on SPIRIT online.

## Adding Courses

Courses may be added only within the period of time stated in the Academic Calendar.

## Withdrawing from Courses

Students may withdraw from courses until the date published in the Academic Calendar. The advisor's signature is needed on the Course Withdrawal Request form. Unless the withdrawal is within the 100% refund period, all courses from which a student withdraws remain a part of the academic record. Withdrawal is not complete, and a grade of WD is not assigned, until the Course Withdrawal Request form is filed. The designation WD is final and will be used

in place of a grade. Students who stop attending class and neglect to file a Course Withdrawal Request form may be assigned a grade of FA. See the Tuition and Fees section for information regarding possible refunds related to course withdrawal.

## **Declaration of Major**

Students must formally declare an academic major by the time that 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 major declaration form.

## **Change of Major**

Students wishing to change their major field should complete a major declaration form and obtain the approval and signature of the chairperson of the new department and the appropriate dean. SPCS students should obtain the approval and signature of the Dean of SPCS.

## **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 or tutorials. 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.

## **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.

## **First-Year Students**

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**

Sophomores, juniors and seniors in good academic standing may enroll in up to 18 credits in a given term. 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.

- They have attained a cumulative grade point average of 3.0.
- They have their advisor's approval.
- The appropriate dean grants approval after careful assessment of the reasons for the additional credit load and the student's ability to successfully complete all courses.

## **Student on Academic Probation or Suspension**

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

## **Change of Session or Campus**

Students attending one session or campus of the University may transfer to another session or campus by contacting the appropriate dean of the new session or campus.

## **Traditional Day Students Enrolling in SPCS 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 and Continuing 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 their advisor and the SPCS dean;
- They will not have exceeded a total of six credits in the Academic year in SPCS courses (excluding Janmester courses) and no more than three credits in any given term;
- They may not take courses in the winter trimester/term.
- Students with a GPA below 2.0 are not permitted to enroll in online courses.

## **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 describe 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 a required form available from Enrollment Services. With the form, the student must supply the course description from the other college's catalog or webpage. 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, a student must supply Enrollment Services with a transcript indicating a grade of C (2.0) or better.
3. The grade is recorded on the Saint Peter's transcript for information only and is 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 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. 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**

The interaction in the classroom among students and faculty is a vital part of the learning experience. Students are required to attend classroom and laboratory sessions regularly and promptly. 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 SPCS 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 SPCS students) must notify the appropriate dean who will inform the faculty as a service to students. Traditional day students must notify either the Dean of Upperclassmen or the Dean. Students attending evening classes in Jersey City must notify the office of the Dean of the School of Professional and Continuing Studies (SPCS). Englewood Cliffs 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 SPCS 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 SPCS 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
FA	0.0 Student never attended or stopped attending course 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

## Pass/Fail Option

Any student, except those in their first semester with less than six earned credits, is 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 SPCS 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.

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.

Appropriate forms for the option must be filed with Enrollment Services 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.

## **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 six weeks after the start of the next term or quad to complete the course work. SPCS students who receive IC's in the second spring session must complete the required work within six weeks of the start of the summer term. CAS/SBA students who receive an IC for any of the summer sessions will have six weeks after the start of the fall term to complete the necessary course work. At the end of the six weeks, the grade of IC will automatically change to an F unless the instructor has submitted another grade.

## **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 become IC grades.

## **Change of Grade**

A change of grade can only be initiated by the instructor of a course who must present a written request to the dean for approval. Such changes are made in unusual 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.

## 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.

## Transcripts

A transcript is an official record of courses taken, credits earned, and grades received. The Enrollment Services Center 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 Enrollment Services Center. Students with SPIRIT online access may view their unofficial transcripts online; students who do not have access to SPIRIT online must request an official transcript. No transcripts or certifications will be released to students who have unpaid financial obligations to the University.

## 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. This policy applies to both undergraduate and graduate students.

**In order that the University may make appropriate and reasonable arrangements, students with disabilities should identify themselves to the appropriate dean or graduate program director and supply adequate supporting documentation.**

In compliance with the Americans with Disabilities Act of 1990, the University will make reasonable accommodations for students with learning disabilities. These accommodations may include allowing students additional time to complete examinations, permission to tape record lectures, relocation of a class to a classroom with optimal accessibility, assisting students in obtaining books on tape, or other reasonable accommodations. Accommodations are intended to be provided in accord with each student's particular disability. Admitted students with learning disabilities are strongly encouraged to discuss their educational needs and objectives with the appropriate University official (appropriate dean or graduate program director) prior to enrolling. Those students wishing to request accommodations must provide adequate supporting documentation not more than three years old and notify the appropriate dean or director.

After a student supplies supporting documentation, the appropriate University official completes an Approved Accommodations Request Form. The appropriate University official evaluates this request in light of the documentation provided, indicates the accommodations that are approved for the particular student, and signs the

form. It is then entirely the student's responsibility to present a signed copy of this form to the instructor of each class in which the student has an approved accommodation. For each semester that the student has approved accommodations, the approved accommodations will only take effect in a specific class after the student has given the professor a copy of the Approved Accommodations Form, signed by the appropriate University official. Should the student delay in providing copies of the form to his/her professors, the implementation of the approved accommodations will be delayed. No approved accommodations will be applied retroactively; they are only applied in a given class after a faculty member has been given the appropriate form as described.

Traditional day students with approved accommodation(s) in a particular course are required to pick up their accommodation letters from the appropriate dean's office. The dean's office will notify students via email when the letters are ready. Students will then sign a form indicating that they have received their letters, and it is the student's responsibility to distribute the accommodation letters to each of their professors.

As members of the Saint Peter's University community, students with learning disabilities have access to the University's academic support services, including the Center for Personal Development and the Center for Advancement in Language and Learning (CALL).

The University recognizes that physically challenged students may require services adapted to their special needs. Physically disabled students are also encouraged to contact the appropriate dean or director to discuss their particular needs. Accommodations may include scheduling or rescheduling classes to barrier-free classrooms or contacting faculty to inform them of the individual or general needs of disabled students.

## **Official Written Communication to Students/Change of Address**

Official University notifications to a student are sent to the student's official address on record. It is each student's responsibility to regularly check his/her mail, and to notify Enrollment Services immediately of any change in address. 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 a form in the Enrollment Services Center. Legal documentation must be submitted, e.g. a marriage certificate, divorce decree, or court order indicating the change of name.

## **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 SPCS 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 Saint Peter's students with a cumulative GPA below 1.8, and all other students below 2.0, are provided a serious warning and are required to participate in the University's Academic Recovery Program. These students may be restricted from participating in certain co-curricular activities that require a significant investment of time and that may thus detract from a student's ability to improve academic standing. Such activities include but are not limited to

intercollegiate athletics and leadership participation in student government or other campus organizations. Exception to these restrictions may be granted, where appropriate, by an academic dean.

## 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 SPCS 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 SPCS 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/or Voluntary Withdrawal 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.

### Leave of Absence

Students who are obliged to discontinue their studies temporarily should notify the appropriate dean and the Registrar immediately and file a form for leave of absence; and, if after the period for full or partial refund has passed, will be obligated for the full cost of the semester.

### Voluntary Withdrawal

Any student wishing to withdraw from the University while in good academic standing must secure a Withdrawal form from the Enrollment Services Center and obtain the specified signatures. The date of official withdrawal is the date



when the document is received by the Registrar, unless an end-of-the-term withdrawal is requested. Tuition refund (if any) is based on this date. A notation of withdrawal is made on the student's transcript.

Students who stop attending the University during a term and do not comply with the procedures for voluntary withdrawal 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.

## **Return Procedure**

Students in good academic standing who have been away from the University and whose records are in active status may resume studies by conferring with the appropriate dean who will oversee the procedures for updating their status. Traditional day students must see the appropriate dean. SPCS students who have been away for two terms must see the appropriate dean or 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 Academic Dean, Student Affairs, 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.** Such evidence must be submitted to the Enrollment Services Center (McDermott Hall) in the form of a **Student Insurance Waiver Card** in accordance with the deadlines prescribed in the University's Group Student Accident and Sickness Insurance Program brochure. 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 and the Enrollment Services Center. **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 Request**

### **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 *Spirit Online*. 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 *Spirit Online*, 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 (*Spirit 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**

# College of Arts and Sciences/School of Business Administration

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## 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.

Students should check the Registration Schedules for the courses offered each term. Not all courses listed in this catalog are given every term or every year. Some courses are given every other year. 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 Services
390-398	Independent Study, Research Projects, etc. (courses involving 1:1 student/faculty ratio)
399	Tutorials (arranged on 1:1 basis to cover requirements needed for graduation that cannot be met by the regular course schedule in the student's graduation year)
490-499	Seminars for groups of students, including HP Junior and Senior elective seminars and departmental internships.

## 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	Accountancy
AF	Africana Studies
AN	Asian Studies

AR	Fine Arts
BA	Business Administration
BC	Biological Chemistry
BI	Biology
BL	Business Law
BT	Biotechnology
CC	Classical Civilization
CH	Chemistry
CJ	Criminal Justice
CM	Composition
CN	Chinese
CS	Computer Science
CU	Communication
EA	English Acquisition
EC	Economics
ED	Education
EE	Elementary Education
EL	English
ES	Environmental Science
EV	Environmental Studies
FN	Finance
FR	French
GK	Greek
GM	German
HC	Health Care (Science-based)
HD	Hindi
HE	Health Education
HP	Honors Program
HS	History
IS	Information Science
IT	Italian
JN	Journalism
JP	Japanese
KO	Korean
LA	Latin
LS	Latin American & Latino Studies
LW	Law
MA	Mathematics
ML	Modern Languages
NS	Natural Science
NU	Nursing
PC	Physics
PE	Physical Education
PG	Portuguese
PL	Philosophy
PO	Political Science
PS	Psychology
RD	Reading



RS	Russian
SE	Secondary Education
SM	Sports Management
SJ	Social Justice
SO	Sociology
SP	Spanish
TH	Theology
UR	Urban Studies
WS	Gender and Sexuality

## Department of Accountancy and Business Law

Dr. Lori Buza, *Chairperson*

The Department of Accountancy offers a major in Accountancy and minors in Accountancy and Business Law.

### Requirements for Accountancy 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
BL-161	Introduction to Law and Contracts	3
BL-162	Agency and Business Organization	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 AC electives		6
Choose 2 Electives with prefixes: BL,IS,BA,FN		6
<b>Total Credits</b>		<b>60</b>

#### Special Notes on Core Curriculum Requirements

- <sup>1</sup> CS-150 Introduction to Computers and Information Processing is highly recommended as part of their Natural Science Core Requirement.
- <sup>2</sup> 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 and 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.
- <sup>3</sup> In order to sit for the CPA Examination in New York State students need to take MA-105 Elementary Applied Mathematics and MA-106 Introduction to Probability and Statistics for the Mathematics Core Requirement.

#### Special Notes on Major Requirements

- <sup>1</sup> Students desiring to major in accountancy must take the entire program prescribed. At the end of freshman year, students will be approved for the concentration in accountancy provided they have a 2.5 average in AC-151 and AC-152. Students should consult with their professor in AC-152, or with their department mentor, concerning their qualifications for this concentration.
- <sup>2</sup> In order to satisfy some of the requirements needed to sit for the CPA Examination in the State of New Jersey, a total of 30 accounting credits and 12 business elective credits must be completed. Business electives may be selected from courses in accountancy, business law, economics, information science, and business administration. In addition, New York State requires Statistics (3 credits) which must be taken as part of the Core Mathematics Requirement. (Note that EC-300 Statistics for Business, Finance and Economics does not satisfy this requirement.) Students who expect to sit for the CPA Examination in another state should verify the specific academic requirements of that state.
- <sup>3</sup> All Accountancy majors are required to maintain a 2.5 average in major courses.

**Requirements for a Minor in Accountancy**

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- or BL-	Accountancy or Business Law Electives	6
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Total Credits		18

**Requirements for a Minor in Business Law**

BL-161	Introduction to Law and Contracts	3
BL-162	Agency and Business Organization	3
BL-241	Real and Personal Property	3
BL-251	Uniform Commercial Code	3
LW-155	Seminar in Contemporary Legal Issues	3
One Business Law Elective		3
<hr/>		
Total Credits		18

# 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-443	Black Theology <sup>1</sup>	3
AS-490	Seminar in Africana Studies	3
Select 3 of the following:		9
LS-101	Introduction to Latin America and Latino Studies	
SJ-130	Introduction to Nonviolence	
UR-202	Urban Music: Jazz to Hip-Hop	
AR-231	Egyptian Art	
SO-224	Black Hair and Identity in America	
LS-227	Sociology of Salsa	
HS-273	The Islamic World 622-1800	
AR-240	Cultural Diversity in Art	
UR-333	Black Community and the Law	
LS-351	Issues in the Latino Community	
AS-352	Minority Group Relations	
SO-360	Intercultural Relations	
PO-410	Political Development	
UR-412	Ethnicity and Race in Urban History <sup>1</sup>	
PO-422	Comparative Politics: Middle East and North Africa	
ED-428	Literature, Culture and Society Issues of West Africa	
EC-452	Economic Development	
UR-460	The U.S. Civil Rights Movement	
TH-496	Theology and Urban Problems	
AR-499	Short-Term Study Abroad (Travel Course)	
Total Credits		18

<sup>1</sup> Values 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. Students may major in American Studies or choose a Composite Major with 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

HS-231	Main Currents in American History I	3
HS-232	Main Currents in American History II	3
Select two of the following in American Literature:		6
EL-347	The American Novel Before 1900	
EL-348	American Literature to 1870	
EL-351	American Literature From 1870	
EL-353	The American Short Story	
EL-356	Modern American Poetry	
EL-357	The American Novel Since 1900	
EL-359	African-American Writers	
Interdisciplinary Electives (one course from five of the following groups)		15
AM-XXX	Capstone Course	3
Total Credits		30

### 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	New York Theatre Live	3
AR-425	Women in Art	3
AR-274	American Stage and Broadway Musicals	3
AR-293	Today's Film Scene	3

#### Group 2

CJ-165	Introduction to Criminology	3
CJ-170	Introduction to Criminal Justice	3
CJ-175	Introduction to Law Enforcement	3
CJ-199	Fundamentals of Criminal Law	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	Cops, Crime and Cinema: Criminal Justice in Film	3
CJ-390	Criminal Law	3
CJ-420	Drugs, Society and Human Behavior	3
CJ-485	Child Protection Agencies and the Law	3
<b>Group 3</b>		
CU-213	Advertising and the New Media	3
CU-256	The Horror Film	3
CU-282	Science Fiction Film	3
CU-285	Gender and Communication	3
<b>Group 4</b>		
EC-324	Poverty and Inequality	3
EC-351	American Economic History	3
<b>Group 5</b>		
ED-160	Education and Schooling in a Multicultural Society	3
ED-390	Innovative Projects in Education I	3
<b>Group 6</b>		
EL-347	The American Novel Before 1900	3
EL-348	American Literature to 1870	3
EL-351	American Literature From 1870	3
EL-353	The American Short Story	3
EL-356	Modern American Poetry	3
EL-357	The American Novel Since 1900	3
EL-359	African-American Writers	3
EL-421	Fiction and Film	3
EL-493	Film Noir: Dark Side of American Film	3
<b>Group 7</b>		
HS-314	The World Wars	3
HS-450	Colonial Experience to 1763	3
HS-452	American Revolution and Federalist Era 1763-1800	3
HS-459	The Era of the Civil War	3
HS-464	History of American Immigration	3
HS-468	American Republic 1919-1945	3
<b>Group 8</b>		
PL-285	American Philosophy	3
<b>Group 9</b>		
PO-201	American Government	3
PO-207	The Mass Media and American Politics	3
PO-215	United States Foreign Policy	3
PO-303	Early American Political Theory	3
PO-304	Recent American Political Theory	3
PO-310	Feminist Political Theory	3
PO-311	Peace and Justice Issues Within Political Theory	3
PO-409	Constitutional Law and Governmental Powers	3
PO-417	Constitutional Law and Civil Liberties	3
<b>Group 10</b>		
SO-208	Sociology of Film	3
SO-224	Black Hair and Identity in America	3

SO-230	Experiencing Social Issues I	3
SO-236	Families in Urban Settings	3
SO-256	Sociology of Sports	3
SO-345	Sociology of Intimacy	3
SO-370	Urban Anthropology	3
SO-385	People and Culture of North America: Native Americans	3
<b>Group 11</b>		
TH-443	Black Theology <sup>1</sup>	3
TH-444	Religious Story of the American People	3
TH-496	Theology and Urban Problems	3
<b>Group 12</b>		
UR-151	The Contemporary City <sup>2</sup>	3
UR-201	Contemporary Social Ideas	3
UR-202	Urban Music: Jazz to Hip-Hop	3
UR-308	Analysis of Urban Social Class	3
UR-309	Women in the Changing Urban World	3
UR-312	Media and Urban Environment	3

<sup>1</sup> May count towards the Core Theology Requirement.

<sup>2</sup> May count towards the Core Social Science Requirement.

### **Special Notes on Major Requirements**

<sup>1</sup> All American studies majors must enroll in the capstone course during their senior year.

<sup>2</sup> For Elementary Education majors who have chosen American Studies as their second major, the capstone project is to develop a two week unit of study on an aspect of American studies that they will teach during their student teaching assignment.



## Department of Applied Science and Technology

Dr. WeiDong Zhu, *Chairperson*

The Department of Applied Science and Technology houses a minor in Physics and majors in Biological Chemistry, 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

Biological Chemistry

Biotechnology

Physics

### Minors

Physics

### Engineering Program

Electrical Engineering (joint degree, see the Physics Program)

## Asian and Asian-American Studies

Jon Boshart, Ph.D. and Rev. Mark Destephano, S.J., Ph.D., *Program Co-Directors*

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
Select one of the following four course sequences: <sup>1,2</sup>		12
Chinese		
AN-113	Elementary Mandarin Chinese I	
AN-114	Elementary Mandarin Chinese II	
AN-165	Intermediate Mandarin Chinese I	
AN-166	Intermediate Mandarin Chinese II	
Japanese		
AN-130	Elementary Japanese I	
AN-131	Elementary Japanese II	
AN-134	Intermediate Japanese I	
AN-135	Intermediate Japanese II	
Select six Asian Studies Courses		18
Total Credits		33

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

<sup>2</sup> 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: <sup>1</sup>		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

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

## Program in Biochemistry

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 <sup>1</sup>	3
BI-185	General Biology I Lab	1
BI-184	General Biology II <sup>1</sup>	3
BI-185	General Biology I Lab (II Laboratory)	1
BI-240	Cell and Molecular Biology	4
BI-240L	Cell and Molecular Biology Lab	0
BC-420	Instructional Methods: Biochemical Analysis I	2
BC-421	Instructional Methods: Biochemical Analysis II	2
BC-390	Special Topics: Biological Chemistry (Capstone)	3
CH-131	General Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
CH-251	Organic Chemistry I	4
CH-251L	Organic Chemistry I Lab	0
CH-252	Organic Chemistry II	4
CH-252L	Organic Chemistry II Lab	0
CH-365	Physical Chemistry I	4
CH-366	Physical Chemistry II	4
CH-442	Biochemistry I	3
CH-442L	Biochemistry I Lab	1
MA-143	Differential Calculus <sup>2</sup>	4
MA-144	Integral Calculus <sup>2</sup>	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		67

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement.

#### Special Notes on Major Requirements

<sup>1</sup> Students are strongly encouraged to take BI-350 Genetics and BI-350L Genetics Lab.

<sup>2</sup> Students in BC-390 must make a formal oral and written presentation of their research.

## Department of Biology

Dr. Michael Held, *Chairperson*

### Requirements for Biology Major

#### Degree of Bachelor of Science

The Biology Department offers a major and a minor in Biology. Biology majors may concentrate in Biology or Forensic Science.

#### Biology Concentration

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

BI-183	General Biology I <sup>1</sup>	3
BI-185	General Biology I Lab	1
BI-184	General Biology II <sup>1</sup>	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 and Molecular Biology Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
BI-310	Ecology	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 Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
MA-132	Statistics for the Life Sciences <sup>2</sup>	3
MA-133	Calculus for the Life Sciences <sup>2</sup>	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

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> 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 <sup>1</sup>	3
BI-185	General Biology I Lab	1
BI-184	General Biology II <sup>1</sup>	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 and Molecular Biology Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
BI-361	Criminalistics and Forensic Science	3
BI-450	Microbiology	4
BI-450L	Microbiology Lab	0
BI-485	Current Issues in Biology (Capstone)	3
CH-131	General Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
CH-251	Organic Chemistry I	4
CH-251L	Organic Chemistry I Lab	0
CH-252	Organic Chemistry II	4
CH-252L	Organic Chemistry II Lab	0
CH-442	Biochemistry I	3
MA-132	Statistics for the Life Sciences <sup>2</sup>	3
MA-133	Calculus for the Life Sciences <sup>2</sup>	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-165	Introduction to Criminology	3
CJ-316	Criminal Evidence	3
CJ-405	Crime Investigation	3
CJ-406	Homicide: Investigation and Prosecution	3
Select one of the following:		1
CJ-486	Internship I (Capstone Experience)	
CJ-487	Internship II (Capstone Experience)	
Total Credits		77

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement.

### 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 and Molecular Biology 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.

# 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 <sup>1</sup>	3
BI-185	General Biology I Lab	1
BI-184	General Biology II <sup>1</sup>	3
BI-186	General Biology II Lab	1
CH-131	General Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
CH-251	Organic Chemistry I	4
CH-251L	Organic Chemistry I Lab	0
CH-252	Organic Chemistry II	4
CH-252L	Organic Chemistry II Lab	0
CH-442	Biochemistry I	3
or BC-492	Biological Chemistry	
BC-420	Instructional Methods: Biochemical Analysis I	2
BC-421	Instructional Methods: Biochemical Analysis II	2
BI-240	Cell and Molecular Biology	4
BI-240L	Cell and Molecular Biology Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
BT-420	Biomedical Applications of DNA Technologies	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 <sup>2</sup>	4
MA-144	Integral Calculus <sup>2</sup>	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		65

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement.

### Special Note on the Core Requirements for Biotechnology Majors

<sup>1</sup> The recommended values course is PL-254 Contemporary Issues in Bioethics.



## **Special Note on Requirements Biotechnology Major Requirements**

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

## Department of Business Administration

Dr. Mary Kate Naatus, *Chairperson*

The Business Administration Department offers a major and a minor in Business Management, Marketing Management, and International 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-325	Ethics: Business and Economic Community	3
BA-458	Business Strategy	3
BA-496	Seminar in Business Administration	3
BA-	Two Electives from the list: Selected Business Electives	6
BA-	Two BA- Electives	6
CS-271	Decision Support Systems <sup>1</sup>	3
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law and Contracts	3
EC-101	Macroeconomic Principles <sup>2</sup>	3
EC-102	Microeconomic Principles	3
PO-100 or SO-121	Perspectives on Politics <sup>2</sup> Introduction to Sociology	3
EC-300	Statistics for Business, Finance and Economics	3
FN-401	Introduction to Corporate Finance	3
Total Credits		60

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> 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-325	Ethics: Business and Economic Community	3
BA-351	Marketing Research	3
BA-458	Business Strategy	3
BA-496	Seminar in Business Administration	3
BA-	Two electives from the list: Selected Business Electives	6
BA-	Two BA- Electives	6
CS-271	Decision Support Systems <sup>1</sup>	3
AC-151	Principles of Accounting I	3

AC-152	Principles of Accounting II	3
BL-161	Introduction to Law and Contracts	3
EC-101	Macroeconomic Principles <sup>2</sup>	3
EC-102	Microeconomic Principles	3
PO-100 or SO-121	Perspectives on Politics <sup>2</sup> Introduction to Sociology	3
EC-300	Statistics for Business, Finance and Economics	3
FN-401	Introduction to Corporate Finance	3
Total Credits		60

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> 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-246	Export Management	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	3
BA-	Two electives from the list: Selected Business Electives	6
BA-	Two BA- Electives	6
CS-271	Decision Support Systems <sup>1</sup>	3
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law and Contracts	3
EC-101	Macroeconomic Principles <sup>2</sup>	3
EC-102	Microeconomic Principles	3
PO-100 or SO-121	Perspectives on Politics <sup>2</sup> Introduction to Sociology	3
EC-300	Statistics for Business, Finance and Economics	3
FN-401	Introduction to Corporate Finance	3
Total Credits		60

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Social Science Requirement.

### All majors must complete two (2) of the following Selected Business Electives

BA-245	Customer Service	3
BA-249	Sports and Entertainment Marketing	3
BA-319	International Marketing	3
BA-340	E-Business	3
BA-343	Human Resource Management	3
BA-347	International Management	3
BA-363	Entrepreneurship: Creativity and Innovation	3

BA-380	Integrated Marketing Communication	3
BA-421	Doing Business Overseas	3
BA-465	Executive Seminar	3

### Special Notes on core curriculum Requirements

- <sup>1</sup> 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

- <sup>1</sup> 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.
- <sup>2</sup> Majors are allowed to take one BA minor. Courses taken towards the minor may not count towards the major.
- <sup>3</sup> All BA majors are encouraged to participate in Co-ops and Internships

## Minor Programs

Students may minor in Management, Marketing, 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-	Elective from the list: Selected Business Electives (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-	Elective from the list: Selected Business Electives (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-	Elective from the list: Selected Business Electives (cannot be double-counted)	3
BA-	Elective at the 300-level or Above (cannot be double-counted)	3
Total Credits		18

## Department of Chemistry

Dr. Jessica Epstein, *Chairperson*

The Chemistry Department offers a Chemistry major and minor and a Chemistry major with a concentration in Forensic Science.

### Requirements for Chemistry Major

#### Degree of Bachelor of Science

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

CH-131	General Chemistry and Qualitative Analysis I <sup>1</sup>	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II <sup>1</sup>	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
CH-251	Organic Chemistry I	4
CH-251L	Organic Chemistry I Lab	0
CH-252	Organic Chemistry II	4
CH-252L	Organic Chemistry II Lab	0
CH-329	Analytical Chemistry	4
CH-365	Physical Chemistry I	4
CH-366	Physical Chemistry II	4
CH-449	Inorganic Chemistry	4
CH-460	Instrumental Analysis	4
CH-499	Problems in Chemistry (Capstone)	3
MA-143	Differential Calculus <sup>2</sup>	4
MA-144	Integral Calculus <sup>2</sup>	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		59

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement.

### Requirements for a Chemistry Major with a Concentration in Forensic Science

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

CH-131	General Chemistry and Qualitative Analysis I <sup>1</sup>	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II <sup>1</sup>	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
CH-251	Organic Chemistry I	4
CH-251L	Organic Chemistry I Lab	0
CH-252	Organic Chemistry II	4
CH-252L	Organic Chemistry II Lab	0
CH-329	Analytical Chemistry	4

CH-365	Physical Chemistry I	4
CH-366	Physical Chemistry II	4
CH-460	Instrumental Analysis	4
CH-499	Problems in Chemistry (Capstone)	3
MA-143	Differential Calculus <sup>2</sup>	4
MA-144	Integral Calculus <sup>2</sup>	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
BI-184	General Biology II	3
BI-186	General Biology II Lab	1
CH-361	Criminalistics and Forensic Science	3
CH-442/BC-492	Biochemistry I	3
CJ-165	Introduction to Criminology	3
CJ-316	Criminal Evidence	3
CJ-405	Crime Investigation	3
CJ-406	Homicide: Investigation and Prosecution	3
Total Credits		81

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement.

### Special Notes on Requirements for Chemistry Majors

<sup>1</sup> CH-361/BI-361 Criminalistics and 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.

<sup>2</sup> CH-499 Problems 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.

### Requirements for Chemistry Minor

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

CH-131	General Chemistry and Qualitative Analysis I <sup>1</sup>	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II <sup>1</sup>	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
CH-251	Organic Chemistry I	4
CH-251L	Organic Chemistry I Lab	0
CH-252	Organic Chemistry II	4
CH-252L	Organic Chemistry II Lab	0
CH-329	Analytical Chemistry	4
Choose one of the following		3 - 4
CH-365	Physical Chemistry I	
CH-353	Medicinal Chemistry	
CH-442	Biochemistry I	

CH-449	Inorganic Chemistry
CH-460	Instrumental Analysis
BC-492	Biological Chemistry
<hr/>	
Total Credits	23-24

<sup>1</sup> May count towards the Core Natural Science Requirement.

## Collaborative Programs in Clinical Laboratory Sciences

Dr. WeiDong Zhu, *Coordinator*

Saint Peter's University and Rutgers University offer collaborative programs leading to the Bachelor of Science in Clinical Laboratory Sciences with a concentration in Cytotechnology or a concentration in Medical Laboratory Science. Clinical Laboratory Science majors complete all pre-professional and general education requirements—minimum of 90 to 95 credits over three years (6 semesters)—at Saint Peter's University before beginning the 12 to 15 month (4 semesters) of clinical/professional training at Rutgers University School of Health Related Professions and affiliated clinical/research facilities.

### Requirements for Clinical Laboratory Sciences Major, Concentration in Cytotechnology or 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 <sup>1</sup>	3
BI-185	General Biology I Lab	1
BI-184	General Biology II <sup>1</sup>	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 and Molecular Biology Lab	0
BI-450	Microbiology	4
BI-450L	Microbiology Lab	0
CH-131	General Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
CH-251	Organic Chemistry I	4
CH-251L	Organic Chemistry I Lab	0
MA-132	Statistics for the Life Sciences <sup>2</sup>	3
MA-133	Calculus for the Life Sciences <sup>2</sup>	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
Select one of the following concentrations		2-3
<b>Cytotechnology Concentration</b>		
BI-460	Histology	
<b>Medical Laboratory Science Concentration</b>		
BI-464	Immunology	
Total Credits		44-45

#### Special Notes on core curriculum Requirements.

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement.

#### Special Note on Requirements for the Concentration in Cytotechnology



- <sup>1</sup> The following courses are strongly recommended: BI-350 Genetics, BI-350L Genetics Lab, PC-185 General Physics I, PC-187 General Physics Laboratory I, PC-186 General Physics II, PC-188 General Physics Laboratory II, and CS-150 Introduction to Computers and Information Processing.

**Special Note on Requirements for the Concentration in Medical Laboratory Science**

- <sup>1</sup> BI-473 Vertebrate Zoology is strongly recommended.

# Department of Communication and Media Culture

Dr. Cynthia W. Walker, *Chairperson*

The Communication and Media Culture Department offers a major in Communication and minors in Communication and Journalism.

## Requirements for Communication Major

### Degree of Bachelor of Arts

CU-202	Media Communications I	3
CU-203	Media Communications II	3
CU-205	News Writing and Reporting (WI)	3
Select one of the following:		3
CU-275	Public Speaking Workshop	
CU-277	Strategies of Oral Communication	
CU-255	Ethics in Communications (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
<hr/>		
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/AR-157	Introduction to Photography I	3
CU/AR-158	Introduction to Photography II	3
CU/JN-208	Broadcast Newsroom	3
CU/JN-210	Writer's Workshop	3
CU-221	Introduction to the Publishing Industry	3
CU/AR-232	Art and Desktop Publishing	3
CU-252	Creative Writing	3
CU/JN-304	Principles of Media Law and Ethics	3
CU/JN-310	Advanced News Writing and Editing Workshop	3
CU/JN-313	Advanced News Writing and Editing Workshop II	3
CU-321	Book Editing and Publishing Workshop	3
CU/JN-340	Sports Writing	3
CU/JN-341	Art and Entertainment Journalism	3
CU/JN-355	Video Journalism	3
CU/JN-410	Investigative Journalism and Advanced Features	3
CU-419	Magazine Writing	3

#### Media Business

CU-101	Communication Basics	3
CU-102	Media Literacy	3
CU-213	Advertising and the New Media	3
CU/AR-214	Art Advertising and Design	3
CU/AR-220	Introduction to Computer Art	3
CU-218	Media Business	3
CU/BA-241	Advertising Management	3

CU/BA-247	Marketing Communications	3
CU-260	Radio Station I	3
CU-261	Radio Station II	3
CU-270	Broadcast Studies	3
CU-274	Media: Behind the Scenes	3
CU/WS-285	Gender and Communication (DIV)	3
CU-315	Business and Professional Communication	3
CU/AS-318	African-American Communication In American Culture	3
CU-350	Public Relations	3
CU-371	Production and Post Production	3

### Film History and Criticism

CU-190	Introduction to Film	3
CU-228	Asian Film	3
CU-244	Women in Film	3
CU-256	The Horror Film	3
CU-265	Screenwriting	3
CU-266	Advanced Screenwriting	3
CU-282	Science Fiction Film	3
CU-283	The Conspiracy Theory Film	3
CU/EL-293	Today's Film Scene	3
CU-306	The Animated Film	3
CU-307	Art Commerce and the Cultural Impact of Disney	3
CU-308	Disney: Behind the Scenes	3
CU-421	Fiction and Film	3
CU-423	The American Film	3
CU-454	Black Films	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. After consultation with outside departments, students must send a one-page letter requesting the outside concentration to the Director of the Communication major. 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-295, CU-495 and 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. On campus internships may include jobs at the *Pauw Wow*, *Pavan* and *Peacock Pie* under the supervision of a moderator.

### Special Notes on Major Requirements

- <sup>1</sup> The completion of freshman composition with a minimum score of a C+ is a prerequisite for all courses.
- <sup>2</sup> 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

CU-101	Communication Basics	3
CU-202	Media Communications I	3
CU-203	Media Communications II	3

Select one of the following writing courses:		3
CU-205	News Writing and Reporting	
CU-315	Business and Professional Communication	
CU-400	Research Writing	
CU-419	Magazine Writing	
Select one of the following speaking courses:		3
CU-275	Public Speaking Workshop	
CU-277	Strategies of Oral Communication	
CU-	CU Elective	3
Total Credits		18

### Requirements for the Minor in Journalism

CU/JN-205	News Writing and Reporting	3
CU/JN-210	Writer's Workshop	3
CU/JN-304	Principles of Media Law and Ethics	3
CU/JN-310	Advanced News Writing and Editing Workshop	3
CU/JN-410	Investigative Journalism and Advanced Features	3
JN-	JN Elective	3
Total Credits		18

### Special Note on the Minor in Journalism

- <sup>1</sup> 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.

## Department of Computer and Information Sciences

Edward Moskal, *Chairperson*

The Department of Computer and Information Sciences offers three programs leading towards the Bachelor of Science degree in Computer Science. Students may concentrate in Computer Information Systems, Cyber Security, 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 <sup>1</sup>	3
MA-124	Elementary Calculus II <sup>1</sup>	3
CS/IS-180	Introduction to Programming	3
CS-231	Software Engineering	3
CS-332	Advanced Computing	3
IS-410	Total Business Information Systems	3
CS-370	Data Structures	3
MA-212	Elementary Statistics	3
MA-214	Mathematics of Finance	3
MA-216	Computer Mathematics	3
MA-218	Quantitative Methods for Business	3
CS-499	Capstone for Computer Science	3
IS-	IS Electives-IS-230 or higher <sup>2</sup>	6
CS/IS-	CS or IS Electives (IS-230 or higher OR CS-300 or higher) <sup>2</sup>	6
Total Credits		48

<sup>1</sup> May count towards the Core Mathematics Requirement.

<sup>2</sup> IS-295 Co-op may be counted as only one Information Science elective.

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

<sup>1</sup> 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

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

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

<sup>3</sup> CS/CIS majors are encouraged to study a commercially popular programming language such as Visual BASIC and/or Java.

## Requirements for Computer Science Major/Cyber Security

### 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 <sup>1</sup>	3
MA-124	Elementary Calculus II <sup>1</sup>	3
MA-212	Elementary Statistics	3
CS/IS-180	Introduction to Programming	3
CS-231	Software Engineering	3
CS-332	Advanced Computing	3
CS-260	Information Technology Ethics	3
CS-339	Computer Architecture and Operating Systems	3
CS-370	Data Structures	3
IS-380	Database and Data Administration	3
IS-381	Cyber Security Planning and Risk Management	3
IS-425	Disaster Recovery	3
CS-489	Network Technology, Protocols, and Defense	3
CS-495	Cryptology	3
CS-496	Cyber Security 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

- <sup>1</sup> May count towards the Core Mathematics Requirement.
- <sup>2</sup> 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

- <sup>1</sup> 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 <sup>1</sup>	4
MA-144	Integral Calculus <sup>1</sup>	4
CS/IS-180	Introduction to Programming	3
CS-231	Software Engineering	3
CS-332	Advanced Computing	3
CS-355	Foundations of Programming Systems	3
CS-370	Data Structures	3
MA-246	Discrete Mathematics	3
MA-247	Introductory Linear Algebra	3
MA-273	Multivariable Calculus I	4

MA-335	Probability Theory	3
MA-382	Mathematical Modeling	3
or MA-385	Topics in Applied Mathematics	
Two Natural Science Laboratories <sup>2</sup>		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		56

<sup>1</sup> May count towards the Core Mathematics Requirement.

<sup>2</sup> Taken with natural science courses for Core Requirements.

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

<sup>1</sup> 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.

<sup>2</sup> 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

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

<sup>2</sup> CS/CS majors may be eligible for a minor in mathematics.

<sup>3</sup> 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 Management	3
CS-489	Network Technology, Protocols, and Defense	3
CS-496	Cyber Security 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 Criminal Justice

Dr. 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 Computer Science and Crime 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	Introduction to Criminal Justice	3
SO/CJ-253	Social Deviance	3
CJ-280	Juvenile Delinquency	3
CJ-258	Criminal Justice Ethics (Values course)	3
CJ-285	Criminal Corrections Systems	3
CJ-315	Criminal Procedure	3
CJ-316	Criminal Evidence	3
CJ-350	Research Techniques and Data Analysis	3
CJ-489	Senior Seminar in Criminal Justice	3
PS-151	Introduction to Psychology <sup>1</sup>	3
CJ/BI/CH-237	Forensic Science <sup>1</sup>	3
Select one of the following		3
AS/UR/SO-412	Ethnicity and Race in Urban History	
AS/SO-200	Ethnic and Racial Relations	
CJ-210	Multiculturalism in Justice	
Select one of the following concentrations and take 9 credits in that concentration, except for the Computer Science and Crime Forensics Concentration, take 12 credits		9-12
<hr/> Total Credits		48-51

#### Special Note on Core Requirements for Criminal Justice Majors

<sup>1</sup> May count towards the Core Natural Science Requirement.

#### Special Note on Major Requirements for Criminal Justice Majors

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

#### Law and Justice Concentration

Select three of the following:		9
CJ-290	Comparative Justice Systems	
CJ-486	Internship I	
or CJ-487	Internship II	
CJ-222	Family Law	
UR/AS-320	Urban Legal Issues	
CJ-250	Victimology	
CJ-390	Criminal Law	
UR/AS-333	Black Community and the Law	
PO-477	International Law	
CJ-485	Child Protection Agencies and the Law	



PO-417	Constitutional Law and Civil Liberties	
CJ-406	Homicide: Investigation and Prosecution	
Total Credits		9

### Corrections Concentration

Select three of the following:		9
CJ-290	Comparative Justice Systems	
PS-260	Abnormal Psychology	
CJ-395	Probation and Parole	
CJ-485	Child Protection Agencies and the Law	
PS-250	Personality	
CJ-486	Internship I	
or CJ-487	Internship II	
CJ-222	Family Law	
Total Credits		9

### Police Administration Concentration

CJ-175	Introduction to Law Enforcement	3
Select two of the following:		6
CJ-177	Police Culture	
CJ-359	Corruption	
CJ-260	Traffic Management	
CJ-435	Police Patrol	
CJ-396	Community Policing	
CJ-486	Internship I	
or CJ-487	Internship II	
CJ-400	Police Administration	
CJ-299	Leadership for Criminal Justice	
Total Credits		9

### Investigative Sciences Concentration

Select three of the following:		9
PS-250	Personality	
CJ-418	Introduction to Forensics Techniques	
PS-435	Forensic Psychology	
CJ-486	Internship I	
or CJ-487	Internship II	
CJ-405	Crime Investigation	
CJ-299	Leadership for Criminal Justice	
CJ-406	Homicide: Investigation and Prosecution	
Total Credits		9

### 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
Select two of the following:		6
CJ-240	Gangs and Organized Crime	
CJ-418	Introduction to Forensics Techniques	

CJ-358	White Collar Crime	
CJ-486	Internship I	
or CJ-487	Internship II	
CJ-419	Terrorism and Threat Assessment	
Total Credits		9

### **Cyber Security and Computer Forensics Concentration**

CS-150	Introduction to Computers and Information Processing	3
Take the following three courses:		9
CS-260	Information Technology Ethics	
CJ-418	Introduction to Forensics Techniques	
CS-495	Cryptology	
Total Credits		12

### **Requirements for a Minor in Criminal Justice**

CJ-165	Introduction to Criminology	3
CJ-170	Introduction to Criminal Justice	3
CJ-253	Social Deviance	3
CJ-285	Criminal Corrections Systems	3
CJ-315	Criminal Procedure	3
CJ-350	Research Techniques and Data Analysis	3
Total Credits		18

### **Special Notes on Requirements for Criminal Justice Minors**

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

## Department of Economics and Finance

Dr. Edwin T. Dickens, *Chairperson*

The Department of Economics and Finance offers majors in Economics, Finance and Mathematical Economics 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 <sup>1</sup>	3
EC-102	Microeconomic Principles	3
EC-251	Intermediate Microeconomics	3
EC-252	Intermediate Macroeconomics	3
EC-300	Statistics for Business, Finance and Economics	3
EC-496	Capstone Seminar (WI)	3
EC/FN	Economics/Finance Electives <sup>2</sup>	18
Total Credits		36

<sup>1</sup> May count towards the Core Social Science Requirement

<sup>2</sup> 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.

### 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 <sup>1</sup>	3
EC-102	Microeconomic Principles	3
EC-251	Intermediate Microeconomics	3
EC-252	Intermediate Macroeconomics	3
EC-300	Statistics for Business, Finance and Economics	3
EC-496	Capstone Seminar (WI)	3
EC/FN	Economics/Finance Electives <sup>2</sup>	18
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law and Contracts	3
BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
Total Credits		51

<sup>1</sup> May count towards the Core Social Science Requirement.

<sup>2</sup> 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.

### 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 <sup>1</sup>	3
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EC-102	Microeconomic Principles	3
EC-251	Intermediate Microeconomics	3
EC-252	Intermediate Macroeconomics	3
EC-300	Statistics for Business, Finance and Economics	3
FN-401 or FN-410	Introduction to Corporate Finance <sup>2</sup> Business Finance	3
EC-496	Capstone Seminar (WI)	3
FN	FN Electives	18
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law and Contracts	3
BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
Total Credits		54

<sup>1</sup> May count towards the Core Social Science Requirement.

<sup>2</sup> 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.

## Requirements for Mathematical Economics Major Degree of Bachelor of Arts

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

EC-101	Macroeconomic Principles <sup>1</sup>	3
EC-102	Microeconomic Principles	3
EC-251	Intermediate Microeconomics	3
EC-252	Intermediate Macroeconomics	3
EC-300	Statistics for Business, Finance and Economics	3
EC-301	Mathematical Economics	3
EC-302	Elements of Econometrics	3
EC-303	Linear Programming for Economics	3
EC-496	Capstone Seminar (WI)	3
EC/FN	Economics/Finance Electives <sup>3</sup>	18
MA-123	Elementary Calculus I <sup>2</sup>	3
MA-124	Elementary Calculus II <sup>2</sup>	3
MA-218	Quantitative Methods for Business	3
Total Credits		54

<sup>1</sup> May count towards the Core Social Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement.

<sup>3</sup> 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.

## Special Notes on Core Curriculum Requirements for Economics, Finance and Mathematical Economics Majors

<sup>1</sup> It is recommended that Finance majors take CS-150 Introduction to Computers and Information Processing as part of their Core Natural Science Requirement.

- <sup>2</sup> It is recommended that 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 Mathematical Economics Majors**

- <sup>1</sup> The upper level required theory courses, EC-251 and EC-252, must be taken at Saint Peter's University.
- <sup>2</sup> No more than three credits of EC-295 can be applied toward the satisfaction of major requirements.
- <sup>3</sup> 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 electives: EC-251 or EC-252 or any EC/FN- 300-level or above)	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	12
Total Credits		18

## Department of English

Dr. Paul Almonte, *Chairperson*

The Department of English offers a major in English Literature and a minor in English.

### Requirements for English Literature Major

#### Degree of Bachelor of Arts

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

EL-123	Forms of Literature: Poetry and Drama <sup>1</sup>	3
EL-134	Fiction <sup>1</sup>	3
EL-201	Survey of English Literature I	3
EL-202	Survey of English Literature II	3
EL-	Elective from Group 1: The Beginnings through the Early English Renaissance	3
EL-	Elective from Group 2: Shakespeare through the Age of Reason	3
EL-	Elective from Group 3: Romanticism through the Late Victorian Era	3
EL-	Elective from Group 4: Modernism through the Contemporary Era	3
EL-	Capstone Course	3
Choose four English Electives at 200-level or above		12
Total Credits		39

<sup>1</sup> May count towards the Core Literature Requirement.

### Special Notes on English Literature Major Requirements

<sup>1</sup> Group designations may be found in the course listings.

<sup>2</sup> A student should have a 2.5 average in the core courses (EL-123 and EL-134) 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.

### The Hopkins Scholar Program

The Hopkins Scholar Program offers students the opportunity to work individually under the direction of a faculty member on a special project. In a two-semester sequence (6 credits), typically as part of the Honors Program, students are introduced to the methods of research and become acquainted with the background material for their research projects. This enrichment of the English curriculum is continued as the Hopkins Scholar undertakes an independent research project and produces a senior thesis. Participants must have a 3.0 average in English courses.

### Requirements for a Minor in English

EL-123	Forms of Literature: Poetry and Drama	3
EL-134	Fiction	3
Select four English Electives		12
Total Credits		18

## Environmental Studies Program

Dr. David S. Surrey, *Director*

The Environmental Studies Program offers a minor in Environmental Studies. This minor prepares students to work in a variety of settings, such as community-based organizations, corporations, or government agencies and in positions requiring interdisciplinary expertise, such as those in media, education, or public policy. Although based on a solid science foundation, the minor is not intended for students interested in a career in science.

### Requirements for Environmental Studies Minor

EV-100	Introduction to Environmental Studies	3
CH-131	General Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
BI-183	General Biology I	3
BI-185	General Biology I Lab	1
EV-295	Environmental Internship	3
Select two courses from the following		6
BI-130	Natural History of New Jersey (Total)	
EV-155	Introduction to Environmental Politics	
EV-200	Economics of Environmental Decisions	
EV-300	Ethics, Theology and Environmental Descisions	
EV-327	Environmental Politics and Policies	
EV-400	Sustainability: Plan for a Better Future	
PL-241	Environmental Ethics	
Total Credits		20

## Department of Fine Arts

Dr. Jon D. Boshart, *Chairperson*

The Department of Fine 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	Introduction to the Visual Arts <sup>1</sup>	3
AR-211	Renaissance Art I	3
AR-212	Renaissance Art II (Capstone)	3
AR-210 or AR-425	Art in the Museums Women in Art	3
AR-215	Medieval Art (Capstone)	3
AR-229	Baroque Art	3
AR-231	Egyptian Art	3
AR-240 or AR-384 or AR-386	Cultural Diversity in Art Art and Buddhism Art and Hinduism	3
AR-335 & AR-336 or AR-355 & AR-356	Art Appreciation (aesthetics) I and Art Appreciation (aesthetics) I The Nude in Art and Gods and Athletes: Greek and Roman Art	6
AR-340	The Visual Arts in America	3
AR-	Fine Arts Electives	6
Total Credits		39

<sup>1</sup> 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	Introduction to the Visual Arts <sup>1</sup>	3
AR-128	Introduction 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 <sup>2</sup>		3
AR-212	Renaissance Art II	
AR-215	Medieval Art	
Total Credits		39

<sup>1</sup> May count towards the Core Fine Arts Requirement.



<sup>2</sup> 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-127	Introduction to the Visual Arts <sup>1</sup>	3
AR-160	Drawing and Composition Workshop	3
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	Graphic Publishing	3
AR-350	Typography	3
AR-366	Tools of Graphic Art	3
AR-368	Graphic Design	3
AR-381	Art of Web Design	3
AR-430	Senior Thesis Project: Portfolio Presentation (Capstone)	3
Graphic Arts Electives		12
Free Electives		12
<hr/>		
Total Credits		60

<sup>1</sup> May count towards the Core Fine Arts Requirement.

## 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-127	Introduction to the Visual Arts <sup>1</sup>	3
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-376	Capturing and Constructing: Digital Photos	3
AR-430	Senior Thesis Project: Portfolio Presentation (Capstone)	3
Graphic Arts Electives		18
Free Electives		12
<hr/>		
Total Credits		60

<sup>1</sup> May count towards the Core Fine Arts Requirement.

## 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	Introduction to the Visual Arts <sup>1</sup>	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

<sup>1</sup> 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		12
Total Credits		18

### Requirements for Music Minor

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

### Requirements for Theater Arts Minor

AR-175	Acting Workshop I	3
AR-176	Acting Workshop II	3
AR/EL-420	New York Theatre Live	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 and Composition Workshop	3
AR-171	Live Model Figure Drawing Workshop	3
AR-166	Sculpture Workshop	3
Visual Arts Workshop-Studio Electives		9
Total Credits		18

### Requirements for Art History Minor

Art History Electives		6
Select one of the following combinations:		6
AR-211	Renaissance Art I	
AR-212	Renaissance Art II	
or		
AR-215	Medieval Art	
AR-229	Baroque Art	
Select one of the following combinations:		6
AR-335	Art Appreciation (aesthetics) I	

AR-336	Art Appreciation (aesthetics) I
or	
AR-355	The Nude in Art
AR-356	Gods and Athletes: Greek and Roman Art
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Total Credits	18

## Program in Gender and Sexuality

Dr. Marilyn Cohen, *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

WS/SO-140	Introduction to Women's Studies	3
Choose one of the following		3
WS-310	Feminist Political Theory	
WS-340	Feminist Philosophy	
Select four of the following, no more than two with the same prefix:		12
AR-425	Women in Art	
CU-244	Women in Film	
CU/WS-285	Gender and Communication	
PL-340	Feminist Philosophy	
PO-310	Feminist Political Theory	
PS-170	Marriage and Family	
SO/LS/WS-136	Introduction to Lesbian, Gay, Bisexual and Transgendered Studies	
SO-223	Latin America Today: People, Culture and Issues	
SO-224	Black Hair and Identity in America	
SO-227	Sociology of Salsa	
SO-236	Families in Urban Settings	
SO-256	Sociology of Sports	
SO-273	Global Feminisms	
SO-326	The Anthropology of Gender	
SO-345	Sociology of Intimacy	
SO-353	Sociology of the Black Family	
SO-368	Health and Inequalities: Race, Class and Gender	
PL-311	Philosophy and Bob Dylan	
CJ/SO-253	Social Deviance	
HS-453	Women in American History	
PS-455	Biological Foundations: Human Sexuality	
PO-498	Seminar: Political Poetry and Music	
UR-309	Women in the Changing Urban World	
UR-460	The U.S. Civil Rights Movement	
WS-366	Mapping Asian and Latino Bodies	
Total Credits		18

# Health and Physical Education

Dr. Stephanie Bryan, *Director*

This major is offered through the School of Education.

The Health and Physical Education Program offers a major in Health and Physical Education with a concentration in Health Education or Physical Education to prepare students for employment in a number of venues including commercial fitness, corporate health and fitness, and community recreation and health promotion. 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 would be part of the Minor in Secondary Education.

## Requirements for the Health and Physical Education Major

### Degree of Bachelor of Science

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

BI-122	Nutrition in Health and Disease <sup>1</sup>	3
BI-171	Anatomy and Physiology I <sup>1</sup>	4
BI-171L	Anatomy and Physiology I Lab	0
BI-172	Anatomy and Physiology II	4
BI-172L	Anatomy and Physiology II Lab	0
HE-271	Concepts of Public Health	3
HE-486	Current Issues in Health Education	3
PE-103	Principles and Foundations of Physical Education	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-410	Legal and Ethical Issues in Sports <sup>2</sup>	3
HE-	2 HE- courses	6
PE-	2 PE- courses	6
Total Credits		53

<sup>1</sup> May count towards the Core Natural Science requirement.

<sup>2</sup> May count towards the Core Values requirement.

### 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.

# Health Information Management Collaborative Program

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) (<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 plus two summer sessions of coursework offered at Saint Peter's, and four semesters plus one summer session offered at the Rutgers campus during the Professional Phase of the Program.

During their first two years, students take 73-76 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 <http://shrp.rutgers.edu/dept/informatics/HIM/>

## 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 the Life Sciences <sup>1</sup>	3
MA-133	Calculus for the Life Sciences <sup>1</sup>	4
BI-171	Anatomy and Physiology I <sup>2</sup>	4
BI-171L	Anatomy and Physiology I Lab	0
BI-172	Anatomy and Physiology II <sup>2</sup>	4
BI-172L	Anatomy and Physiology II Lab	0
AC-151	Principles of Accounting I	3
BA-151	Principles of Management	3
CS-150	Introduction to Computers and Information Processing	3
Core Curriculum Requirements *		42
Credits to be transferred in from Rutgers University from the professional program of study.		61
<b>Total Credits</b>		<b>127</b>

<sup>1</sup> May count towards the Core Mathematics Requirement.

<sup>2</sup> May count towards the Core Natural Science Requirement.

\* Please note 3 credits transferred from Rutgers will count towards 3 credits of core curriculum credits.

### Special Notes on Major Requirements

<sup>1</sup> 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.

<sup>2</sup> 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.

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

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

## 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.

HS-121	The Western Tradition <sup>1</sup>	3
HS-122	World Perspectives in History <sup>1</sup>	3
or HS-123	Special Topics in History	
HS-231	Main Currents in American History I	3
HS-232	Main Currents in American History II	3
Select one of the following:		3
HS-	Group A: Pre-Modern World History Elective	
or		
CC-251	History of Greece	
CC-252	History of Rome	
HS-	Group B: Modern European History Elective	3
HS-	Group C: United States History Elective	3
HS-	Group D: Modern Non-Western or Thematic History Elective	3
HS-	History Electives	9
HS-499	The Tuleja Seminar	3
Total Credits		36

<sup>1</sup> May count towards the Core History Requirement.

#### Special Notes on Major Requirements

<sup>1</sup> History majors must maintain an average of 2.5 in major courses.

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

<sup>3</sup> 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

HS-121	The Western Tradition <sup>1</sup>	3
HS-122	World Perspectives in History <sup>1</sup>	3
or HS-123	Special Topics in History	
HS-	History Electives	12
Total Credits		18

<sup>1</sup> May count towards the Core History Requirement

# Honors Program

Dr. Daniel Murphy and Dr. Rachel Wifall, *Directors*

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 SAT scores and high school grade point average. Students who have earned 15 or more credits at the University and have attained a cumulative index of at least 3.4 may apply for delayed entry into the program. Transfer students who possess the equivalent of a 3.4 GPA may also apply for admission to the Honors Program.

## Special Notes on Honors Program Requirements

- <sup>1</sup> While Honors provides academic enrichment for highly motivated students, it is not a formal major or minor.
- <sup>2</sup> In order to graduate "in cursu honorum," students enrolled in the program must complete a minimum of 30 credits of Honors credit, which includes a total of 8 Honors-designated classes/special study experiences and 6 credits of Honors Thesis: research and independent study.
- <sup>3</sup> Independent study projects, which may carry departmental and Honors credit, must be approved by the Honors Program and the Chair of the student's major department.
- <sup>4</sup> Some credit earned through the Washington Center, foreign study, an internship or other alternative methods may be applied to Honors upon approval of the director.
- <sup>5</sup> Students must maintain a minimum grade point average of 3.4 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.
- <sup>6</sup> Any student in the University with at least a 3.4 cumulative average may take an honors-designated course, as an "Honors Associate."



## Program in Latin American and Latino Studies

Dr. Alex Trillo, *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 Latino 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	Introduction to Latin America and Latino Studies	3
SP-	Any 2 Spanish courses <sup>1</sup>	6
LS-	6 LS electives, with no more than 3 from the same discipline	18
LS-	400-level LS course <sup>2</sup>	3
Total Credits		30

<sup>1</sup> May count toward the Core Language Requirement and may be substituted with another Latin America or Caribbean - related language.

<sup>2</sup> Any 400-level LS course in which the student is required to complete a research paper that can be 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	Introduction to Latin America and Latino Studies	3
LS-	5 LS electives, with no more than 3 from the same discipline	15
Total Credits		18

#### Special Note on Minor Requirements

Minors are encouraged to fulfill their language requirement in Spanish or another Latin America or Caribbean-related language.

## Department of Mathematics

Dr. John E. Hammett III, *Chairperson*

The Department of Mathematics offers a major and a minor in Mathematics. Students must maintain an average of at least 2.0 in all mathematics courses counted towards the major in order to graduate as mathematics majors.

### Requirements for Mathematics Major

#### Degree of Bachelor of Science

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

MA-143	Differential Calculus <sup>1</sup>	4
MA-144	Integral Calculus <sup>1</sup>	4
MA-246	Discrete Mathematics	3
MA-247	Introductory Linear Algebra	3
MA-248	Math Tech Lab	1
MA-273	Multivariable Calculus I <sup>1</sup>	4
MA-274	Multivariable Calculus II <sup>1</sup>	4
MA-335	Probability Theory	3
MA-375	Advanced Calculus	3
or MA-377	Ordinary Differential Equations	
MA-382	Mathematical Modeling	3
or MA-385	Topics in Applied Mathematics	
MA-441	Modern Algebra	3
MA-490	Senior Seminar in Mathematics (Capstone)	3
MA	Three Mathematics Electives (MA-335 or higher)	9
Total Credits		47

<sup>1</sup> May count towards the Core Mathematics Requirement.

#### Special Notes on Core Curriculum Requirements

- <sup>1</sup> The Core Curriculum Natural Science Requirement for Mathematics majors is ordinarily PC-185 General Physics I, and CS-180 Introduction to Programming. Mathematics majors are encouraged to take PC-186 as well. A more advanced course in computer programming may substitute for CS-180, but a course in computer programming is expected.
- <sup>2</sup> Mathematics majors are encouraged to take EC-101 Macroeconomic Principles as part of their Social Sciences Requirement.
- <sup>3</sup> Courses numbered below the 100-level do not fulfill the Mathematics Core Requirement for the Bachelor's degree.
- <sup>4</sup> Ordinarily a student may not receive credit for more than one of the calculus sequences, nor may a student receive credit for both MA-103 Mathematics for the Humanities II and MA-106 Introduction to Probability and Statistics, nor may a student receive credit for both MA-132 Statistics for the Life Sciences and MA-212 Elementary Statistics.
- <sup>5</sup> Completion of the Mathematics Core Requirement is ordinarily a prerequisite for any mathematics courses numbered 200 or above.
- <sup>6</sup> Satisfactory completion of developmental mathematics (MA-001 for Elementary Applied Mathematics, Intro to Probability and Statistics, Mathematics for the Humanities and Mathematics for Educators; MA-101 Precalculus for Calculus), or exemption by placement testing results, is prerequisite for core mathematics courses.
- <sup>7</sup> Students who receive advanced placement beyond the introductory calculus sequences may use MA-273 Multivariable Calculus I and MA-274 Multivariable Calculus II to satisfy the Mathematics Core Requirement.

**Special Notes on Major Requirements**

- <sup>1</sup> In order to continue as mathematics majors, students must maintain an average of at least 2.0 in MA-143, MA-144, MA-246, MA-247, MA-248, MA-273, and MA-274.
- <sup>2</sup> The Chairperson of the Mathematics Department may reduce the 9 credit requirement in the Mathematics electives to 3 credits if the student has, in consultation with a departmental advisor, combined a 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 a Minor in Mathematics**

Select one of the following calculus sequences: 6-8

MA-123 & MA-124	Elementary Calculus I and Elementary Calculus II	6-8
MA-132 & MA-133	Statistics for the 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, 200-level or above		12
Total Credits		18-20

**Special Notes on Minor Requirements**

- <sup>1</sup> Students wishing to minor in mathematics should meet with the department Chairperson to choose appropriate electives to match or complement their major.
- <sup>2</sup> A student must maintain an average of at least 2.0 in the courses presented for the mathematics minor.

## Department of Modern and Classical Languages and Literatures

Mark DeStephano, S.J., Ph.D (1995) *Chairperson*

The Department of Modern and Classical Languages and Literatures offers majors and minors in Spanish, Classical Languages, and Classical Civilization. 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:

SP-133 & SP-134	Intermediate Spanish I and Intermediate Spanish II <sup>1</sup>	6
SP-135 & SP-136	Intermediate Spanish for Native Speakers I and Intermediate Spanish for Native Speakers II <sup>1</sup>	
SP-243	Survey: Literature of Spain I	3
SP-244	Survey: Literature of Spain II	3
SP-245	Hispanic-American Literature I	3
SP-246	Hispanic-American Literature II	3
SP-	Choose 8 Spanish Electives <sup>2</sup>	24
Total Credits		42

<sup>1</sup> May count towards the Core World Language Requirement.

<sup>2</sup> 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

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

<sup>2</sup> 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. Modern Language majors may also apply any six credits in Classical languages or civilization towards their degree program.

### Requirements for Classical Civilization Major

#### Degree of Bachelor of Arts *in cursu classico*

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

Select one of the following sequences:

LA-113 & LA-114	Elementary Latin I and Elementary Latin II <sup>1</sup>	6
LA-157 & LA-158	Intermediate Latin I and Intermediate Latin II <sup>1</sup>	

Select one of the following sequences:

6

GK-111 & GK-112	Elementary Attic Greek I and Elementary Attic Greek II	
GK-221 & GK-222	Intermediate Greek I and Intermediate Greek II	
CC-	Classical Civilization Electives	18
Total Credits		30

<sup>1</sup> May counts towards the Core World Language Requirement

## Requirements for Classical Languages Major Degree of Bachelor of Arts *in cursu classico*

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

Select one of the following sequences: 6

LA-113 & LA-114	Elementary Latin I and Elementary Latin II <sup>1</sup>	
LA-157 & LA-158	Intermediate Latin I and Intermediate Latin II <sup>1</sup>	

Select one of the following sequences: 6

GK-111 & GK-112	Elementary Attic Greek I and Elementary Attic Greek II	
GK-221 & GK-222	Intermediate Greek I and Intermediate Greek II	
LA/GK	Latin or Greek Electives	12
CC-	Classical Civilization Electives	6
Total Credits		30

<sup>1</sup> May count towards the Core World Language Requirement

## Requirements for Minor in French

FR-133 & FR-134	Intermediate French I and Intermediate French II <sup>1</sup>	6
FR-	French Electives	12
Total Credits		18

<sup>1</sup> May count towards the Core World Language Requirement

### Special Note on Requirements for the Minor in French

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

## Requirements for Minor in Italian

IT-133 & IT-134	Intermediate Italian I and Intermediate Italian II <sup>1</sup>	6
IT-	Italian Electives	12
Total Credits		18

<sup>1</sup> May count towards the Core World Language Requirement.

### Special Note on Requirements for the Minor in French

<sup>1</sup> 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 <sup>1</sup>	
SP-135 & SP-136	Intermediate Spanish for Native Speakers I and Intermediate Spanish for Native Speakers II <sup>1</sup>	
SP-243	Survey: Literature of Spain I	3
SP-244	Survey: Literature of Spain II	3
SP-245	Hispanic-American Literature I	3
SP-246	Hispanic-American Literature II	3
Total Credits		18

<sup>1</sup> May count towards the Core World Language Requirement.

## Special Notes on Requirements for the Minor in Spanish

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

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

## Requirements for Minor in Classical Civilization

Select one of the following sequences:		6
LA-113 & LA-114	Elementary Latin I and Elementary Latin II <sup>1</sup>	
LA-157 & LA-158	Intermediate Latin I and Intermediate Latin II <sup>1</sup>	
GK-111 & GK-112	Elementary Attic Greek I and Elementary Attic Greek II	
GK-221 & GK-222	Intermediate Greek I and Intermediate Greek II	
CC-	Classical Civilization Electives	12
Total Credits		18

<sup>1</sup> Counts towards the World Language Requirement

## Requirements for Minor in Classical Languages

Select one of the following sequences:		6
LA-113 & LA-114	Elementary Latin I and Elementary Latin II <sup>1</sup>	
LA-157 & LA-158	Intermediate Latin I and Intermediate Latin II	
Select one of the following sequences:		6
GK-111 & GK-112	Elementary Attic Greek I and Elementary Attic Greek II <sup>1</sup>	
GK-221 & GK-222	Intermediate Greek I and Intermediate Greek II	
LA- or GK-	Electives	6
Total Credits		18

<sup>1</sup> May count towards the Core World Language Requirement.

## 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 only external examination accepted by the Department is the AP Examination, as explained above. Other than this, the language requirement must be fulfilled through coursework at Saint Peter's University. The Department does not accept CLEP or International Baccalaureate tests for credit or 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 <sup>1</sup>	24-26
Choose a Subject II List of courses from: Biology, Chemistry, Computer Science, Mathematics, Psychology, or Physics <sup>1</sup>	14-16
Choose a Subject III List of courses from: Biology, Chemistry, Computer Science, Mathematics, Psychology, or Physics <sup>1</sup>	8-9
Choose a Subject IV List of courses from: Biology, Chemistry, Computer Science, Mathematics, Psychology, or Physics	6-9
<b>Total Credits</b>	<b>52-60</b>

<sup>1</sup> 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 and Molecular Biology Lab	0
BI-310	Ecology	4
BI-310L	Ecology Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
<b>Total Credits</b>		<b>24</b>

##### Chemistry

CH-131	General Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
CH-251	Organic Chemistry I	4
CH-251L	Organic Chemistry I Lab	0
CH-252	Organic Chemistry II	4
CH-252L	Organic Chemistry II Lab	0
CH-329	Analytical Chemistry	4
Choose one of the following		4
CH-347	Elementary Physical Chemistry	



CH-442 & 442L	Biochemistry I and Biochemistry I Lab	
BC-492 & CH-442L	Biological Chemistry and Biochemistry I 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-246	Discrete Mathematics	3
MA-247	Introductory Linear Algebra	3
MA-273	Multivariable Calculus I	4
MA-	2 MA Electives at 300-level or above	6
Total Credits		24

**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 and Molecular Biology Lab	0
BI-350	Genetics	4
BI-350L	Genetics Lab	0
Total Credits		16

**Chemistry**

CH-131	General Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
CH-132	General Chemistry and Qualitative Analysis II	4
CH-132L	General Chemistry and Qualitative Analysis II Lab	0
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 and Research Methods	3
PS-205	Experimental Psychology	3
Choose one of the following courses with capstone laboratory		6
PS-305 & PS-306	Tests and Measurements and Capstone: Seminar Lab Tests and Measurements	
PS-310 & PS-311	Social Experimental Psychology and Capstone: Seminar Lab Social Experiment	
PS-320 & PS-321	Learning and Capstone: Seminar and Lab in Learning	
PS-350 & PS-351	Cognitive Processes and Capstone: Seminar and Lab in Cognitive Process	
PS-430 & PS-431	Industrial-Organizational Psychology and Capstone: Seminar and Lab in Industrial-Organizational Psychology	
PS-485 & PS-486	Memory and Capstone: Seminar and Lab in Memory	
PS-480 & PS-481	Special Topics in Psychology and Capstone: Seminar and Lab in Special Topics in Psychology	
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 Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
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	
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
Total Credits		8

**Psychology**

PS-151	Introduction to Psychology	3
PS-200	Statistics and Research Methods	3
PS-205	Experimental Psychology	3
Total Credits		9

## Department of Philosophy

Dr. Lisa O'Neill, *Chairperson*

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

### Requirements for Philosophy Major - Traditional Concentration

#### Degree of Bachelor of Arts

PL-100	Introduction to Philosophy I	3
PL-101	Introduction to Philosophy II	3
PL-153	Logic	3
PL-240	General Ethics	3
	Capstone Experience <sup>1</sup>	0
PL-xxx	Electives in History of Philosophy, Ethics, and Topical Areas	18
Total Credits		30

#### History of Philosophy Electives

PL-284	Medieval Christian Philosophy	3
PL-285	American Philosophy	3
PL-288	Recent European Philosophy	3
PL-306	Existentialism: Dostoevsky to Sartre	3
PL-311	Philosophy and Bob Dylan	3
PL-316	The Philosophy of Immanuel Kant	3
PL-320	Asian Philosophy	3
PL-448	Plato's Dialogues	3

#### Ethics and Moral Philosophy Electives

PL-230	Critical Moral Thinking	3
PL-241	Environmental Ethics	3
PL-252	Justice and Human Rights	3
PL-253	Business Ethics	3
PL-254	Contemporary Issues in Bioethics	3
PL-259	Technology, Society and Values	3
PL-287	Humanoids Morals and Machines	3

#### Topical Area Electives

PL-231	Philosophy of Religion	3
PL-232	Philosophy of Human Nature	3
PL-330	Beauty and the Beast	3
PL-340	Feminist Philosophy	3
PL-353	Philosophy of Mind	3
PL-376	Modern Philosophy and Literature	3
PL-388	Philosophical Issues on Film	3
PL-390	Special Projects in Philosophy	3
PL-425	Symbolic and Mathematical Logic	3

<sup>1</sup> To be satisfied in an upper division Philosophy course during the senior year.

### Requirements for Philosophy Major - Ethics and Moral Philosophy Concentration

PL-100	Introduction to Philosophy I	3
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PL-101	Introduction to Philosophy II	3
PL-153	Logic	3
PL-240	General Ethics	3
Capstone Experience		0
Electives in Interdisciplinary Ethics and Moral Philosophy (at least 4 PL courses)		18
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Total Credits		30

#### Interdisciplinary Ethics and Moral Philosophy Electives

PL-230	Critical Moral Thinking	3
PL-241	Environmental Ethics	3
PL-252	Justice and Human Rights	3
PL-253	Business Ethics	3
PL-254	Contemporary Issues in Bioethics	3
PL-259	Technology, Society and Values	3
PL-287	Humanoids Morals and Machines	3
CU-255	Ethics in Communications	3
CJ-258	Criminal Justice Ethics	3
TH-482	Christian Morality Today	3
TH-484	Christian Medical Ethics	3
TH-486	Morality in the Marketplace	3
TH-487	Theology of Social and Racial Justice	3

### Requirements for Philosophy Major - Ethical Leadership Concentration

PL-100	Introduction to Philosophy I	3
PL-101	Introduction to Philosophy II	3
PL-153	Logic	3
PL-240	General Ethics	3
One Additional PL Course in Ethics and Moral Philosophy		3
Electives (Chosen in consultation with Faculty advisor)		9
PL-200	Rhetoric, Speech and Argument	3
PL-380	Ethics and Leadership (Capstone)	3
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Total Credits		30

### Special Notes on Philosophy Major Requirements

- <sup>1</sup> Up to 6 credits of the required Philosophy Electives may be taken in other departments, in cognate courses approved by the Philosophy Department Chair.
- <sup>2</sup> 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-100	Introduction to Philosophy I	3
PL-101	Introduction to Philosophy II	3
PL-	Philosophy Electives	12
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Total Credits		18

# Physics Program

Dr. WeiDong Zhu, *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 <sup>1</sup>	3
PC-187	General Physics Laboratory I	1
PC-186	General Physics II <sup>1</sup>	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 <sup>2</sup>	4
MA-144	Integral Calculus <sup>2</sup>	4
MA-273	Multivariable Calculus I	4
MA-274	Multivariable Calculus II	4
CH-131	General Chemistry and Qualitative Analysis I	4
CH-131L	General Chemistry and Qualitative Analysis I Lab	0
PC-390	Independent Study in Physics	1
Total Credits		56

### Special Notes on Core Curriculum Requirements

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement. These courses may not be taken on a Pass/Fail basis.

### Special Note on Major Requirements and Electives

<sup>1</sup> 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 in Political Science	3
PO-201	American Government	3
PO-499	Political Science Capstone	0
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		33

#### Special Notes on Major Requirements

- <sup>1</sup> PO-499, the Political Science Capstone course must be taken at the University during the spring semester of a student's senior year.
- <sup>2</sup> 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 in Political Science	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, administered by The Guarini Institute through the Department of Political Science, 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. Professor Alain L. Sanders, Liaison to the Program, guides and supervises interested students from all major fields of study through the application process. Students interested in the Program should contact Professor Sanders. 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**

The Department of Political Science is home to the University's Pre-Law Advisor. Students desiring to learn about the law school application process, the course of study at law schools, or the professional practice of law should contact the Pre-Law advisor, Political Science Professor Alain L. Sanders. For more information about the Pre-Law Program 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. Alain L. Sanders, *Advisor*

The Pre-Law Program 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, Dr. Alain L. Sanders of the Political Science Department, 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.A./M.D. or B.S./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 these seven-year programs 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 or dental school track by Rutgers University. 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-physician assistant, pre-pharmacy, and 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 Physician Assistant, 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-Physician Assistant with Rutgers University or Seton Hall University

The Pre-Physician Assistant programs are designed to assist students who are interested in attending a Physician Assistant (PA) program after Saint Peter's University. Saint Peter's has combined degree programs with Rutgers University (New Brunswick, NJ) and Seton Hall University (South Orange, NJ) that lead to a Bachelors of Science in Biology from Saint Peter's and a Master of Science in PA from the respective partner school. Students who are admitted to these programs spend three years at Saint Peter's followed by three years at Rutgers or Seton Hall. Students with a strong high school record (verbal + math SAT > 1100-1150) and strong college record may be considered for these Pre-PA tracks; admission is conditional at all stages. Students in the Pre-PA tracks must maintain a minimum GPA of 3.0, conduct volunteer work with a PA, and pass an interview at the partner school. While at Saint Peter's, students pursuing the Pre-PA tracks must complete all 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 Organic Chemistry with lab, and at least one semester of Anatomy & Physiology with lab (BI-215, BI-215L). The Health Careers Advisor will assist students in planning their academic program.

### 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 > 1100) 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 tracks 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 > 1350) 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. Maryellen Hamilton, *Chairperson*

The Psychology Department offers a major in Psychology with optional concentrations in Clinical Psychology or Forensic Psychology. A minor in Psychology is also offered.

## Requirements for Psychology Major

### Degree of Bachelor of Science

PS-151	Introduction to Psychology	3
PS-200	Statistics and Research Methods	3
PS-205	Experimental Psychology	3
PS-210	Advanced Statistics and Computer Applications	3
PS-	Psychology Electives	12
Select three of the following courses:		9
PS-230	Childhood and Adolescence	
PS-250	Personality	
PS-260	Abnormal Psychology	
PS-420	History of Psychology	
PS-430	Industrial-Organizational Psychology	
Select two of the following courses with capstone laboratories: <sup>1</sup>		12
PS-305 & PS-306	Tests and Measurements and Capstone: Seminar Lab Tests and Measurements	
PS-310 & PS-311	Social Experimental Psychology and Capstone: Seminar Lab Social Experiment	
PS-320 & PS-321	Learning and Capstone: Seminar and Lab in Learning	
PS-350 & PS-351	Cognitive Processes and Capstone: Seminar and Lab in Cognitive Process	
PS-400 & PS-401	Moral Psychology and Capstone: Seminar and Lab in Moral Psychology	
PS-406 & PS-407	Political Psychology and Capstone: Seminar and Lab in Political Psychology	
PS-430 & PS-431	Industrial-Organizational Psychology and Capstone: Seminar and Lab in Industrial-Organizational Psychology	
PS-485 & PS-486	Memory and Capstone: Seminar and Lab in Memory	
PS-480 & PS-481	Special Topics in Psychology and Capstone: Seminar and Lab in Special Topics in Psychology	
Total Credits		45

<sup>1</sup> May take only 1 capstone laboratory per semester.

### Special Notes on Core Curriculum Requirements

<sup>1</sup> Psychology majors may not take courses designed for non science majors (including BI-122, BI-124, BI-125, BI-126, BI-127, BI-129, BI-130, PC-110) as part of the Natural Science Core Requirement. They must take 2 sequenced sciences e.g., BI-183/BI-184 (no lab required), CH-131/CH-132 ,or PC-185/PC-186.

<sup>2</sup> For the mathematics core requirement majors should take MA-105 Elementary Applied Math and MA-106 Introduction to Probability and Statistics.

## 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-260	Abnormal Psychology	3
PS-250	Personality	3
PS-340	Physiological Psychology	3
Select two of the following:		6
PS-455	Biological Foundations: Human Sexuality	
PS-450	Cross-Cultural Psychology	
PS-463	Psychopathology and Film	
PS-305	Tests and Measurements	
PS-420	History of Psychology	
PS-398	Undergrad Psychology Research	
Total Credits		15

### Concentration in Forensic Psychology

PS-435	Forensic Psychology	3
PS-305	Tests and Measurements	3
Select three of the following:		9
PS-220	Social Psychology	
PS-260	Abnormal Psychology	
PS-250	Personality	
PS-450	Cross-Cultural Psychology	
PS-485	Memory	
PS-398	Undergrad Psychology Research	
Total Credits		15

### Special Notes for Psychology-Education Double Majors

- <sup>1</sup> ED-170 Child and Adolescent Psychology may replace PS-230 Childhood and Adolescence.
- <sup>2</sup> ED-301 Tests and Measurements may replace PS-305.
- <sup>3</sup> Double majors must plan early for the capstone laboratories since students may not student teach and take capstone laboratories at the same time.
- <sup>4</sup> 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
Total Credits		18

# Radiography Collaborative Program

## A.A.S. Degree in Health Sciences

Christina Mortellaro, *Advisor*

Through this collaborative program between Saint Peter's University and the Hudson County Community College School of Radiography or 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 CarePoint Health School of Radiography or Englewood Hospital School of Radiography. Students are awarded the AAS degree from Saint Peter's University upon documented evidence of successfully completing the CarePoint Health School of Radiography program or 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 Hudson County Community College School of Radiography or 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 either Hudson County Community College or Englewood Hospital. Students must meet the admission requirements of the particular School of Radiography to which they are applying, be recommended by Saint Peter's Health Professions Advisory Committee, successfully complete an interview at Hudson County Community College School of Radiography or Englewood Hospital School of Radiography, and receive a passing grade of C or higher in any of the following courses taken during the fall semester at Saint Peter's University: BI-171 and BI-172, PS-151, MA-115, either PL-100 or TH-110, CS-150, EL-123, SO-121, and a Composition sequence based on placement: CM-104, CM-106/CM-117, 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 Hudson County Community College or Englewood Hospital. Students must satisfy all of the admission requirements of the particular School of Radiography to which they are applying, including volunteer service and the required level of performance on an entrance examination. The granting of admission is at the sole discretion of each individual 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 Hudson County Community College or Englewood Hospital School of Radiography.

Students who are not granted Conditional Admit Status by Hudson County Community College or Englewood Hospital School of Radiography cannot complete the A.A.S. Degree in Health Sciences. These students may, however, switch to one of the Associate's degree options offered by the School of Professional and Continuing Studies or to one of the Bachelor's degree options offered by the College of Arts and Sciences/School of Business Administration. 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
EL-123	Forms of Literature: Poetry and Drama	3
MA-115	Mathematics for the Health Sciences	3
PS-151	Introduction to Psychology	3
Select a 1st course in Composition Sequence:		3



CM-104 & CM-115	Introduction to English Composition and Introduction to English Composition II	
CM-106 & CM-117	Introduction to English Composition and Introduction to English Composition II	
CM-120	English Composition	
BI-172	Anatomy and Physiology II	4
CS-150	Introduction to Computers and Information Processing	3
Select a 2nd course in Composition Sequence:		3
CM-104 & CM-115	Introduction to English Composition and Introduction to English Composition II	
CM-106 & CM-117	Introduction to English Composition and Introduction to English Composition II	
or elective if originally placed in CM-120		
PL-100 or TH-110	Introduction to Philosophy I Religious Faith in the Modern World	3
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	Introduction to Social Justice	3
Select one of the following urban internships designated as Service Learning		3
UR-492	Urban Internship	
SO-492	Urban Internship	
Select one of the following Faith and Justice electives:		3
TH-487	Theology of Social and Racial Justice	
TH-484	Christian Medical Ethics	
Select one of the following Politics, Economics and the Environment electives:		3
EC-452	Economic Development	
BI-127	Contemporary Topics in Biology	
BI-129	Biological Issues: Decisions and Ethics	
SJ/SO-489	International Travel Course	
PO-423	Government and Politics in Latin America	
PO-410	Political Development	
Select one of the following Social Diversity and Stratification electives:		3
EC-324	Poverty and Inequality	
SO/SJ-136	Introduction to Lesbian, Gay, Bisexual and Transgendered Studies	
SO/AS/SJ-245	Haitians in America	
SO/UR/AS/SJ-412	Ethnicity and Race in Urban History	
AS/SO/SJ-352	Minority Group Relations	
SO-200	Ethnic and Racial Relations	
SO/SJ-351	Issues in the Latino Community	
SO-385	People and Culture of North America: Native Americans	
Select one of the following Social Movements and Change electives:		3
AS-460	U.S. Civil Rights Movement	
PO/SJ-130	Introduction to Nonviolence	
UR/SJ-328	Social Work in Urban Systems	
PO-311	Peace and Justice Issues Within Political Theory	
UR-465	Vietnam and the U.S.	
PO-498	Seminar: Political Poetry and 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 and a major in Urban Studies. Minors are offered in Sociology, Urban Studies, Africana Studies and Anthropology (p. 121). The Program in Public Policy in the School of Professional and Continuing Studies also offers both Associate's and Bachelor's degrees.

### 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/UR-450	Research Techniques: Social Sciences	3
SO/UR-492 or SO-495	Urban Internship Internship in International Settings	3
SO-496	Senior Seminar in Sociology	3
SO-	Sociology Electives	6
Total Credits		30

#### Special Notes on Core Curriculum Requirements for Sociology Major

- <sup>1</sup> Sociology majors are encouraged to take MA-105 Elementary Applied Mathematics and MA-106 Introduction to Probability and Statistics for the Core Mathematics Requirement.
- <sup>2</sup> Courses required for the major do NOT count towards the Core Social Science Requirement.

### Requirements for an Urban Studies Major

#### Degree of Bachelor Arts

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

#### Special Notes on Core Curriculum Requirements for Urban Studies Major

- <sup>1</sup> Urban Studies majors are encouraged to take MA-105 Elementary Applied Mathematics and MA-106 Introduction to Probability and Statistics for the Core Mathematics Requirement.
- <sup>2</sup> Courses required for the major do NOT count towards the Core Social Science Requirement.

### Requirements for a Minor in Urban Studies

UR-151	The Contemporary City	3
UR-	Urban Studies Electives	15
Total Credits		18

### 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	
WS-	Women's Studies course	
SO-	Sociology electives	12
Total Credits		18

### Requirements for a Minor in Anthropology

SO/BI-313	Human Evolution, Ecology and Adaptation <sup>1</sup>	3
SO-370	Urban Anthropology	3
SO-384	Cultural Anthropology	3
Select three of the following		9
SO-489	Globalization and Fieldwork Seminar <sup>2</sup>	
AS-177	Introduction to Africana Studies	
SO-130/LS-101	Introduction to Latin American and Latino Studies	
LS-203	Latino Popular Culture and the City	
CC-261	Archeology: Greece and Near East	
SO-232	China: Environmental Change and Possibilities	
SO-275	Pre-Columbian Civilizations	
SO-326	The Anthropology of Gender	
SO-360	Intercultural Relations	
SO-362	China: People, Culture and Society	
SO-385	People and Culture of North America: Native Americans	
SO/UR-412	Ethnicity and Race in Urban History	
SO-495	Internship in International Settings	
Total Credits		18

### Special Notes on Requirements for Anthropology Minor

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> Preferred but not required.

## Sports Management Program

Dr. La Quita Frederick, *Director*

The Sports Management Program offers both a major and a minor in Sports Management.

### 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 and Entertainment Marketing	3
SM-228	Introduction to Sports Management	3
SM-350	Sport Facility Operation and Event Management	3
SM-410	Legal and Ethical Issues in Sports	3
SM-251	Finance in the Sports Industry	3
SM-250	Media Relations in Sports	3
SM-450	The Global Sports Industry	3
SM-499	Internship	3
Choose 4 from the following courses:		12
PS-445	Sport Psychology	
SO-256	Sociology of Sports	
CU-340	Sports Writing	
PE-103	Principles and Foundations of Physical Education	
HE-355	Fitness and Wellness	
Total Credits		45

#### Special Notes on Core Curriculum Requirements

- <sup>1</sup> MA-105 Elementary Applied Mathematics and MA-106 Introduction to Probability and Statistics are recommended for the Mathematics Core Requirement.
- <sup>2</sup> SO-121 is recommended as one of the two options for the Social Science Core Requirement, as it is a prerequisite for SO-256.
- <sup>3</sup> 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 and Entertainment Marketing	3
SM-228	Introduction to Sports Management	3
SM-350	Sport Facility Operation and Event Management	3
SM-410	Legal and Ethical Issues in Sports	3
SM Electives		6
Total Credits		18

## Department of Theology

Dr. Maria Calisi, *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 <sup>1</sup>	3
TH-120	Intro to the Study of Christianity <sup>1</sup>	3
TH-300	Methods and Sources of Theology	3
TH-301	Modern Christian Community: The Church	3
TH-320	Survey of the Old Testament	3
TH-330	Survey of the New Testament	3
TH-350	Who Is Jesus Christ?	3
TH-495	Theology Capstone	3
TH-	Theology Electives	9
Select one of the following:		3
TH-310	The Theology of Grace	
TH-436	The Christian Sacraments	
TH-477	Christian Spirituality	
TH-482	Christian Morality Today	
TH-497	St. Augustine and The Confessions	
Total Credits		36

<sup>1</sup> May count towards the Core Theology Requirement.

### Special Notes on Major Requirements

- Theology majors may take up to nine credits in approved cognate courses in other departments in fulfillment of the Theology electives requirement.
- Courses in Classical and Modern Languages and in Philosophy are strongly recommended.
- Students considering a major in Theology should take TH-110 and TH-120 in their Freshman year. The Core Philosophy courses should be taken in Sophomore year.
- Required Theology electives are taught only every second or third year, so they should be taken as soon as possible after completion of TH-110 and TH-120.
- 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
or TH-121	Space, Place and the City (Metropolitan Seminar)	
TH-120	Intro to the Study of Christianity	3
or TH-122	Pilgrimage in the City	
TH-	Theology electives	12
Total Credits		18

# School of Education

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Joseph V. Doria, Jr., Ed.D., *Dean*

The 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. All students majoring in Elementary Education must also choose an accompanying approved second major. See the list offered in the following section. The undergraduate program in Education provides pre-professional training for teaching on the 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 Field Experience and Seminar
- successful completion of either ED-160 or ED-170/ED-203
- entrance interview and recommendation of School of Education Faculty
- taking the Praxis I Core Exam

Exit requirements include:

- 2.75 minimum overall grade point average thru August 2016 and 3.0 after September 1, 2016
- exit interview conducted in Student Teacher Seminar
- Praxis Exam in area student wishes to be certified

## **New Jersey Certification Requirements**

**Elementary School Teacher certification requires students to complete:**

- core curriculum requirements
- coherent sequence in Elementary Education
- academic major in liberal arts, science, or technology
- required Praxis test<sup>1</sup>

**Middle School Teacher certification requires students to complete:**

- core curriculum requirements
- coherent sequence in Elementary Education
- academic major in liberal arts, science, or technology
- 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 Praxis exam<sup>1</sup>

**Secondary School certification requires students to complete:**

- core curriculum requirements
- academic major and minor in Secondary Education
- required Praxis exam<sup>1</sup>

<sup>1</sup> Note: As of 2014, all students will be required to take the Praxis exam before being permitted to student teach.

## Areas Of Certification

### Elementary Education Program

- Elementary Classroom Teacher (K-6)

**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

### Accompanying Majors For Elementary

- American Studies
- Art History
- Biology
- Biological Chemistry
- Chemistry
- Classical Civilizations
- Classical Languages
- Communication
- Computer Science
- Criminal Justice
- Economics
- English Literature
- Fine Arts
- French
- Graphic Arts
- Health and Physical Education
- History
- Marketing Management (Secondary Education only)
- Mathematics
- Modern Language (Italian Concentration)
- Philosophy
- Physics
- Political Science
- Psychology
- Sociology
- Spanish
- Theology
- Urban Studies
- Visual Arts

### 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)

#### Degree of Bachelor of Arts

All Elementary Education students who wish to receive a State of New Jersey Teaching Certificate (K-6) are also required to complete an academic major chosen from those offered by the college in the arts, humanities, social sciences, mathematics, science, or technology disciplines. The chosen major must be the full academic major offered by an academic department or it may be a multi- or inter-disciplinary major such as American Studies or a composite major. Students must complete a Double Major form which is available in the Registrar's office. 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 and Schooling in a Multicultural Society	3
ED-170	Child and Adolescent Psychology	3
ED-490	Sophomore Field Experience	1

#### Junior Year (16 credits)

EE-202	Elementary Curriculum	3
EE-204	Teaching Language Arts in the Elementary School Using Technology	3
EE-206	Teaching Reading in the Elementary School	3
EE-212	Teaching Mathematics in the Elementary School	3
EE-214	Teaching Science in the Elementary School Using Technology	3
ED-491	Junior Field Experience	1

#### Senior Year (14 credits)

ED-301	Tests and Measurements	3
ED-493	Practicum in Reading	3
EE-495	Student Teaching: Elementary	8

Total Credits		37
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### 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, complete an academic major chosen from those offered by the University in the arts, humanities, social sciences, mathematics, science, or technology disciplines and complete a sequence of courses approved for middle school certification in mathematics, science, English, and social science.

#### Special Notes on Core Curriculum Requirements for Elementary Education Majors

- <sup>1</sup> 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.
- <sup>2</sup> 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 and Schooling in a Multicultural Society	3
ED-203	Educational Psychology (or with permission ED-170)	3
ED-490	Sophomore Field Experience	1
ED-491	Junior Field Experience	1
SE-370	Improvement of Reading in the The Secondary Schools Using Technology	3
SE-400	Principles and Techniques of Teaching in the Secondary School	3
SE-408	Principles of High School Curriculum	3
SE-495	Student Teaching: Secondary	8
Total Credits		25

# Health and Physical Education Program

Dr. Stephanie Bryan, *Director*

This major is offered through the School of Education.

The Health and Physical Education Program offers a major in Health and Physical Education with a concentration in Health Education or Physical Education to prepare students for employment in a number of venues including commercial fitness, corporate health and fitness, and community recreation and health promotion. 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 would be part of the Minor in Secondary Education.

## Requirements for the Health and Physical Education Major

### Degree of Bachelor of Science

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

BI-122	Nutrition in Health and Disease <sup>1</sup>	3
BI-171	Anatomy and Physiology I <sup>1</sup>	4
BI-171L	Anatomy and Physiology I Lab	0
BI-172	Anatomy and Physiology II	4
BI-172L	Anatomy and Physiology II Lab	0
HE-271	Concepts of Public Health	3
HE-486	Current Issues in Health Education	3
PE-103	Principles and Foundations of Physical Education	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-410	Legal and Ethical Issues in Sports <sup>2</sup>	3
HE-	2 HE- courses	6
PE-	2 PE- courses	6
Total Credits		53

<sup>1</sup> May count towards the Core Natural Science requirement.

<sup>2</sup> May count towards the Core Values requirement.

### 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.

# School of Nursing

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Prof. Lisa Garsman, *Generic B.S.N., Program Director*, Prof. Patricia Ahearn, *R.N. to B.S.N., Program Director*

The School of Nursing offers two distinct programs which lead towards the Bachelor of Science in Nursing (BSN) degree: the Generic or Basic BSN Program and an Upper Division RN to BSN Program.

**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.

**Upper Division RN to BSN Program** - offered at the Englewood Cliffs 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) One Dupont Circle, Suite 530 Washington, DC 20036  
[www.aacn.nche.edu/ccne-accreditation](http://www.aacn.nche.edu/ccne-accreditation)

## 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 V examination. Students should consult Undergraduate Admissions for information about how to register for the TEAS V examination.
3. Students may only take the TEAS V 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 V 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 C+ 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 Professional Nursing Practice	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 for Child-Bearing Families	5
NU-360	Computer Applications in Nursing and Health Care	2
NU-390	Introduction to Nursing Research	3
NU-404	Psychiatric-Mental Health Nursing	5
NU-414	Nursing Care for Children and Adolescents	5
NU-416	Social Justice Ethics and Health Care	3
NU-420	Community Health Nursing	4
NU-430	Nursing Care for 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
PS-235	Life Span Development	3
Total Credits		71

**Special Note on Core Requirements**

<sup>1</sup> The Core Curriculum Requirements are the same as those for CAS/SBA undergraduate day students.

**Special Notes on Major Requirements**

- <sup>1</sup> To successfully complete the program, all courses, both for the major and for the core, must be taken in the sequence given by the School of Nursing.
- <sup>2</sup> 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. To enroll in the first clinical nursing course, NU-250 Clinical Bases of Professional Nursing, students must have satisfactorily completed all prerequisite courses and have a GPA of 3.0. or higher and a grade of C+ or higher in each of the following courses: BI-171 Anatomy & Physiology I, BI-172 Anatomy and Physiology II, BI-161 Basic Microbiology, and these science courses may be repeated only one time.
- <sup>3</sup> 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. With the exception of NU-250, Clinical Bases of Professional Nursing, for which the first time failure of this course will result in dismissal from the nursing program. NU-250, Clinical Bases of Professional Nursing, may only be taken one time. 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.
- <sup>4</sup> If a student registers for a nursing course and withdraws after the first graded assignments or exam, this is considered the student's the first attempt. If the student registers for the same course and again withdraws OR the student registers for the same course and should receive a final grade below C+ the student will be dismissed from the nursing major. However the student may remain at Saint Peter's and pursue a different major.
- <sup>5</sup> All nursing courses must be taken in sequence with a satisfactory grade of 78 or higher earned before continuing with the next nursing course.
- <sup>6</sup> 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.
- <sup>7</sup> All students must participate in the enrichment/preparatory/remediation program beginning with their first clinical course.
- <sup>8</sup> All students must take the Summative Examination (HESI 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 will be given two (2) opportunities to achieve the specified score. Prior to the examination, the School of Nursing will establish a specified passing score. Students who achieve the specified passing score or better will receive a grade of 100 percent for the examination. Students who achieve less than the specified passing score will receive a grade of zero percent for the examination.

**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.

1. Submit actual titer reports for rubella, rubeola, varicella, mumps showing immunity.
2. Proof of Hepatitis B immunity, vaccine (strongly recommended), or signed waiver.
3. Negative Mantoux within the past 6 months or if positive Mantoux history, chest x-ray negative for tuberculosis within one (1) year.
4. 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.
5. 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.
6. 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.
7. Criminal Background Checks & Drug Screening - 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. The School of Nursing will provide students with the form entitled: Request, Authorization, Consent and Release for Information Form by the School of Nursing.
8. 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.
9. Students must achieve a 90% or higher on the Medication Safety and Competency Examination for each of the clinical nursing courses. Students must achieve 100% in the final semester clinical nursing course. A student must achieve the required benchmark in order to meet the clinical requirement of medication administration. The School of Nursing will schedule the Medication Safety and Competency Examination the first day of classes. Students who do not achieve the required passing score on the first attempt must continue to remediate in order to pass the clinical component of the course. If the student cannot demonstrate medication calculation safety and competency by the third attempt, and therefore cannot achieve the clinical component of the course, the student will receive an unsatisfactory rating in clinical and fail the course regardless of the performance on tests and/or quizzes.

## 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.



# Upper Division RN to BSN Program (Englewood Cliffs Campus)

## 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.

PS-151	Introduction to Psychology <sup>1</sup>	3
PS-235	Life Span Development	3
PS-200	Statistics and Research Methods <sup>2</sup>	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 <sup>1</sup>	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 <sup>3</sup>	3
<b>Transfer credit for lower-division nursing courses</b>		<b>30</b>
Upper division nursing courses (31 credits)		
NU-302	Seminar in Professional Nursing	2
NU-304	Pathophysiology	3
NU-310	Health Assessment	4
NU-330	Care of Families and Aggregates	4
NU-350	Trends and Issues in Nursing	2
NU-390	Introduction to Nursing Research	3
NU-420	Community Health Nursing	4
NU-440	Leadership and Management in Nursing	4
NU-450	Nurse/Client Educator	2
NU-452	Women's Health Issues	3
<b>Total Credits</b>		<b>85</b>

<sup>1</sup> May count towards the Core Natural Science Requirement.

<sup>2</sup> May count towards the Core Mathematics Requirement.

<sup>3</sup> May count towards the Core Social Science Requirement.

### 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:

AR-127	Introduction to the Visual Arts	3
or AR-128	Introduction to Music	
CM-120	English Composition (or equivalent English Composition II)	3
EL-123	Forms of Literature: Poetry and Drama	3
EL-134	Fiction	3
HS-121	The Western Tradition	3
HS-122	World Perspectives in History	3
or HS-123	Special Topics in History	
Modern Language		3

PL-100	Introduction to Philosophy I	3
PL-101	Introduction to Philosophy II	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	
UR-151	The Contemporary City	
Total Credits		36

## Special Notes on Major Requirements

- 1 Applicants wanting to major in nursing may 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 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 NU-302 Seminar in Professional Nursing must be taken either before or concurrently with NU-310 Health Assessment Across the Life Span.
- 5 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.
- 6 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.
- 7 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 followup 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.

- 1 **Current NJ Nursing License**
- 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 Mantoux 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.

- 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.
- 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 Health Care 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. The School of Nursing will provide students with the form entitled: Request, Authorization, Consent and Release for Information Form by the School of Nursing.
- 9 **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.

# School of Professional & Continuing Studies

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## Welcome

Welcome to the School of Professional and Continuing Studies (SPCS). We serve students who are seeking:

- **Degree Completion.** Get a valuable University degree which capitalizes on qualified prior earned credits.
- **Knowledge.** Advance your career and improve your understanding of the world.
- **Values.** Gain new understanding of the Jesuit tradition of integrity and service.

The mission of SPCS is to provide a quality education based on Jesuit values and ideals to new and returning adult students. The curriculum and the calendar reflect contemporary theory and research on best practices for fostering adult learning.

The School of Professional and Continuing Studies offers the following degrees: Bachelor of Science in Business Administration (BSBA) with concentrations in Accounting, Business Management, Marketing Management and Healthcare Management, Bachelor of Professional Studies (BPS) with Humanities, General Studies, or Social Science concentrations, Bachelor of Arts in Criminal Justice or Education, and Bachelor of Science in Urban Studies (Public Policy). In conjunction with the School of Nursing we also offer an RN-BSN degree for nurses, in either an express track or online format. Minors are available for students seeking Bachelor of Science, Bachelor of Professional Studies, and Bachelor of Arts degrees. We offer associate degree options as well.

SPCS courses are delivered in adult-friendly eight-week sessions, using a hybrid or blended learning format which combines face-to-face instruction with a distance learning component. We also offer a variety of totally online courses.

## Convenient Locations

Saint Peter's University offers undergraduate adult programs at the following sites: Jersey City (Kennedy Boulevard), Englewood Cliffs (just off the Palisades Parkway), and selected corporate facilities.

## Admissions Information

Applicants seeking admission to the School of Professional and Continuing Studies should send an inquiry (<https://crm.orionondemand.com/crm/forms/C7k03RkSA7020x670c0r>) from our website, including an email address and telephone number, or you may click here to access our online application. (<http://www.saintpeters.edu/adult-undergraduate-admission/admission-application>) An official transcript from each college or university attended should be sent to the school, although admissions decisions may be based on unofficial transcripts. Saint Peter's University will evaluate transfer credit based on official transcripts, and may waive or award credit for prior higher education, up to 66 credits from a two-year college and 90 credits from a four-year regionally accredited college. A minimum of one-half of the credits to be applied to any major or minor and the last 30 credits must be taken at Saint Peter's.

## Alternative Approaches to Earning College Credit

Adult students enrolled in the School of Professional and Continuing Studies may also qualify for up to 15 credits through each of the following programs:

- College Level Examination Program (CLEP)
- Prior Learning Experience

## Alpha Sigma Lambda, The National Honor Society for Adult Students

The School of Professional and Continuing Studies sponsors a chapter of Alpha Sigma Lambda, the national honor society for adult students. Membership in the Psi Sigma Psi chapter is open to any student who has completed at least twenty-four credits in residency at Saint Peter's, maintained at least a 3.2 overall GPA, and is in the top 20% of all SPCS students. Inductions into Alpha Sigma Lambda occur annually during the fall semester at the SPCS Michaelmas ceremony. Students who attended SPCS in the prior academic year are considered and invited to apply.

## SPCS Core Curriculum (Bachelor's Degree)

### SPCS Core Requirements For Bachelor's Degrees

AR-127	Introduction to the Visual Arts	3
or AR-128	Introduction to Music	
CM-120	English Composition (or equiv)	3
EL-123	Forms of Literature: Poetry and Drama	3
EL-134	Fiction	3
HS-121	The Western Tradition	3
HS-122	World Perspectives in History	3
MA-106	Introduction to Probability and Statistics	3
Modern Language		3
Select two Social Science courses from the following:		6
EC-100	Introduction to Economics	
EC-101	Macroeconomic Principles	
PO-100	Perspectives on Politics	
SO-121	Introduction to Sociology	
UR-151	The Contemporary City	
Natural Sciences: select two courses (Biology, Chemistry, Computer Science, Physics, Psychology, NS-110, EV-100, EV-101)		6
PL-100	Introduction to Philosophy I	3
PL-101	Introduction to Philosophy II	3
TH-110	Religious Faith in the Modern World	3
TH-120	Intro to the Study of Christianity	3
Total Credits		48

# Business Administration (BSBA)

## Bachelor's Degree Programs

### Bachelor of Science in Business Administration

The BSBA was developed to afford busy adults a degree option that would recognize the full range of their abilities in a convenient and flexible format. In addition to completing the general curriculum core, all BSBA candidates must complete a business core and a concentration in either accountancy, management or healthcare management.

In addition to the core curriculum requirements, BSBA students must complete the business core courses and concentration courses as detailed on the following pages.

### Business Core Requirements

All BSBA majors will take a core of business courses. These courses are the common subjects that differentiate a business degree from other degree programs. The following is a list of these courses.

BA-155	Principles of Marketing	3
BA-151	Principles of Management	3
AC-151	Principles of Accounting I	3
AC-152	Principles of Accounting II	3
BL-161	Introduction to Law and Contracts	3
EC-101	Macroeconomic Principles	3
EC-102	Microeconomic Principles	3
EC-300	Statistics for Business, Finance and Economics	3
FN-410	Business Finance (required for accounting majors)	3
or FN-401	Introduction to Corporate Finance	
Total Credits		27

### Special Note on Core Curriculum

Students in the BSBA programs are encouraged to take CS-150 as part of their natural science requirement.

### Requirements for Bachelor of Science in Business Administration Concentration in Accounting

Business Core		27
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
BA-458	Business Strategy	3
FN-411	Financial Management	3
BL-162	Agency and Business Organization	3
BA-325	Ethics: Business and Economic Community	3
BA-465	Executive Seminar	3
Total Credits		60

### Special Note on Core Curriculum Requirements

The Department of Accountancy strongly recommends MA-123 Elementary Calculus I as the core mathematics requirement for accountancy majors, but will accept MA-106 Introduction to Probability and Statistics. Neither math course may be taken on a Pass/Fail basis.

### Special Note on Major Requirements

In order to satisfy some of the requirements needed to sit for the CPA Examination in the State of New Jersey, nine business elective credits must be completed. Business electives may be selected from courses in accountancy, business law, data processing, and management/marketing. In addition, New York State requires statistics (3 credits). Students who expect to sit for the CPA Examination in another state should verify the specific academic requirements of that state.

### Requirements for Bachelor of Science in Business Administration Concentration in *Business Management*

Business Core		27
BA-240	Organizational Behavior	3
BA-282	Leadership	3
BA-347	International Management	3
BA-458	Business Strategy	3
BA-496	Seminar in Business Administration	3
BA-325	Ethics: Business and Economic Community	3
Total Credits		45

### Requirements for Bachelor of Science in Business Administration Concentration in *Marketing Management*

Business Core		27
BA-250	Consumer Behavior	3
BA-319	International Marketing	3
BA-325	Ethics: Business and Economic Community	3
BA-351	Marketing Research	3
BA-458	Business Strategy	3
BA-465	Executive Seminar	3
Total Credits		45

### Requirements for Bachelor of Science in Business Administration Concentration in *Healthcare Management*

(offered only at the Jersey City Campus)

Business Core		27
HM-210	Healthcare Issues and Organization	3
HM-310	Budgeting and Financing in the Healthcare Industry	3
HM-380	Legal and Ethical Aspects of Healthcare Management	3
HM-480	Advanced Concepts in Healthcare Management and Marketing	3
BA-458	Business Strategy	3
BA-465	Executive Seminar	3
Total Credits		45

### Requirements for Bachelor of Science in Business Administration Concentration in *International Business*

Business Core		27
BA-246	Export Management	3
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	3
Total Credits		45

**Special Note on Major Requirements**

Business Administration majors are required to maintain a 2.3 average or higher in all of their BA and cognate requirements in order to graduate.



# Professional Studies (BPS)

## Bachelor of Professional Studies

The BPS was developed to afford interested adults several general studies options: Interdisciplinary Studies, Social Sciences, and Humanities. These options enable adult students with diverse interests and prior college credits to develop a degree program that matches their career goals and, if appropriate, their employer's needs. These programs are particularly effective for students with many credits from other colleges or for students who believe they may use assessment and testing to earn credit. Students may use credit from many departments to meet major requirements. Students develop these programs with an advisor from the dean's office.

### Requirements for Bachelor of Professional Studies in *Humanities*

Saint Peter's offers a Bachelor's degree in the Humanities, a general studies program for adults enrolled in the School of Professional and Continuing Studies at the main campus or at the Englewood Cliffs Campus. The University also has an Associate degree program in the Humanities. Students interested in these programs are assigned an advisor by the dean.

In addition to fulfilling the core curriculum requirements, Humanities majors pursuing a Bachelor's degree must complete 30 credits of upper-division Humanities electives. Courses in the following areas qualify as Humanities electives: Literature, English, Fine Arts, Communications, History, Modern Languages, Philosophy and Theology.

### Special Note on Humanities Requirements

The upper-division Humanities electives are to be selected with the approval of an advisor assigned by the dean.

### Requirements for Bachelor of Professional Studies in *General Studies*

In instances where students wish to meet some special cultural or vocational objective, they may develop a major in General Studies which is designed in consultation with the dean and mentored by an advisor appointed by the dean.

An general studies major should consist of 30 credits of upper level courses to be selected with the approval of an advisor assigned by the dean.

### Requirements for Bachelor of Professional Studies in *Social Sciences*

Saint Peter's University offers a BPS degree in the Social Sciences, a general studies program for adults enrolled in the School of Professional & Continuing Studies at the main campus or at the Englewood Cliffs Campus. The University also has an Associate degree program in the Social Sciences. Students interested in these programs are assigned an advisor by the dean.

In addition to fulfilling the core curriculum requirements, Social Science majors pursuing a Bachelor's degree must complete 30 credits of upper-division Social Science electives.

Courses taken in the following areas qualify as Social Sciences electives: Africana Studies, Economics, Education (ED courses) Political Science, Sociology , Urban Studies, Social Justice, Latino Studies and Women's Studies.

### Special Note on Social Science Requirements

The upper-division Social Sciences electives are to be selected with the approval of an advisor assigned by the dean.

# Criminal Justice (BA) - SPCS

## Bachelor of Arts Degree Program in Criminal Justice

Students choosing the Criminal Justice major may elect to concentrate in Law and Justice, Corrections, Police Administration, Investigative Science, or Criminal Research.

### Major Requirements

CJ-165	Introduction to Criminology	3
CJ-170	Introduction to Criminal Justice	3
CJ/SO-253	Social Deviance	3
CJ-258	Criminal Justice Ethics (Values)	3
CJ-280	Juvenile Delinquency	3
CJ-285	Criminal Corrections Systems	3
CJ-315	Criminal Procedure	3
CJ-316	Criminal Evidence	3
CJ-350	Research Techniques and Data Analysis	3
AS/UR-412	Ethnicity and Race in Urban History	3
CJ-489	Senior Seminar in Criminal Justice	3
PS-151	Introduction to Psychology <sup>1</sup>	3
Concentration: Choose one of the 4 concentrations below		9
Total Credits		45

### Special Note on Core Requirements for Criminal Justice Majors

<sup>1</sup> May count towards the Core Natural Science Requirement.

### Concentration in Law and Justice

Choose 3 of the following courses <sup>1</sup>		9
CJ-222	Family Law	
CJ-290	Comparative Justice Systems	
CJ-299	Leadership for Criminal Justice	
CJ-390	Criminal Law	
CJ-406	Homicide: Investigation and Prosecution	
CJ-485	Child Protection Agencies and the Law	
CJ-486	Internship I	
or CJ-487	Internship II	
PO-410	Political Development	
PO-477	International Law	
UR/AS-320	Urban Legal Issues	
UR/AS-333	Black Community and the Law	
Total Credits		9

### Concentration in Corrections

Choose 3 of the following courses <sup>1</sup>		9
CJ-222	Family Law	
CJ-290	Comparative Justice Systems	
CJ-299	Leadership for Criminal Justice	
CJ-395	Probation and Parole	
CJ-485	Child Protection Agencies and the Law	

CJ-486 or CJ-487	Internship I Internship II	
PS-250	Personality	
PS-260	Abnormal Psychology	
Total Credits		9

### Concentration in Police Administration

CJ-175	Introduction to Law Enforcement	3
Choose 2 of the following <sup>1</sup>		6
CJ-177	Police Culture	
CJ-260	Traffic Management	
CJ-299	Leadership for Criminal Justice	
CJ-359	Corruption	
CJ-396	Community Policing	
CJ-400	Police Administration	
CJ-435	Police Patrol	
CJ-486 or CJ-487	Internship I Internship II	
Total Credits		9

### Concentration in Police Criminal Research & Intelligence Analysis

AC-151	Principles of Accounting I	3
Choose 2 of the following <sup>1</sup>		6
CJ-240	Gangs and Organized Crime	
CJ-299	Leadership for Criminal Justice	
CJ-358	White Collar Crime	
CJ-418	Introduction to Forensics Techniques	
CJ-419	Terrorism and Threat Assessment	
CJ-486 or CJ-487	Internship I Internship II	
Total Credits		9

### Special Notes on Major Requirements for Criminal Justice

<sup>1</sup> A single course may not count towards both the core major requirement and a concentration.

<sup>2</sup> A student must maintain a 2.25 average in the Criminal Justice major and concentration courses.

## Elementary Education (BA)

This major is offered by the School of Education through the evening program of the School of Professional and Continuing Studies at both the Jersey City and Englewood Cliffs Campuses.

### MAJOR AND MINOR REQUIREMENTS

#### Requirements for Elementary Education Major (Grades K - 6)

##### Degree of Bachelor of Arts

All Elementary Education students who wish to receive a State of New Jersey Teaching Certificate (K-6) are also required to complete an academic major chosen from those offered by the college in the arts, humanities, social sciences, mathematics, science, or technology disciplines. The chosen major must be the full academic major offered by an academic department or it may be a multi- or inter-disciplinary major such as American Studies or a composite major. Students must complete a Double Major form which is available in the Registrar's office. 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 and Schooling in a Multicultural Society	3
ED-170	Child and Adolescent Psychology	3
ED-490	Sophomore Field Experience	1

##### Junior Year (16 credits)

EE-202	Elementary Curriculum	3
EE-204	Teaching Language Arts in the Elementary School Using Technology	3
EE-206	Teaching Reading in the Elementary School	3
EE-212	Teaching Mathematics in the Elementary School	3
EE-214	Teaching Science in the Elementary School Using Technology	3
ED-491	Junior Field Experience	1

##### Senior Year (14 credits)

ED-301	Tests and Measurements	3
ED-493	Practicum in Reading	3
EE-495	Student Teaching: Elementary	8

Total Credits		37
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#### 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, complete an academic major chosen from those offered by the University in the arts, humanities, social sciences, mathematics, science, or technology disciplines and complete a sequence of courses approved for middle school certification in mathematics, science, English, and social science.

#### Special Notes on Core Curriculum Requirements for Elementary Education Majors

- <sup>1</sup> 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.
- <sup>2</sup> CS-150 Introduction to Computers and Information Processing is recommended as part of the Core Natural Science Requirement.

## Minors

### Minor Programs

Minors are offered in Business Management, Healthcare Management, International Business, Marketing Management, Criminal Justice, Psychology, Social Justice, Sociology, Urban Studies, and Theology. GPA in Business Management, Healthcare Management, International Business and Marketing Management must be 2.3 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-	Elective from the list: Selected Business Electives (cannot be double-counted)	3
BA-	Elective at the 300-level or Above (cannot be double-counted)	3
Total Credits		18

#### Requirements for the Minor in Healthcare Management

HM-	Healthcare Management Electives	12
BA-	Business Administration Electives	6
Total Credits		18

The Minor in Healthcare Management is offered at the Jersey City Campus and selected off-site locations.

#### 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-	Elective from the list: Selected Business Electives (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-	Elective from the list: Selected Business Electives (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 Criminal Justice

CJ-165	Introduction to Criminology	3
CJ-170	Introduction to Criminal Justice	3
CJ-253	Social Deviance	3
CJ-285	Criminal Corrections Systems	3
CJ-315	Criminal Procedure	3

CJ-350	Research Techniques and Data Analysis	3
Total Credits		18

### Special Notes on Requirements for Criminal Justice Minors

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

### Requirements for a Minor in Psychology

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

### Requirements for Minor in Social Justice

SJ/PO-250	Introduction to Social Justice	3
Select one of the following urban internships designated as Service Learning		3
UR-492	Urban Internship	
SO-492	Urban Internship	
Select one of the following Faith and Justice electives:		3
TH-487	Theology of Social and Racial Justice	
TH-484	Christian Medical Ethics	
Select one of the following Politics, Economics and the Environment electives:		3
EC-452	Economic Development	
BI-127	Contemporary Topics in Biology	
BI-129	Biological Issues: Decisions and Ethics	
SJ/SO-489	International Travel Course	
PO-423	Government and Politics in Latin America	
PO-410	Political Development	
Select one of the following Social Diversity and Stratification electives:		3
EC-324	Poverty and Inequality	
SO/SJ-136	Introduction to Lesbian, Gay, Bisexual and Transgendered Studies	
SO/AS/SJ-245	Haitians in America	
SO/UR/AS/SJ-412	Ethnicity and Race in Urban History	
AS/SO/SJ-352	Minority Group Relations	
SO-200	Ethnic and Racial Relations	
SO/SJ-351	Issues in the Latino Community	
SO-385	People and Culture of North America: Native Americans	
Select one of the following Social Movements and Change electives:		3
AS-460	U.S. Civil Rights Movement	
PO/SJ-130	Introduction to Nonviolence	
UR/SJ-328	Social Work in Urban Systems	
PO-311	Peace and Justice Issues Within Political Theory	
UR-465	Vietnam and the U.S.	
PO-498	Seminar: Political Poetry and Music	
Total Credits		18

The Minor in Social Justice is offered only at the Jersey City Campus.

### Requirements for a Minor in Urban Studies

UR-151	The Contemporary City	3
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UR-	Urban Studies Electives	15
Total Credits		18

The Minor in Urban Studies is offered only at the Jersey City Campus.

### 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	
WS-	Women's Studies course	
SO-	Sociology electives	12
Total Credits		18

### 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
or TH-121	Space, Place and the City (Metropolitan Seminar)	
TH-120	Intro to the Study of Christianity	3
or TH-122	Pilgrimage in the City	
TH-	Theology electives	12
Total Credits		18

## Associate Degrees

### Requirements for Humanities Major Degree of Associate of Arts (AA)

#### Core Curriculum Requirements

AR-127	Introduction to the Visual Arts	3
or AR-128	Introduction to Music	
CM-120	English Composition (or equiv.)	3
EL-123	Forms of Literature: Poetry and Drama	3
EL-134	Fiction	3
HS-121	The Western Tradition	3
HS-122	World Perspectives in History	3
MA-106	Introduction to Probability and Statistics	3
Social Sciences: Select two courses in different disciplines to be selected from:		6
EC-100	Introduction to Economics	
EC-101	Macroeconomic Principles	
PO-100	Perspectives on Politics	
SO-121	Introduction to Sociology	
UR-151	The Contemporary City	
Natural Sciences: Select two courses (Biology, Chemistry, Computer Science, Physics, Psychology, NS-110, EV-100, EV-101)		6
PL-100	Introduction to Philosophy I	3
TH-110	Religious Faith in the Modern World	3
TH-120	Intro to the Study of Christianity	3
Total Credits		42

#### Major Requirements

Upper-division Humanities Electives	24
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### Requirements for Social Sciences Major Degree of Associate of Arts (AA)

#### Core Curriculum Requirements

AR-127	Introduction to the Visual Arts	3
or AR-128	Introduction to Music	
CM-120	English Composition (or equiv.)	3
EL-123	Forms of Literature: Poetry and Drama	3
EL-134	Fiction	3
HS-121	The Western Tradition	3
HS-122	World Perspectives in History	3
MA-106	Introduction to Probability and Statistics	3
Social Sciences: Select two courses in different disciplines to be selected from:		6
EC-100	Introduction to Economics	
EC-101	Macroeconomic Principles	
PO-100	Perspectives on Politics	
SO-121	Introduction to Sociology	
UR-151	The Contemporary City	
PL-100	Introduction to Philosophy I	3
Natural Sciences: Select two courses (Biology, Chemistry, Computer Science, Physics, Psychology, NS-110, EV-100, EV-101)		6
TH-110	Religious Faith in the Modern World	3



TH-120	Intro to the Study of Christianity	3
Total Credits		42

### Major Requirements

Upper-division Social Science electives	24
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### Requirements for Health Sciences Major Degree of Associate of Applied Science (AAS)

Saint Peter's University, in collaboration with Holy Name Hospital School of Nursing which is located in Teaneck, New Jersey, has developed a program which enables students who successfully complete the diploma program at Holy Name to earn an Associate of Applied Science in Health Sciences. The program is available to students who complete the residency requirement of 30 Saint Peter's University credits at the Englewood Cliffs Campus.

### Curriculum Requirements

BI-161	Basic Microbiology	4
BI-171	Anatomy and Physiology I	4
BI-172	Anatomy and Physiology II	4
CM-120	English Composition (or equiv.)	3
EL-123	Forms of Literature: Poetry and Drama	3
AR-127	Introduction to the Visual Arts	3
SO-121	Introduction to Sociology	3
PS-151	Introduction to Psychology	3
PS-235	Life Span Development	3
PL-100	Introduction to Philosophy I	3
PL-151	Contemporary Ethical Issues	3
Health Science Major Courses (nursing courses taken at Holy Name Hospital School of Nursing)		30
Total Credits		66

### Requirements for Business Management Major Degree of Associate of Science (AS)

#### Core Curriculum Requirements

AR-127	Introduction to the Visual Arts	3
or AR-128	Introduction to Music	
CM-120	English Composition (or equiv.)	3
EL-123	Forms of Literature: Poetry and Drama	3
EL-134	Fiction	3
HS-121	The Western Tradition	3
MA-106	Introduction to Probability and Statistics	3
PO-100	Perspectives on Politics	3
or SO-121	Introduction to Sociology	
CS-150	Introduction to Computers and Information Processing	3
Select one of the following groupings:		6
PL-100 & PL-101	Introduction to Philosophy I and Introduction to Philosophy II	
TH-110 & TH-120	Religious Faith in the Modern World and Intro to the Study of Christianity	
Total Credits		30

### Major Requirements for Business Management

BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-240	Organizational Behavior	3
BA-282	Leadership	3
BA-325	Ethics: Business and Economic Community	3
AC-151 & AC-152	Principles of Accounting I and Principles of Accounting II	6
BL-161	Introduction to Law and Contracts	3
EC-101	Macroeconomic Principles	3
EC-102	Microeconomic Principles	3
BA	Business Administration Electives	6
Total Credits		36

### Requirements for Marketing Management Major Degree of Associate of Science (AS)

#### Core Curriculum Requirements

AR-127 or AR-128	Introduction to the Visual Arts Introduction to Music	3
CM-120	English Composition (or equiv.)	3
EL-123	Forms of Literature: Poetry and Drama	3
EL-134	Fiction	3
HS-121	The Western Tradition	3
MA-106	Introduction to Probability and Statistics	3
PO-100 or SO-121	Perspectives on Politics Introduction to Sociology	3
CS-150	Introduction to Computers and Information Processing	3
Select one of the following groupings:		6
PL-100 & PL-101	Introduction to Philosophy I and Introduction to Philosophy II	
TH-110 & TH-120	Religious Faith in the Modern World and Intro to the Study of Christianity	
Total Credits		30

#### Major Requirements

BA-151	Principles of Management	3
BA-155	Principles of Marketing	3
BA-250	Consumer Behavior	3
BA-319	International Marketing	3
BA-325	Ethics: Business and Economic Community	3
AC-151 & AC-152	Principles of Accounting I and Principles of Accounting II	6
BL-161	Introduction to Law and Contracts	3
EC-101	Macroeconomic Principles	3
EC-102	Microeconomic Principles	3
BA	Business Administration Electives	6
Total Credits		36

# Public Policy

Fadia Joseph, *Director*

The Public Policy Program offers a two-year program of study leading to an Associate's degree in Public Policy and a four year program leading to a Bachelor's degree in Urban Studies. The Public Policy Program is designed for para-professional and entry-level government and social-service workers who are also active in community, civic, and voluntary organizations. The program prepares students for advancement in careers in social services, urban planning, and a variety of government agencies as well as community-based organizations. Many of our students also work in private industry.

Public Policy refers to decisions the government makes. Public Policy students learn about the role and impact of government decisions on healthcare, housing, education, jobs, crime, and drugs in urban areas. What are the policies? Who makes the policies? Who is affected by the policies? These are questions that public policy students analyze. Students also learn how they can play a greater role in the decision-making process that sets policies for their communities. Many are community activists or become community activists through their participation in the Program. The Program takes pride in implementing the University's mission through its curriculum which encourages its students to become "men and women for others."

All candidates must apply directly to the Public Policy Program for admission. Candidates for admission must have a high school diploma or its equivalent (GED). Transfer students will be considered for admission. Only courses in which the grade was a 2.0 (C) or better may be considered for transfer.

## Requirements for Public Policy Major Degree of Associate of Arts

This is a cohort-based program. Core requirements are included in the Course List below.

### First Year Courses

Select one of the following:		6
CM-104 & CM-115	Introduction to English Composition and Introduction to English Composition II	
CM-106 & CM-117	Introduction to English Composition and Introduction to English Composition II	
EC-100	Introduction to Economics (or PO-100, SO-121, UR-151 )	3
MA-102 or MA-105	Mathematics for the Humanities I Elementary Applied Mathematics	3
UR-151	The Contemporary City	3
UR-308	Analysis of Urban Social Class	3
UR-412	Ethnicity and Race in Urban History	3
UR-451	Social Issues in Public Policy I	3
UR-452	Social Issues in Public Policy II	3
UR-490	Urban Field Work	3
UR-492	Urban Internship	3
Total Credits		33

### Second Year Courses

UR-126	Introduction to Public Policy and Social Action	3
EC-230	Urban Economic Policies and Problems (or PO-100, SO-121, UR-151)	3
EL-134	Fiction (or AS-359)	3
PL-100	Introduction to Philosophy I	3
PS-151	Introduction to Psychology *	3
PS-220	Social Psychology *	3
SP-113	Elementary Spanish I	3
UR-326	Community Organization	3

UR-493	Advanced Urban Internship *	3
Ur Elective		3
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Total Credits		30

### Special Note

The courses marked by an asterisk are electives for which other courses may be substituted with approval.

### Requirements for Urban Studies Major/Public Policy Sequence Degree of Bachelor of Science

Upper division courses for Public Policy Program students seeking a Bachelor's degree include SPCS core requirements and at least two additional courses in Urban Studies/Public Policy. The recommended sequence of courses for the Bachelor's degree course of studies is as follows:

**First Year Courses** – same as those for the Public Policy Major, Degree of Associate of Arts.

**Second Year Courses** - same as those for the Public Policy Major, Degree of Associate of Arts.

### Third Year Courses

AR-127	Introduction to the Visual Arts (or AR-128)	3
BI-124	Human Structure and Function	3
EL-123	Forms of Literature: Poetry and Drama	3
PL-101	Introduction to Philosophy II	3
HS-121	The Western Tradition	3
HS-122	World Perspectives in History	3
or HS-123	Special Topics in History	
Select one of the following:		3
TH-496	Theology and Urban Problems	
TH/AS-443	Black Theology	
TH-499	Theology and Contemporary Public Issues	3
Select one of the following:		3
Natural Science: one Course from Biology, Chemistry, Physics		
UR-491	Advanced Urban Field Work	3
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Total Credits		30

### Fourth Year Courses

Ur Elective		3
SJ-250	Introduction to Social Justice (or PL-240)	3
Select two of the following:		6
AS-177	Introduction to Africana Studies	
LS-101	Introduction to Latin America and Latino Studies	
SJ-130	Introduction to Nonviolence	
WS-140	Introduction to Women's Studies	
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Electives		15
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Total Credits		27

### Educational Option

An educational option may be available whereby students interested in obtaining teaching certification can work towards this while getting their B.S. degree Urban Studies. This is done in cooperation with the School of Education and by taking Education credits.

# General Information

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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:

3.8 *summa cum laude*

3.7 *magna cum laude*

3.6 *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 3.6 for the entire academic record.

### 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 3.5 for the term. To qualify, traditional day students must complete 12 semester credits and SPCS students must complete six credits in at least one eight-week term within the semester (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.

#### 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 SPCS. 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 Administration, School of Education, School of Nursing, and School of Professional & Continuing 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 SPCS 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:

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 SPCS, 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.

## 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.

## 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 Sigma Lambda** SPCS 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

Saint Peter's University admits qualified students regardless of race, color, religion, sex, marital status, national origin, age, physical handicap, sexual orientation, or other factors which cannot lawfully be the basis of an admissions decision, to all the rights, privileges, programs, and activities generally accorded or made available to students at the University. The University does not discriminate on any basis in the administration of its educational policies, scholarship and loan programs, and athletic and other University administered programs.

### Admission of Freshmen or First-Time University Students

#### College of Arts and Sciences, School of Business Administration, School of Education and School of Nursing

Admission to Saint Peter's University is based upon a 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 have a solid preparation for University studies. 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 student's file will be held as incomplete until 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 additional recommendations.

#### Application Type:

##### Applicants are considered Freshman 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 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 college prep English
- three years of college prep math (Algebra and Geometry required)
- two years of college prep social studies
- two years of a foreign language
- two years of college prep science, with at least one year of lab science (pre-nursing students are required to have, minimally, lab Biology and lab Chemistry)
- at least three additional units in any combination of the subject areas listed above.

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
- an official high school transcript (includes official college transcript for any college-level course work 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; 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
- one letter of recommendation/counselor recommendation
- personal statement (strongly recommended)

The above may be waived at the discretion, or direction, of the Dean of Admissions. However, omission of any of the above information may have an impact on admission.



Freshman applicants interested in the Bachelor of Science in Nursing must apply directly to the Pre-nursing program. Candidates will be evaluated based on the above and the following additional 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

Students not meeting these criteria will be evaluated as factors beyond GPA and test scores may have an impact on student preparedness for the Pre-nursing program. Student progression to the Nursing program (sophomore year) is not guaranteed. (See School of Nursing section of the catalog for requirements progression.)

## Alternative Admission Programs and Transition to College Opportunities

### Early Admissions

In exceptional cases, students who have met the requirements for graduation after their junior year 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 satisfy the general admissions criteria previously outlined but show great promise for success at 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 classes and participate in supplementary mentoring and study skills sessions. Upon successful completion of the first year, students will complete the Academic Success 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.

### Special Program for Credit (SPFC)

SPFC 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 SPFC have earned advanced degrees and have received special adjunct faculty status from the University for this program. In addition to offering credit programs in local high schools, the Special Program for Credit provides limited opportunities for students from participating high schools to take one course per semester in the day session on the Saint Peter's campus during their junior or senior year in high school.

## 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. 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. All final decisions regarding course equivalencies and credit transfer are made by the appropriate dean. 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.

Students who have been placed on academic probation or who have been dismissed by another college or university ordinarily are not considered for admittance as matriculated students to the University. They may apply for admission as non-matriculated students. Upon completion of 12 credits at Saint Peter's University and attainment of a minimum cumulative average of 2.0, they may then apply for admission as matriculated students.

**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.)

In order to qualify for advanced standing, applicants must have a cumulative grade point average of 2.0 or better. 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. All final decisions regarding course equivalencies and credit transfer are made by the appropriate dean. 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. 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 of Education.

Students who have been placed on academic probation or who have been dismissed by another college or university ordinarily are not considered for admittance as matriculated students to the University. They may apply for admission as non-matriculated students. Upon completion of 12 credits at Saint Peter's University and attainment of a minimum cumulative average of 2.0, they may then apply for admission as matriculated students.

**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. 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. Transfer applicants will be evaluated holistically using all admission material submitted.

NOTE: Students transferring from other Baccalaureate Nursing programs will not be considered admissible should previous nursing coursework be below a B-.

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
- Science coursework must not be more than five years old from time of enrollment
- 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.

### **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 earning an Associates degree with transitioning to a bachelor degree program. The University continues to add partnerships for admission with benefit of scholarship incentives to assist students with earning a degree at Saint Peter's. 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. Saint Peter's is a member of NJTransfer.org.

For transfer students who possess an associate's degree from a New Jersey community college with a cumulative GPA of at least 2.0, the community college's general education program credits will be transferred in full to satisfy, as a block, the core requirements, with the exception of six credits in Philosophy, six credits in Theology and the three-credit Values course requirement. Only courses in which a grade of C or higher has been achieved will be eligible for transfer. Students must take their last 30 credits at Saint Peter's and students must complete at least one half of their major credits and minor credits at Saint Peter's. The maximum number of credits a student may transfer from a two-year college is 66 and 90 credits from a four-year institution. Credits earned from other institutions or not in concert with an Associate's degree will be reviewed on a course-by-course basis, as appropriate.

### **Transferring to Saint Peter's University EOF Program**

Transfer students who wish to 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 for admission. If admitted to the University, students can then submit an application to EOF.

## **Admission of International Students (Freshman 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:

- Students must submit 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](http://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. 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

Spring Semester.....December 1

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.

## **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.

## **Service Member's Opportunity College**

Saint Peter's University has been identified as a Service member's Opportunity College (SOC) providing educational assistance to active duty service members as follows:

1. Use of admissions procedures which insure access to higher education for academically qualified military personnel;
2. Evaluation of non-traditional learning gained through military experiences and academic credit awarded where applicable to the service member's program of study;
3. Evaluation of learning and awarding of academic credit for such learning where applicable to the service member's program of study;
4. Evaluation of requests for inter-institutional transfer of credits and acceptance of such credits whenever they are appropriate to the service member's program and are consistent with the University's curriculum;
5. Flexibility to service members in satisfying residence requirements by making adjustments for military students who transfer when there are other assurances of program balance;
6. Designation of personnel with appropriate academic qualifications and experience to administer and supervise SOC-related activities and to develop policies and procedures appropriate to the scope of their voluntary-education programs;
7. Educational services for veterans.

## **Admission to School of Professional and Continuing Studies (part-time/full-time evening program)**

Admission to Saint Peter's University SPCS is based upon a student's demonstrated academic performance, academic preparation, and potential for success in college-level study. Students are expected to have achieved a minimum GPA of 2.0, however, each application is reviewed on an individual basis. Students are expected to have a solid preparation for college. SPCS requires students to have a high school diploma or GED.

To satisfy admissions requirements, the complete admissions file must include:

- a completed application
- an official high school transcript

Notification of the admission decision is made on a rolling basis once the admission file is complete. Admission to the University is contingent upon proof of completion of high school or GED.



# 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 March 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](http://www.fafsa.ed.gov). For renewal Tuition Aid Grant students, the FAFSA needs to be processed by June 1 prior to the beginning of the fall term.

Application forms are available from the Enrollment Services Center as well as 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. The application process may change from year to year; therefore, students should contact the Student Financial Aid Office for the most current filing procedures.

## Continuation of College-Awarded Scholarships and Incentive Awards

Students who have been awarded academically 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 3.0.

## 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	1.5
48-71	1.8
72-95	1.9
96+	2.0

#### 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 \$5000 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 \$5,775 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 \$12,016 per year to eligible students; based on the extent of financial need.

### **Educational Opportunity Fund Grants (State)**

Grants of up to \$2,500 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) \$1020

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 appropriate form from the Enrollment Services Center. 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 accord 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.

### Change of Enrollment

Students desiring to change their enrollment status must obtain the approval of both the Academic Dean and the Dean of the School of Professional and Continuing Studies. The form required for that change of enrollment status may be obtained in the Enrollment Services Center. Such a change may have a significant financial aid or scholarship consequence, and may affect eligibility to live on campus.

### 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 for each term. It is recommended that payment be made by credit card, check, or money order payable to SAINT PETER'S UNIVERSITY.

In addition to paying University costs by credit card, check, or money order, 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 the 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 summer, a two-month plan is available.
2. If students wish to pay University costs with a parent's or relative's card, the owner of such card must be present.

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 lab fees for courses officially dropped during this period will be refunded at 100%. 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 intercession 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 Enrollment Services, getting the required signatures, and submitting the completed form to Enrollment Services.

### **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**

<b>Withdrawal Date</b>	<b>Percentage Refund</b>
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**

<b>Withdrawal Date</b>	<b>Percentage Refund</b>
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%

**Interession: 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%

**Students Receiving Federal or State Aid**

Students receiving Federal or State Aid and who take a leave of absence or withdraw for any reason, will receive a prorated refund as described above. In the event the University is required to return federal and/or state funds (see Refunds of Federal and State Aid below) in excess of the refund of charges as calculated above, then the student will receive a refund in institutional charges equivalent to the amount that is returned in federal and/or state funds. However, if total financial aid exceeds the amount of institutional charges, a refund will be made of a percentage of institutional charges less non-federal aid equal to the percentage of federal aid returned plus an amount equivalent to any state aid returned.

**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**

A student may appeal a refund to the appropriate academic dean. The appeal must be in writing, signed, and should include a detailed description of the extenuating circumstances upon which the appeal is based, including copies of any supporting documentation. University administration will review the appeal and notify the student of the decision in writing.

# Courses of Instruction

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## 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 Services
390-398	Independent Study, Research Projects, etc. (courses involving 1:1 student/faculty ratio)
399	Tutorials (arranged on 1:1 basis to cover requirements needed for graduation that cannot be met by the regular course schedule in the student's graduation year)
490-499	Seminars for groups of students, including HP Junior and Senior elective seminars and departmental internships.

## 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	Accountancy
AF	Africana Studies
AN	Asian Studies
AR	Fine Arts
BA	Business Administration
BC	Biological Chemistry
BI	Biology
BL	Business Law
BT	Biotechnology
CC	Classical Civilization
CH	Chemistry
CJ	Criminal Justice

CM	Composition
CN	Chinese
CS	Computer Science
CU	Communication
EA	English Acquisition
EC	Economics
ED	Education
EE	Elementary Education
EL	English
ES	Environmental Science
EV	Environmental Studies
FN	Finance
FR	French
GK	Greek
GM	German
HC	Health Care (Science-based)
HD	Hindi
HE	Health Education
HP	Honors Program
HS	History
IS	Information Science
IT	Italian
JN	Journalism
JP	Japanese
KO	Korean
LA	Latin
LS	Latin American & Latino Studies
LW	Law
MA	Mathematics
ML	Modern Languages
NS	Natural Science
NU	Nursing
PC	Physics
PE	Physical Education
PG	Portuguese
PL	Philosophy
PO	Political Science
PS	Psychology
RD	Reading
RS	Russian
SE	Secondary Education
SM	Sports Management
SJ	Social Justice
SO	Sociology
SP	Spanish
TH	Theology
UR	Urban Studies
WS	Gender and Sexuality



## Course Descriptions

### AC Courses

#### **AC-151. Principles of Accounting I. 3 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 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-295. Co-Op. 3 Credits.**

#### **AC-325. Forensic Accounting. 3 Credits.**

A basic practical understanding of Forensic Accounting as a management tool. Prerequisites: AC-152.

#### **AC-331. Intermediate Accounting Theory I. 3 Credits.**

Traditional financial accounting topics, including recent developments by the leading professional accounting organizations. Prerequisites: AC-152.

#### **AC-332. Intermediate Accounting Theory II. 3 Credits.**

Traditional financial accounting topics, including recent developments by the leading professional accounting organizations. Prerequisites: AC-331.

#### **AC-341. Advanced Accounting Theory. 3 Credits.**

Study of specialized subject areas rounding out the accounting knowledge required by the beginning career accountant. Prerequisites: AC-332.

#### **AC-420. Principles of IT Auditing. 3 Credits.**

Principles of IT Auditing examined from the point of view of information systems and management. IT operations will be examined from both standalone and global environments. The Cobit framework will be introduced for auditing IT operations. Prerequisites: AC-151 OR IS-380 OR PERMISSION OF INSTRUCTOR.

#### **AC-443. Cost Accounting. 3 Credits.**

Study of cost accounting information systems and their importance as an essential management tool. Prerequisites: AC-332.

#### **AC-444. Auditing Principles. 3 Credits.**

Study of auditing standards associated with the examination of corporate accounts. Emphasis on audit objectives. Prerequisites: AC-332.

#### **AC-455. Taxation. 3 Credits.**

Practical understanding of the Federal Income Tax Law including the basic principles of the Law and their practical application. Prerequisites: AC-152.

#### **AC-460. Accounting Information Systems. 3 Credits.**

Study of managerial accounting systems covering the monitoring of the accumulation, summarizing and reporting of accounting within the organization. Prerequisites: AC-332.

#### **AC-474. Accounting for Intercorporate Investment. 3 Credits.**

Study of accounting for intercorporate investment parent-subsidiary relationships purchase vs pooling of interests indirect and reciprocal holdings. Prerequisites: AC-332.

#### **AC-490. Accounting Internship. 3 Credits.**

Eligible students are given the opportunity to work with a CPA firm or do other accounting work prior to graduation. Only Students in the Accounting Honors Program are eligible. Prerequisites: AC-341.

### AN Courses

#### **AN-100. Introduction to Asian Studies. 3 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 Credits.**

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin.

**AN-114. Elementary Mandarin Chinese II. 3 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.

**AN-130. Elementary Japanese I. 3 Credits.**

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media.

**AN-131. Elementary Japanese II. 3 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 Credits.**

Further practice to master the basic concepts of rudimentary communication in Japanese. Prerequisites: AN-131 OR JP-131 OR 1-2 YEARS H.S. JAPANESE.

**AN-135. Intermediate Japanese II. 3 Credits.**

Further practice to master the basic concepts of rudimentary communication in Japanese. Prerequisites: AN-134 OR JP-134.

**AN-165. Intermediate Mandarin Chinese I. 3 Credits.**

Further practice in the tones, pronunciation, characters, and basic grammatical principles of Mandarin Chinese. Prerequisites: AN-114 OR CN-114 OR 1-2 YEARS OF HIGH SCHOOL MANDARIN.

**AN-166. Intermediate Mandarin Chinese II. 3 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-165 OR CN-133.

**AN-228. Asian Film. 3 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.

**AN-232. China: Environmental Change. 3 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.

**AN-270. History and Culture of Japan. 3 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.

**AN-320. Marco Polo and the Silk Road. 3 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia.

**AN-321. Asian Philosophy. 3 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: PL-100 PL-101.

**AN-360. History and Culture of the Philippines. 3 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.

**AN-366. Mapping Asian and Latino Bodies. 3 Credits.**

Creating "maps" of Asian and Latino Bodies in the cultural spaces of film, art, literature, and photography.

**AN-384. Art and Buddhism. 3 Credits.**

A value-oriented, in-depth study of Buddhist theology and philosophy as expressed in art. Buddhism's changing visual expressions will be investigated. Emphasis will be placed on artistic expression of religious values.

**AN-386. Art and Hinduism. 3 Credits.**

The value system of Hinduism and how it is expressed in Hindu art. Comparison with other art traditions. Mandatory museum and temple visits.

**AN-400. Spanish Literature of the Philippines. 3 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 Credits.**

New York City examined in its architectural presence, as repository and distributor of world art, and as stimulant to plastic creativity.

**AR-127. Introduction to the Visual Arts. 3 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.

**AR-128. Introduction to Music. 3 Credits.**

A brief history of Western music since the Renaissance. Composers, styles and representative works from each major period will be discussed.

**AR-131. Beginning Painting. 3 Credits.**

Introduction to variety of art paints, grounds, brushes, techniques.

**AR-140. Figure Structure Workshop. 3 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.

**AR-151. College Chorale I. 1 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.

**AR-157. Introduction to Photography I. 3 Credits.**

Beginning with basic camera operation, students learn the visual and technical elements that create a photograph. 35mm camera required.

**AR-158. Introduction to Photography II. 3 Credits.**

Directed toward developing a personal style of picture taking, this course includes dark-room experience in processing and printing black and white film. Prerequisites: # CM-115 CM-116 CM-117 CM-119 CM-120 OR HP-122 # AR-157.

**AR-159. Commercial Art Workshop. 3 Credits.**

Introductory studio experience in commercial visual communication. Design of a commercial product project: identification, idea selection, symbol creation, packaging structure and design. Layout designing and techniques, color, study, fonts, and drawing skills.

**AR-160. Drawing and Composition Workshop. 3 Credits.**

Studio work: theoretical analysis and practical application of some of the components of a work of art: form, line, shape and value.

**AR-161. Painting Workshop. 3 Credits.**

Studio work: texture, color, and space are studied.

**AR-162. Painting and Drawing Workshop. 3 Credits.**

Studio work: basic techniques.

**AR-165. Figure Painting Workshop. 3 Credits.**

Studio work: study of the human form in color.

**AR-166. Sculpture Workshop. 3 Credits.**

Studio work: modeling in clay based on the human figure.

**AR-171. Live Model Figure Drawing Workshop. 3 Credits.**

Studio work: study of artistic anatomy from live models.

**AR-172. Landscape Painting Workshop. 3 Credits.**

Beginning approaches to landscape painting; including composition, perspective, and texture.

**AR-175. Acting Workshop I. 3 Credits.**

Practice various methods of acting technique from traditional (Stanislavski) to modern (Open Theater). Movement and improvisational exercises. Video tape project.

**AR-176. Acting Workshop II. 3 Credits.**

Continuation of part I including presentations for theatre and video space. Creation of video suitable for use as an audition piece. Prerequisites: AR-175.

**AR-210. Art in the Museums. 3 Credits.**

Experience the art of the ancient, renaissance, and modern periods through escorted tours of art museums, such as The Metropolitan Museum of Art, The Cloisters, The Frick Collection, The Museum of Modern Art, The Guggenheim, The Whitney, etc. Students will also visit cathedrals, art galleries, an art auction house.

**AR-211. Renaissance Art I. 3 Credits.**

Study of fourteenth-century Italian art and its development through the fifteenth century: Giotto, Duccio, Donatello, Masaccio, Botticelli, etc.

**AR-212. Renaissance Art II. 3 Credits.**

Study of the High Renaissance and Mannerism in painting and sculpture, especially Leonardo, Michelangelo and Raphael.

**AR-214. Art Advertising and Design. 3 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.

**AR-215. Medieval Art. 3 Credits.**

A study of Early Christian, Byzantine, Carolingian, Ottonian, Romanesque, and Gothic art. Emphasis on the beginnings of Christian art and on Gothic cathedrals.

**AR-220. Introduction to Computer Art. 3 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.

**AR-224. Digital Imaging With Photoshop. 3 Credits.**

Photoshop use: production and presentation, printing your work, portfolio preparation and internet emphasized.

**AR-225. The Origins of Modern Art. 3 Credits.**

A study of Neo-Classical, Romantic, Realist, Impressionist and Post Impressionist movements in the arts of the Nineteenth Century.

**AR-229. Baroque Art. 3 Credits.**

A study of the painting, sculpture, and architecture of the seventeenth and eighteenth centuries. Emphasis: Caravaggio, Bernini, Rubens, Rembrandt, Velazquez, Zurbaran.

**AR-231. Egyptian Art. 3 Credits.**

A detailed study of the arts of Egypt and the ancient Near East.

**AR-232. Art and Desktop Publishing. 3 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. Prerequisites: 1 COURSE FROM CM-115 CM-116 CM-117 CM-119 CM-120 HP-122.

**AR-238. The Science of Art. 3 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.

**AR-240. Cultural Diversity in Art. 3 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.

**AR-242. Computer Illustrator. 3 Credits.**

Uses in print graphics, advertising, charts for marketing. Graphic implementations in all areas of business and marketing.

**AR-250. Live Performance Art. 3 Credits.**

Participants will be enlightened, enriched, entertained, by attending performances representative of Broadway musicals, ballet, concerts, dance, and opera.

**AR-253. Environmental Art and Issues. 3 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.

**AR-265. Group Singing I. 3 Credits.**

For beginning voice students; basic skills including confidence, self-expression, phonation, diction, phrasing. Prepare audition-ready song.

**AR-266. Group Singing II. 3 Credits.**

For intermediate-level singing. Performance skills including breath support, resonance, blending, expressiveness. Peer and professional observation. Prerequisites: AR-265.

**AR-267. History of Graphic Art. 3 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.

**AR-273. The Story of Rock. 3 Credits.**

Analysis of musical and pop cultural trends of the 20th century through today, focusing on the origins of Rock and Roll, its evolution, and the forms it has inspired, towards a better and more critical understanding of current popular music and its origins.

**AR-274. American Stage and Broadway Musicals. 3 Credits.**

A study of the development of the musical as popular American culture, including its relationship to contemporary social values. Examination and analysis of representative works will be included.

**AR-279. Watercolor Painting. 3 Credits.**

Introduction to watercolor painting techniques, watercolors, papers, brushes, methods.

**AR-282. Beginning Piano. 3 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.

**AR-287. World Music. 3 Credits.**

The anthropological study of music from around the world, including Asia, the Middle East, Africa, Latin America, and North America, towards the end of assessing one's own musical cultural heritage and expressions.

**AR-293. Today's Film Scene. 3 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. Prerequisites: 1 COURSE FROM CM-115 CM-116 CM-117 CM-119 CM-120 HP-122.

**AR-295. Co-Op. 3 Credits.****AR-335. Art Appreciation (aesthetics) I. 3 Credits.**

A study of the different concepts of beauty, covering Asian and Western art, up to the impressionists. Satisfies core values requirement.

**AR-336. Art Appreciation (aesthetics) I. 3 Credits.**

A study of various contemporary trends in art.

**AR-337. Advanced Photography. 3 Credits.**

Intensive darkroom work to produce exhibition quality portfolios. Technical information will be stressed. Prerequisites: AR-279.

**AR-338. Ethics and Photography. 3 Credits.**

The writings of A.D. Coleman, Susan Sontag, James Mitchell, and others will form the basis for analysis of trends in photography. Visits to exhibitions in SoHo and Chelsea will be scheduled.

**AR-339. Graphic Publishing. 3 Credits.**

Advanced look at QuarkXPress skills of professional print and design studios. Style sheets, master pages and templates. Linear blends, bleeds, color and trapping. Prerequisites: AR-232.

**AR-340. The Visual Arts in America. 3 Credits.**

A survey of art in the United States from the Colonial period to the present.

**AR-350. Typography. 3 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. Prerequisites: AR-214 AR-220 AR-232.

**AR-355. The Nude in Art. 3 Credits.**

A study of the human body in art as the basis of varying concepts of beauty.

**AR-356. Gods and Athletes: Greek and Roman Art. 3 Credits.**

Comparative Study of the Human and Divine in Greek and Roman painting and sculpture.

**AR-361. Color Photography I. 3 Credits.**

This course explores the theory, manipulation, lighting (daylight and flash), and the printing of color photography. Prerequisites: AR-157.

**AR-366. Tools of Graphic Art. 3 Credits.**

Analysis and skills development in areas of: color, memory management, text, format, web use and print. Projects require use of softwares in tandem. Prerequisites: AR-220 AR-224 AR-232.

**AR-367. Advertising and Packaging Design. 3 Credits.**

This course explores various approaches to 3-D design Students develop and execute package designs fabrication materials and techniques. Prerequisites: AR-201, AR-220.

**AR-368. Graphic Design. 3 Credits.**

This course introduces the students to the basic ideas of design: symbology, typography, illustration and photography. The students 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. Prerequisites: AR-201, AR-220.

**AR-375. Capturing and Constructing: Camera Raw and iPhoto. 3 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.

**AR-376. Capturing and Constructing: Digital Photos. 3 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 Photoshops 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.

**AR-381. Art of Web Design. 3 Credits.**

Explores artistic aspects, ideas and techniques of Web design using Dreamweaver, creation of text, tables, images and forms, a website. Prerequisites: AR-220, AR-224 OR AR-248.

**AR-382. Piano Workshop. 3 Credits.**

A studio course to develop student's basic, beginning level skills as well as those of intermediate level students.

**AR-383. Computer Animation Flash I. 3 Credits.**

Basic principles of animation with Image Ready enhanced by Flash application. Prerequisites: AR-220 AR-242 AR-224.



**AR-384. Art and Buddhism. 3 Credits.**

A value-oriented, in-depth study of Buddhist theology and philosophy as expressed in art. Buddhism's changing visual expressions will be investigated. Emphasis will be placed on artistic expression of religious values.

**AR-386. Art and Hinduism. 3 Credits.**

The value system of Hinduism and how it is expressed in Hindu art. Comparison with other art traditions. Mandatory museum and temple visits.

**AR-399. Tutorial. 3 Credits.****AR-420. New York Theatre Live. 3 Credits.**

Appreciation of contemporary theatre through attendance of Broadway, Off Broadway and Off-Off-Broadway theatre in New York City.

**AR-425. Women in Art. 3 Credits.**

Gender-oriented investigation of women as visual artists from the Medieval period through the 20th Century. The female image from prehistoric fertility symbol to 20th century Pop celebrity icon.

**AR-430. Senior Thesis Project: Portfolio Presentation. 3 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.

**AR-431. Internship in the Field. 3 Credits.**

An independent study course allowing first hand knowledge by working for a company or business. For Seniors only.

**AR-499. Short-Term Study Abroad. 3 Credits.****AS Courses****AS-130. Introduction to Latin American and Latino Studies. 3 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.

**AS-177. Introduction to Africana Studies. 3 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.

**AS-200. Ethnic and Racial Relations. 3 Credits.**

The study of inter ethnic and interracial relations. American and international experiences of immigrant groups, majorities, minorities, dominant cultures, and subcultures. Prerequisites: SO-121 OR UR-151.

**AS-202. Urban Music: Jazz to Hip-Hop. 3 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.

**AS-213. Multiculturalism in Justice. 3 Credits.**

Understanding community groups of various ethnic, racial and cultural backgrounds, elevating the awareness in Law Enforcement Agencies. Prerequisites: CJ-165 CJ-170.

**AS-219. Exploring Urban Experience Through Film. 3 Credits.**

This course uses masterpieces of cinema to explore the city and urban culture. Topics will include the economy, race, culture, gender, immigration, gentrification and crime. Prerequisites: SO-121 OR UR-151.

**AS-223. Latin America Today: People, Culture and Issues. 3 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.

**AS-224. Black Hair and Identity in America. 3 Credits.**

This course will examine the social, cultural and political significance of black hair in America. It will explore hair's profound impact on identity. Black hair is embedded in notions of race, ethnicity, gender and class. Prerequisites: AS-175 AS-177 SO-121 OR UR-151.

**AS-227. The Sociology of Salsa. 3 Credits.**

This course combines dance lessons with sociological exploration of New York/New Jersey's salsa scene. Lessons are complemented by discussions on the origins of the music as it relates to Latin American and Caribbean history and Latino migration to the northeast.

**AS-230. Black Politics. 3 Credits.**

A study of black organizations as interest groups examination of group organizational problems analysis of difficulties encountered by groups in the political interaction of an urban environment. Prerequisites: AS-175 AS-177 SO-121 OR UR-151.

**AS-235. Harlem Renaissance. 3 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.

**AS-245. Haitians in America: Culture and Identity. 3 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-251. Ethnic and Racial Politics in the U.S.. 3 Credits.**

An examination of how different ethnic and racial groups participate in politics, how the political system has and does respond to group demands, and the role of ethnic group political culture in shaping group success.

**AS-273. Global Feminisms. 3 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality.

**AS-308. Modern Africa. 3 Credits.**

This course studies the indigenous and imperial cultures of Africa since 1800 with emphasis on Anglophone and Francophone regions. Prerequisites: HS-121 HS-122.

**AS-310. Feminist Political Theory. 3 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.

**AS-318. African-American Communication In American Culture. 3 Credits.**

The communication styles of African-Americans have been integral in the creation of modern American culture. This course will trace the beginnings of this communication to its expression today in the United States. The evidence includes oral, visual, early written, and electronically mediated communication of African-Americans with specific examples in songs, dance, storytelling, and preaching artifacts, adornments and crafts pamphlets, slave narratives and journals and filmmakers, performers and composers. Prerequisites: CM-115 CM-117 OR CM-120.

**AS-320. Urban Legal Issues. 3 Credits.**

Study of housing, crime, welfare, education, etc., as issues pertinent to modern urban living; the role of the legal system in designing, directing and maintaining the present conditions of these urban services and institutions.

**AS-322. Black Novel. 3 Credits.**

A review of fictional writings by African-American authors of the 19th and 20th centuries.

**AS-324. Poverty and Inequality. 3 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.

**AS-333. Black Community and the Law. 3 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.

**AS-340. Intercultural Relations. 3 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-351. Issues in the Hispanic Community. 3 Credits.****AS-352. Minority Group Relations. 3 Credits.**

Analysis of the shifting relationships between groups. Course explores the dynamics of how and why different ethnicities come together and grow apart. Questions the underlying forces behind these movements. Prerequisites: AS-175 AS-177 SO-121 OR UR-151.

**AS-353. Sociology of the Black Family. 3 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 Credits.**

A survey of the major literary achievements of black American writers. May be substituted for EL134. Prerequisites: EL-123 OR HP-119.

**AS-368. Health and Inequalities: Race, Class and Gender. 3 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.

**AS-399. Tutorial. 1 Credit.****AS-411. Nationalism and Revolution. 3 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 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.

**AS-428. Literature, Culture and Society Issues: West Africa. 3 Credits.**

A study of seminal texts representing the Malinke, Igbo, Chanaian, Wolog, Bambara, and Senegalese peoples of West Africa.

**AS-443. Black Theology. 3 Credits.**

The study of the origins and influence of the major religious traditions found in the American black community. May be used as a substitute for Th120. Prerequisites: TH-110 TH-117 HP-117.

**AS-454. Black Films. 3 Credits.**

A survey of 20th century film making by and about African-Americans. Prerequisites: AS-175 AS-177 SO-121 OR UR-151.

**AS-460. U.S. Civil Rights Movement. 3 Credits.**

Analysis of the origins, processes, and outcomes of the twentieth century black American Civil Rights struggle.

**AS-486. Seminar Political Theory: Genocide. 3 Credits.**

After a through conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries. Students will also be challenged to critique certain academic definitions of genocide and will discuss dehumanization, denial and reconciliation.

**AS-487. Theology of Social and Racial Justice. 3 Credits.**

Study of major contemporary Christian documents, particularly regarding economics and poverty, administration of criminal justice, cause and responses to racism. Prerequisites: TH-110 TH-120.

**AS-490. Seminar in Africana Studies. 3 Credits.**

This capstone course will provide students with the opportunity to synthesis their previous 15 credits, as well as materials from other courses, into a senior thesis research. Prerequisites: EC-101 EC-102.

## BA Courses

### **BA-151. Principles of Management. 3 Credits.**

An analysis of the management process. Introductory course in management.

### **BA-155. Principles of Marketing. 3 Credits.**

Business activities involved in the flow of goods and services from production to consumption.

### **BA-172. Principles of Salesmanship. 3 Credits.**

Course focus is on the information, skills, and activities necessary for success as a professional salesperson including establishing and maintaining customer rapport and negotiating the sale. Explores the underlying relationship between being personally motivated to succeed and its impact on sales performance, including the motivational factors required to balance the demands of new and existing clients. Ethical principles and concepts are integrated.

### **BA-214. Corporate Analysis. 3 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-218. Media Business. 3 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: # 1 COURSE FROM CM-115 CM-116 CM-117 CM-119 CM-120 HP-122.

### **BA-228. Introduction to Sports Management. 3 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. Prerequisites: BA-151.

### **BA-240. Organizational Behavior. 3 Credits.**

Interdisciplinary study of interactions between individuals and groups within organizations. Prerequisites: BA-151 BA-155.

### **BA-241. Advertising Management. 3 Credits.**

This course covers the management issues in advertising. It focuses on the design and implementation of effective advertising as part of an integrated marketing communications program. Since most advertising decisions involve both the advertiser and an advertising agency, the advertiser is viewed in interaction with agencycreative, media, and research personnel. Prerequisites: CM-115 CM-117 OR CM-120 AND BA-151 BA-155.

### **BA-242. Sales Management. 3 Credits.**

Organization and administration of the sales function with emphasis on the human factors. Prerequisites: BA-151 BA-155.

### **BA-245. Customer Service. 3 Credits.**

Marketing techniques and procedures used by organizations to achieve and measure customer satisfaction - an essential in a competitive era. Prerequisites: BA-151 AND BA-155.

### **BA-246. Export Management. 3 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.

### **BA-247. Marketing Communications. 3 Credits.**

This course is designed as an exploration of the history, development and current strategies, tactics and technologies of Integrated Marketing communication (IMC). 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-249. Sports and Entertainment Marketing. 3 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 Credits.**

An interdisciplinary approach to the study of marketing with the focus on consumers. Prerequisites: BA-151 BA-155.

**BA-252. Direct Marketing. 3 Credits.**

Examines the integrated into the operations of organizations. Includes traditional strategies (e.g. mail, telemarketing) and modern technologies (e.g. databases, Internet). Legal and ethical issues are also addressed. Prerequisites: BA-151 BA-155.

**BA-253. Labor Relations. 3 Credits.**

Labor history, legislation, and collective bargaining. Prerequisites: BA-151.

**BA-282. Leadership. 3 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. Prerequisites: BM-240 OR BA-240.

**BA-287. Introduction to Business Analytics. 3 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. Prerequisites: BA-240 BA-246 OR BA-250 OR AN EQUIVALENT COURSE APPROVED BY INSTRUCTOR.

**BA-295. Co-Op. 3 Credits.****BA-316. Financial Services Marketing. 3 Credits.**

This course applies marketing theory and analytical techniques in the financial industry. An essential part of the course is the development of marketing strategies and plans for financial service firms. Prerequisites: BA-151 BA-155 AND EC-300.

**BA-319. International Marketing. 3 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-246 OR PERMISSION OF INSTRUCTOR.

**BA-325. Ethics: Business and Economic Community. 3 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 OR BA-250, AND TH-110 AND PL-100.

**BA-327. Digital and Social Media Marketing. 3 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: BA-240 BA-246 OR BA-250 OR AN EQUIVALENT COURSE APPROVED BY INSTRUCTOR.

**BA-340. E-Business. 3 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-342. Sales Management. 3 Credits.**

Organization and administration of the sales function with emphasis on the human factors. Prerequisites: # BM-151, BA-151 OR HP-127 # MM-151, BA-155 OR HP-129.

**BA-343. Human Resource Management. 3 Credits.**

Human resource management and personnel administration. Prerequisites: BA-151 AND BA-155.

**BA-347. International Management. 3 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 BA-246 OR BA-250.

**BA-350. Operations Management. 3 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 Credits.**

Basic methods and tools utilized in gathering and analysis of supportive marketing data for executive decision making. Prerequisites: BA-250 EC-300.

**BA-363. Entrepreneurship: Creativity and Innovation. 3 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-380. Integrated Marketing Communication. 3 Credits.**

This course integrates all the elements of the promotional mix, including advertising, personal selling, public relations, sales promotions, sponsorship, direct response, and interactive marketing. The course will emphasize ways in which IMC is used to ensure consistency of messages and complementary use of media to achieve maximum impact. Prerequisites: BA-250.

**BA-381. Business Ethics and Legal Liability. 3 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.

**BA-382. Insurance and Risk Management. 3 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 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 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. Introduction to Predictive Analytics and Visualization. 3 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-391. Supervised Independent Study in Management. 3 Credits.**

Open only to departmental majors upon approval of instructor.

**BA-394. Industry Internship. 3 Credits.**

This field-work course involves the application of knowledge emphasizing the synthesis of business analytics theories and skills with industry experience. Students will work with actual businesses for practical experience. Seminars will be held and an evaluation paper required. Prerequisites: BA-287.

**BA-414. Predictive Modeling. 3 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 Credits.**

This course is designed to expose students to the global business 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. Prerequisites: BA-240, BA-246, OR BA-250.

**BA-430. Global Business Environment: Regional Studies. 3 Credits.**

A focused study of the political, economic and business climate of a select region of the world. An inter-disciplinary study of global business with an in-depth focus. Special speakers, expert faculty and student research will be employed. Prerequisites: # MM-319 OR BA-319 # BM-347 OR BA-347.

**BA-458. Business Strategy. 3 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.

**BA-465. Executive Seminar. 3 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.

**BA-496. Seminar in Business Administration. 3 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. Prerequisites: BA-458, AND EITHER FN-401 OR FN-415.

**BC Courses****BC-390. Special Topics: Biological Chemistry. 3 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.

**BC-399. Tutorial. 1 Credit.****BC-420. Instructional Methods: Biochemical Analysis I. 2 Credits.**

Modern instrumental techniques in qualitative and quantitative studies of biochemical systems exposure to a broad range of instrumental methods. Prerequisites: BI-240 CH-366.

**BC-421. Instructional Methods: Biochemical Analysis II. 2 Credits.**

Modern instrumental techniques in qualitative and quantitative studies of biochemical systems exposure to a broad range of instrumental methods. Prerequisites: BC-420.

**BC-490. Biochemical Research. 3 Credits.**

Conferences and laboratory directed to the study of a particular research problem in biological chemistry. Area selected must coincide with faculty expertise. Prerequisites: BI-240 CH-366.

**BC-492. Biological Chemistry. 3 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. Prerequisites: BI-240.

**BI Courses****BI-116. Diseases and Human Health. 3 Credits.**

An exploration of epidemiological issues and the effect of diseases on human health.

**BI-122. Nutrition in Health and Disease. 3 Credits.**

Introduction to basic concepts and controversies of nutrition as related to health and disease. An analysis of nutrients, food choices, and human health.

**BI-123. Concepts of Biology. 3 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.

**BI-124. Human Structure and Function. 3 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.

**BI-125. Heredity. 3 Credits.**

Principles of genetics applied to humans. Human traits, genetic basis of human disorders, genetic counseling, and genetic engineering.

**BI-126. The Human Environment. 3 Credits.**

Relationships between humans and their environment. Sources of energy and food. Pollution, conservation of natural resources, and population problems.

**BI-127. Contemporary Topics in Biology. 3 Credits.**

Biological issues confronting contemporary humankind. Pollution and energy problems, genetic, health, and population questions.

**BI-129. Biological Issues: Decisions and Ethics. 3 Credits.**

An introduction to biological issues that are controversial and require informed decisions and ethical choices. Topics considered in the course include reproductive issues, informed consent, right to care and treatment, biological experimentation, privacy, public health, genetics, and the environment.

**BI-130. Natural History of New Jersey. 3 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 issues such as conservation of natural resources, forest and wildlife management, and pollution. Will be taught through field trips.

**BI-140. Introductory Astrobiology. 3 Credits.**

An introduction to astronomy and the search for life beyond Earth. Topics include the definition and origin of life, the search for habitable planets, and human exploration of our solar system and beyond.

**BI-161. Basic Microbiology. 4 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. Prerequisites: BI-161L.

**BI-171. Anatomy and Physiology I. 4 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. Prerequisites: BI-171L.

**BI-172. Anatomy and Physiology II. 4 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.

**BI-183. General Biology I. 3 Credits.**

Biological principles including scientific method, biological chemistry concepts, characteristics of life, cells and reactions, Mendelian and Molecular Genetics. Prerequisites: BI-185.

**BI-184. General Biology II. 3 Credits.**

Biological principles including origin of life, evolution, population genetics, diversity of life, comparative plant and animal biology, ecology.

**BI-185. General Biology I Lab. 1 Credit.**

Laboratory course to accompany Bi183. Prerequisites: BI-183.

**BI-186. General Biology II Lab. 1 Credit.**

Laboratory course to accompany Bi184. Prerequisites: BI-184.

**BI-215. Principles of Anatomy and Physiology. 4 Credits.**

Studies of the structure and function of organ systems with emphasis on homeostatic regulatory mechanisms. Include laboratory.

**BI-237. Forensic Science. 3 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. Prerequisites: BI-184.

**BI-240. Cell and Molecular Biology. 4 Credits.**

Living systems at the cellular, subcellular, and molecular levels, Emphasis on molecular control of cellular activity, intermediate metabolism, and energy transformation. Includes laboratory.

**BI-271. Concepts of Public Health. 3 Credits.**

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.



**BI-295. Co-Op. 1 Credit.****BI-310. Ecology. 4 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. Includes laboratory.

**BI-313. Human Evolution Ecology and Adaptation. 3 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. Advanced Topics in Anatomy and Physiology. 3 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. Advanced Topics in Anatomy and Physiology Lab. 1 Credit.**

Laboratory course to accompany Bi-325, Adv.Topics in Anatomy and Physiology. Prerequisites: BI-215.

**BI-328. Methods in Biology. 3 Credits.**

Basic principles and methods of biological investigations. Techniques used in research laboratories. Prerequisites: BI-240.

**BI-340. Pathophysiology. 3 Credits.**

Biological processes which affect the human body's dynamic equilibrium, or homeostasis, associated with potential or actual disease conditions. Prerequisites: BI-240.

**BI-350. Genetics. 4 Credits.**

Theories of heredity and variation. Pre- Mendelian, Mendelian, cytogenetics, and population genetics. Application of theories in laboratory. Includes laboratory.

**BI-361. Criminalistics and Forensic Science. 3 Credits.**

The theory and application of the principles of forensic science. Lab includes an analysis of the techniques and procedures in forensic science. Prerequisites: BI-240.

**BI-370. General Virology. 3 Credits.**

Study of the physical, chemical and biological properties of viruses. Prerequisites: BI-240.

**BI-393. Civilization and Disease. 3 Credits.**

A survey of the impact of disease on the course of human history. Prerequisites: BI-184.

**BI-394. Epidemiology. 3 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: MA-132 BI-184.

**BI-395. Field Botany. 3 Credits.**

This course is designed to introduce students to the variety of ecosystems in New Jersey, and to important representatives of the state's flora. Students will develop skills in using botanical keys to identify plants in the field and lab. They will also gain experience in proper collection and preservation of botanical material, including preparation and handling of herbariums specimens. Field trips are a required part of the course. Prerequisites: BI-186.

**BI-415. Hematology. 3 Credits.**

The study diagnosis and treatment of diseases of the blood. The course will cover areas such as anemia, thrombocytopenia, enlarged lymph nodes or spleen, bleeding and clotting disorders. Prerequisites: BI-240.

**BI-416. Fundamentals of Neuroscience. 4 Credits.**

The study of cell structure and organization of the vertebrate central nervous system, mechanisms of neural signaling, the physiological and anatomical bases of behavior emphasizing mammalian sensory, motor, regulatory, and motivational mechanisms involved in the control of behavior and higher mental processes.

**BI-435. Development. 3 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. Prerequisites: BI-240.

**BI-450. Microbiology. 4 Credits.**

Microorganisms, with emphasis on the morphology, physiology, and ecological roles of bacteria and viruses. Principles of immunology. Includes laboratory.

**BI-452. Evolution. 3 Credits.**

Consideration of organic evolution including the origin of cells, adaptive radiation, natural selection, population genetics, and human evolution. Prerequisites: BI-215.

**BI-454. Endocrinology. 3 Credits.**

Hormones as agents of homeostasis and growth. Hormonal regulation of reproduction. Investigative methods in endocrinology. Prerequisites: BI-240.

**BI-457. Human Genetics. 3 Credits.**

The course will cover the genetics, molecular basis, clinical appearance and current approaches to treatment, prevention and cure of human diseases. Prerequisites: BI-350.

**BI-458. Parasitology. 3 Credits.**

Biology, epidemiology, pathology, and diagnosis of animal and human parasites. Physiology of host-parasite interplay. Includes laboratory. Prerequisites: BI-240.

**BI-460. Histology. 3 Credits.**

Cell types and tissues of vertebrates on the microscopic and submicroscopic levels disposition of tissues in the various organs. Includes laboratory. Prerequisites: BI-240.

**BI-462. Botany. 3 Credits.**

Structure, functions, development, and ecological relationships of higher plants. Evolutionary and phylogenetic survey of the plant kingdom (including fungi). Includes laboratory. Prerequisites: BI-240.

**BI-464. Immunology. 3 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: BI-240.

**BI-469. Human Nutrition. 3 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-215.

**BI-470. Invertebrate Zoology. 3 Credits.**

Structure, function, phylogeny, and ecology of invertebrate animals. Prerequisites: BI-184 BI-186.

**BI-473. Vertebrate Zoology. 3 Credits.**

A survey of the vertebrates with an emphasis on classification, structure, function, and evolution. Laboratory included. Prerequisites: BI-215.

**BI-475. Medical Botany. 3 Credits.**

Medicinal uses of plants in historic and modern times. Investigation of mode of action of selective plant-derived conventional medicine and what is known about the scientific basis of some popular folk remedies. Prerequisites: BI-215.

**BI-485. Current Issues in Biology. 3 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: BI-240.

**BI-486. Current Issues in Health Education. 3 Credits.**

To study relevant current health issues such as obesity, unhealthy dietary problems, apnea, tobacco use, alcohol, drugs, heart disease and cancer.

**BI-488. Astrobiology. 3 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-497. Research I. 2 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. Prerequisites: BI-240.



**BI-498. Research II. 2 Credits.**

An original independent lab research project for upper-level students, under the supervision of a faculty member. Prerequisites: BI-240.

**BI-499. Special Projects in Biology. 3 Credits.**

Work in various fields of biology not covered by regular courses. Offered when sufficient student interest is demonstrated in an area coinciding with faculty specialization. (1 to 3 credits).

**BL Courses****BL-161. Introduction to Law and Contracts. 3 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 and Business Organization. 3 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 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 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 Credits.****BL-251. Uniform Commercial Code. 3 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. Co-Op. 1 Credit.****BL-333. Environmental Law. 3 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. Tutorial. 1 Credit.****BL-421. Doing Business Overseas. 3 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. Prerequisites: BL-161 OR LW-155.

**BT Courses****BT-110. Science Goes to the Movies. 3 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 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 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-301. Medical Immunology. 3 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 Technologies. 3 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 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 micro-array hybridization. Ethical parties will be considered. Prerequisites: BI-240 BI-350 CH-252.

**BT-440. Research in Biotechnology I. 2 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.

**BT-441. Research in Biotechnology II. 2 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-251. History of Greece. 3 Credits.**

The political and cultural history of the Hellenic world from prehistoric times to the death of Alexander.

**CC-252. History of Rome. 3 Credits.**

Political and cultural history of the Roman world from the founding of the city to the death of Justinian.

**CC-256. Greek and Roman Mythology. 3 Credits.**

A study of Greek and Roman mythology; the theories of myth and their application to the specific cycles of myths; some reference to the use of myth in literature and art.

**CC-257. The Theatre of the Greeks. 3 Credits.**

Study of a representative group of plays by Aeschylus, Sophocles, Euripides, Aristophanes, and Menander, with emphasis on the history of the Greek theater, its place and function in Greek society, interpretation of the plays, and their influence on later drama.

**CC-261. Archeology: Greece and Near East. 3 Credits.**

A survey of the art and archeology of Greece, Asia Minor, and Egypt, beginning with the second millennium B.C., and ending in the early Christian era.

**CC-287. The City of Rome. 3 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-489. International Travel Course. 3 Credits.**

## CH Courses

**CH-108. Science for Educators. 3 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.

**CH-110. Chemical Principles. 3 Credits.**

Structure of matter, chemical reactions, stoichiometry; preparatory course for CH-131.

**CH-123. Matter and Man. 3 Credits.**

A core science course for the non science major. Topics of current interest are analyzed from their chemical perspective. Three class periods weekly.

**CH-129. Science Fact Or Science Fiction?. 3 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.

**CH-130. Chemistry and Cooking: Perfect Together. 3 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.

**CH-131. General Chemistry and Qualitative Analysis I. 4 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-131L.

**CH-132. General Chemistry and Qualitative Analysis II. 4 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.

**CH-153. Metabolism. 3 Credits.**

An overview of the metabolism of major biomolecules in the diet; vitamins, special diets and metabolic disorders.

**CH-237. Forensic Science. 3 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.

**CH-238. The Science of Art. 3 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.

**CH-251. Organic Chemistry I. 4 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.

**CH-252. Organic Chemistry II. 4 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.

**CH-329. Analytical Chemistry. 4 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-347. Elementary Physical Chemistry. 4 Credits.**

Structural, thermodynamic and kinetic analyses of chemical systems of biological interest presented with a minimum of calculus. Three class periods, one three-hour laboratory weekly. Prerequisites: CH-132.

**CH-353. Medicinal Chemistry. 3 Credits.**

An overview of modern day drug discovery, enzymes, receptors, pharmacokinetics and pharmaceutical synthesis. Prerequisites: CH-251.

**CH-361. Criminalistics and Forensic Science. 3 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. 4 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-366. Physical Chemistry II. 4 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-399. Tutorial. 1 Credit.****CH-421. Instrumental Analysis for Biochemistry. 2 Credits.**

Theory and application of modern instrumentation including: IR, NMR, MS, UV-VIS, LC, GC. Prerequisites: CH-329.

**CH-442. Biochemistry I. 3 Credits.**

Protein structure and function, enzymes, enzyme kinetics and mechanism, metabolism, techniques in protein chemistry. Prerequisites: CH-251.

**CH-443. Biochemistry II. 3 Credits.**

Biosynthesis, hormone regulation, RNA and DNA metabolism, regulation of gene expression, techniques in biotechnology.

**CH-449. Inorganic Chemistry. 4 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-365 OR CH-347.

**CH-460. Instrumental Analysis. 4 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. Problems in Chemistry. 3 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.

**CJ Courses****CJ-165. Introduction to Criminology. 3 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. Introduction to Criminal Justice. 3 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. Introduction to Law Enforcement. 3 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 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-199. Fundamentals of Criminal Law. 3 Credits.**

This course explores the common law and statutory principles of criminal liability, and the history and elements of crimes against persons, property, public order and morals.

**CJ-210. Multiculturalism in Justice. 3 Credits.**

Understanding community groups of various ethnic, racial and cultural backgrounds, elevating the awareness in Law Enforcement Agencies. Prerequisites: CJ-165, CJ-170.

**CJ-222. Family Law. 3 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. Prerequisites: CJ-165.

**CJ-230. Homeland Security and Terrorism. 3 Credits.**

Introduction to and understanding the importance of Homeland Security with dealing with contemporary terrorism. Prerequisites: CJ-170.

**CJ-237. Forensic Science. 3 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. Prerequisites: BI-122 OR BI-184.

**CJ-240. Gangs and Organized Crime. 3 Credits.**

Examines the street gang from Colonial era America to present day. Explores ethnic organized crime groups, the connections between gang groups, drug trafficking, extortion, prostitution, money laundering, and violent criminal activity.

**CJ-250. Victimology. 3 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 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 Credits.**

Examines the criminal justice system from the ethical point of view. Among the topics discussed are police procedures and human rights, the conduct of trials, due process of law and the operation of correctional facilities. Prerequisites: # PL-101 PL-110 OR HP-116 # CM-115 CM-116 CM-117 CM-119 CM-120 OR HP-122.

**CJ-260. Traffic Management. 3 Credits.**

The sources of traffic problems: traffic engineering and travel patterns. Traffic jams and rush hour collisions and disabled vehicles. Managing volume detours and advance warnings. Coordinating street traffic and highway operations. Zero tolerance programs for moving violations and equipment violations. Crime detection: stolen vehicles, fugitives, smuggling. Prerequisites: SO-175.

**CJ-265. History of Crime and Punishment. 3 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-280. Juvenile Delinquency. 3 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 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 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: CJ-165.

**CJ-295. Cooperative Education. 3 Credits.**

Cooperative work experience.

**CJ-298. Special Topics. 3 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.

**CJ-299. Leadership for Criminal Justice. 3 Credits.**

Provides students with a solid foundation in leadership principles and effectively leading change in criminal justice agencies.

**CJ-306. Cops, Crime and Cinema: Criminal Justice in Film. 3 Credits.**

An examination of the images the popular film media portrays of law enforcement, corrections, and the courts, and how these views differ from the reality of the criminal justice system.

**CJ-315. Criminal Procedure. 3 Credits.**

An analysis of the fourth, fifth, sixth, and eighth amendments to the Constitution as they apply to criminal suspects and defendants.

**CJ-316. Criminal Evidence. 3 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-165, CJ-170.

**CJ-350. Research Techniques and Data Analysis. 3 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.

**CJ-358. White Collar Crime. 3 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-165.

**CJ-359. Corruption. 3 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-165.

**CJ-381. Investigating and Dealing With Child Abuse. 3 Credits.**

Investigating and dealing with instances of child abuse and neglect. Legal issues and procedural steps. Prerequisites: CJ-165 AND SO-121.

**CJ-390. Criminal Law. 3 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 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 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-400. Police Administration. 3 Credits.**

The management of law enforcement agencies recruitment and testing training and supervision, evaluation and promotion, research and planning, budget management and coordination with other municipal agencies. Prerequisites: CJ-170 OR CJ-175.

**CJ-405. Crime Investigation. 3 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 and Prosecution. 3 Credits.**

Crime scenes: physical evidence and witnesses, constructing the scenario. Prosecution: case evaluation, pretrial and grand jury. Plea bargaining and trial strategies.

**CJ-418. Introduction to Forensics Techniques. 3 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. Prerequisites: CJ-175.

**CJ-419. Terrorism and Threat Assessment. 3 Credits.**

Provides students interested in intelligence research with a fundamental knowledge of terrorism theory, statutes and groups. Emphasizes entities with access to radiological, biological, and chemical weapons and their delivery systems. Prerequisites: CJ-170 OR CJ-240.



**CJ-420. Drugs, Society and Human Behavior. 3 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 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-441. Careers in Criminal Justice. 3 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.

**CJ-485. Child Protection Agencies and the Law. 3 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 Credits.**

Provides students interested in pursuing careers in criminal justice with field placements in law enforcement, courts, corrections or investigative agencies.

**CJ-487. Internship II. 3 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 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.

**CJ-491. Physical Threat Assessment. 3 Credits.**

Provides students with a foundation in physical security planning, surveillance and counter- surveillance techniques, target risk assessment, and dignitary planning and route analysis. Also examines the psychology of hostile forces.

**CJ-496. Special Research Projects I. 2 Credits.**

Affords students the opportunity to work on special research projects with department faculty on topics such as advanced criminological theory, historical analysis, etc.

**CM Courses****CM-001. Essential Writing I. 3 Credits.**

Emphasis on basic sentence patterns, paragraphing, and organization of ideas through pre-writing. Three class meetings weekly.

**CM-003. Essential Writing II. 3 Credits.**

Further emphasis on preparation for essay writing. Attention to idiom, sentence patterns, and organization. Prerequisites: CM-001.

**CM-103. Basic Composition. 3 Credits.****CM-104. Introduction to English Composition. 3 Credits.**

Instruction and practice in writing and reading English prose, with special emphasis upon individual development. The course progresses from personal experience to critical writing and research, and includes individual instruction and mandatory laboratory work (in CALL) in English grammar, spelling, and sentence structure. Special use is made of peer group discussion and other non-traditional teaching techniques. All students must take and pass a Proficiency Examination at the end of CM 104 and CM 115.

**CM-106. Introduction to English Composition. 3 Credits.**

Instruction and practice in writing English prose, with special emphasis upon individual development. The course progresses from personal experience to critical writing and research, and includes instruction in English grammar, spelling, and sentence structure. Special use is made of peer group discussion and other non traditional teaching techniques. All students must take and pass a Proficiency Examination at the end of CM106 and CM117.

**CM-115. Introduction to English Composition II. 3 Credits.**

Instruction and practice in writing and reading English prose, with special emphasis upon individual development. The course progresses from personal experience to critical writing and research, and includes individual instruction and mandatory laboratory work (in CALL) in English grammar, spelling, and sentence structure. Special use is made of peer group discussion and other non-traditional teaching techniques. All students must take and pass a Proficiency Examination at the end of CM 104 and CM 115. Prerequisites: CM-104 OR CM-106.

**CM-117. Introduction to English Composition II. 3 Credits.**

Instruction and practice in writing English prose, with special emphasis upon individual development. The course progresses from personal experience to critical writing and research, and includes instruction in English grammar, spelling, and sentence structure. Special use is made of peer group discussion and other non traditional teaching techniques. All students must take and pass a Proficiency Examination at the end of CM106 and CM117. Prerequisites: CM-104 OR CM-106.

**CM-120. English Composition. 3 Credits.**

Instruction and practice in the art of writing expository prose and the methods of writing research papers. Readings in short prose pieces and essays by distinguished writers. All written work, including examinations, tests the students' ability to write clearly and with understanding on what they have read. Emphasis is on objectivity, accuracy, clarity of expression, logical organization, and the elimination of grammatical and mechanical errors.

**CN Courses****CN-113. Elementary Mandarin Chinese I. 3 Credits.**

An introduction to the tones, pronunciation, characters and basic grammatical principles of Mandarin Chinese. Only for students with no previous Mandarin.

**CN-114. Elementary Mandarin Chinese II. 3 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.

**CN-399. Tutorial. 3 Credits.**

Topics: To be determined by the Chairperson and the Instructor.

**CS Courses****CS-150. Introduction to Computers and Information Processing. 3 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.

**CS-177. Introduction to Computer Science. 3 Credits.**

This course is an introduction to computer science in the context of scientific, engineering, and commercial applications. The goal of the course is to teach basic principles and at the same time prepare students for a major in computer science. Topics include: The von Neumann architecture, algorithms, data structures, hardware and software, application systems, programming, cyber security, and data science.

**CS-180. Introduction to Programming. 3 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.

**CS-205. Computer Science Workshop. 1 Credit.**

A topic chosen by mutual agreement of the student and instructor will be the basis of the course and final project. Credit may be used in lieu of a natural science lab. Prerequisites: CS-180 AND CS-231 AND INSTRUCTOR PERMISSION.



**CS-231. Software Engineering. 3 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-180 OR IS-180 MA-105, MA-123 OR MA-143.

**CS-237. Introduction to Java Programming. 3 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-180 OR IS-180.

**CS-240. Introduction to Video Game Programming. 3 Credits.**

The design and construction of video games. Detailed video game programming concepts will be discussed including: fundamental artificial intelligence, user interface design, and 3D game programming. Prerequisites: IS-180 OR CS-180.

**CS-260. Information Technology Ethics. 3 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 PL-101 OR TH-120.

**CS-271. Decision Support Systems. 3 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 BA-151 OR BA-155.

**CS-275. Introduction to Robotics. 3 Credits.**

This course will focus on models and methods for the design and development of robotic devices whose function is to accomplish prescribed tasks with minimal human intervention. Emphasis will be on basic robotics elements: simple mechanics (moving, turning, lifting), sensing the environment (light, contact, proximity), monitoring internal state (time, position, orientation), and incremental design for solving a problem. A major objective will be the implementation of a working robot to address a performance specification. There will be a laboratory component. Students will work in teams of 2 on laboratory projects utilizing Lego Mindstorms robot kits. Prerequisites: CS-150 OR CS-180.

**CS-295. Co-Op. 1 Credit.****CS-317. C# Programming for Web-Based Application. 3 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-180 OR IS-180.

**CS-332. Advanced Computing. 3 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.

**CS-339. Computer Architecture and Operating Systems. 3 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 CS-332.

**CS-355. Foundations of Programming Systems. 3 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-232.

**CS-370. Data Structures. 3 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 MA-123 OR MA-143.

**CS-415. Introduction to Parallel Robotics and Cell Phone Programming. 3 Credits.**

Introduction to parallel programming in Ada and Java. Students will write programs for cell phones and intelligent devices such as a robot. Prerequisites: CS-231 OR CS-237.

**CS-455. Advanced Robotics. 3 Credits.**

This course will teach advanced programming concepts in robot technology. Topics covered include robot control and robot hardware, the mathematics of robot control (local and global coordinate systems and transformations between them), and robot programming languages. Topics include obstacle avoidance, task planning, and knowledge based vision systems. There will be a laboratory component. Students will work in teams of two on programming assignments and laboratory experiments utilizing Lego Mindstorm robot kits. Prerequisites: CS-275.

**CS-470. Introduction to Artificial Intelligence. 3 Credits.**

Knowledge representation, cognitive simulation, machine learning, natural language processing, and knowledge-rich problem solving will be studied. Prerequisites: CS-370.

**CS-489. Network Technology, Protocols, and Defense. 3 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.

**CS-490. Independent Study in Computer Science. 3 Credits.**

For the superior student to pursue, under faculty supervision, for research topics not covered in courses offered.

**CS-495. Cryptology. 3 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.

**CS-496. Cyber Security and Digital Forensics Lab. 3 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. Prerequisites: IS-381 OR CS-495.

**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-101. Communication Basics. 3 Credits.**

An entry level look at communication models and research. Students will think critically about verbal and non-verbal messages interpersonally and through media.

**CU-102. Media Literacy. 3 Credits.**

Developing an understanding of new and traditional media, how media products are constructed and how they construct our everyday reality in ways that are social, cultural, psychological and political, with strategies for integrating media literacy into educational programs.

**CU-157. Introduction to Photography I. 3 Credits.**

Beginning with basic camera operation, students learn the visual and technical elements that create a photograph. 35mm camera required. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-158. Introduction to Photography II. 3 Credits.**

Directed toward developing a personal style of picture taking, this course includes dark-room experience in processing and printing black and white film. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-190. Introduction to Film. 3 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-115 CM-117 OR CM-120.

**CU-202. Media Communications I. 3 Credits.**

An introduction to the study of media with a focus on the history of print, broadcasting, film, video games and the internet. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-203. Media Communications II. 3 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-115 CM-117 OR CM-120, CU-202.

**CU-205. News Writing and Reporting. 3 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 OR CM-117 STUDENTS IN CM-120 MAY THIS COURSE.

**CU-208. Broadcast Newsroom. 3 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.

**CU-210. Writer's Workshop. 3 Credits.**

A review of the basic rules of grammar in English 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 CM-117 OR CM-120.

**CU-213. Advertising and the New Media. 3 Credits.**

The history, theories, techniques, and social impact of advertising, and its place in publishing, broadcasting and the new media. Prerequisites: CM-115 CM-117 OR CM-120 AND CU-202 OR CU-203.

**CU-214. Art Advertising and Design. 3 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.

**CU-218. Media Business. 3 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-117 OR CM-120 AND CU-202 OR CU-203.

**CU-220. Introduction to Computer Art. 3 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. Prerequisites: #1 COURSE FROM CM-115 CM-116 CM-117 CM-119 CM-120 HP-122.

**CU-221. Introduction to the Publishing Industry. 3 Credits.**

A foundation course in the Writing and Publishing specialty which explores the business and creative divisions of print oriented media such as books, magazines, and websites.

**CU-228. Asian Film. 3 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. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-232. Art and Desktop Publishing. 3 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. Prerequisites: #1 COURSE FROM CM-115 CM-116 CM-117 CM-119 CM-120 HP-122.

**CU-241. Advertising Management. 3 Credits.**

This course covers the management issues in advertising. It focuses on the design and implementation of effective advertising as part of an integrated marketing communications program. Since most advertising decisions involve both the advertiser and an advertising agency, the advertiser is viewed in interaction with agency, creative, media, and research personnel. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-244. Women in Film. 3 Credits.**

To explore ways in which women have been represented in film and what those representations reveal about perceptions of women in (primarily) American Culture and the American film industry. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-247. Marketing Communications. 3 Credits.**

This course is designed as an exploration of the history, development and current strategies, tactics and technologies of Integrated Marketing communication (IMC). 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-115 CM-117 OR CM-120.

**CU-252. Creative Writing. 3 Credits.**

Training and practice in writing and evaluating fiction. Prerequisites: EL-123 EL-134.

**CU-255. Ethics in Communications. 3 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-115 CM-117 OR CM-120.

**CU-256. The Horror Film. 3 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-115 CM-117 OR CM-120.

**CU-260. Radio Station I. 3 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.

**CU-261. Radio Station II. 3 Credits.**

An advanced level radio course, building on the skills learned in CU-260. Students learn to polish their interviewing, writing and remote news gathering and production skills. Students expand their knowledge and skills in radio production and the management of a small radio station. They will produce talk programming with multiple guests, perfect interviewing skills and produce and edit shows about campus and off-campus events with remote recording equipment.

**CU-265. Screenwriting. 3 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 CM-117 OR CM-120.

**CU-266. Advanced Screenwriting. 3 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-270. Broadcast Studies. 3 Credits.**

Students will be introduced to the basic structure, history, social impact, and operations of the broadcast industry. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-274. Media: Behind the Scenes. 3 Credits.**

A Metropolitan Seminar. Students visit news and entertainment centers such as The New York Times, PBS channel 13, NBC Studios, the Museum of Television and Radio, and the Museum of the Moving Image. Research on McLuhan theories of message interpretation via print, audio, and video mediums. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-275. Public Speaking Workshop. 3 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-115 CM-117 OR CM-120.

**CU-277. Strategies of Oral Communication. 3 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-115 CM-117 OR CM120.

**CU-282. Science Fiction Film. 3 Credits.**

A cultural history of the science fiction film genre. Through landmark films of the genre, students examine how the sci-fi film is a metaphorical reflection on the impact of relationship between society, science and technology. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-283. The Conspiracy Theory Film. 3 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-117 OR CM-120.

**CU-285. Gender and Communication. 3 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.

**CU-293. Today's Film Scene. 3 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. Prerequisites: CM-115, CM-117, OR CM-120.



**CU-295. Co-Op. 3 Credits.****CU-299. Special Topics in Communications. 1 Credit.**

Special topics in communications.

**CU-304. Principles of Media Law and Ethics. 3 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-115 OR CM-117 OR CM-120.

**CU-306. The Animated Film. 3 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-115 CM-117 OR CM-120.

**CU-307. Art Commerce and the Cultural Impact of Disney. 3 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-115 CM-117 OR CM-120.

**CU-308. Disney: Behind the Scenes. 3 Credits.**

Students travel to Walt Disney World for classes in learning skills and strategies connected to communication, teamwork, effective problem-solving, and management decision-making. A behind-the-scene tour is included. After the trip, students attend follow-up seminars of projects and discussion. Prerequisites: CM-115 CM-117 OR CM-120 MUST HAVE OVER 30 CREDITS.

**CU-310. Advanced News Writing and Editing Workshop. 3 Credits.**

Students build on expertise acquired in Cu205, developing skills further in newsgathering, editing, interviewing and layout. They will generate stories and complete assignments on deadline. Beat and specialized reporting, headline and feature writing, print vs. broadcast. Prerequisites: CU-205.

**CU-313. Advanced News Writing and Editing Workshop II. 3 Credits.**

Students will report, write, photograph and/or produce audio/video assignments about campus issues, events, arts and personalities. Students will copy edit, design print news pages, layout and produce online multimedia packages and video packages. Prerequisites: CU-205 CU-310.

**CU-315. Business and Professional Communication. 3 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.

**CU-318. African-American Communication In American Culture. 3 Credits.**

The communication styles of African-Americans have been integral in the creation of modern American culture. This course will trace the beginnings of this communication to its expression today in the United States. The evidence includes oral, visual, early written, and electronically mediated communication of African-Americans with specific examples in songs, dance, storytelling, and preaching artifacts, adornments and crafts pamphlets, slave narratives and journals and filmmakers, performers and composers. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-321. Book Editing and Publishing Workshop. 3 Credits.**

Learning the process of the book editing and production by creating a book using current electronic technology. Prerequisites: CU-221, CU-252, CM-120, CU-202, CU-203 OR CU-205.

**CU-340. Sports Writing. 3 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.

**CU-341. Art and Entertainment Journalism. 3 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.

**CU-350. Public Relations. 3 Credits.**

This course examines theories and techniques for collecting, selecting, packaging, and disseminating information within and between organizations and their various constituencies. Students learn how to write press releases, prepare press packets, and manage press contacts how to design and edit brochures, newsletters, and direct mailings, and how to use various media such as video, film, radio, and the internet to inform, promote, and persuade. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-355. Video Journalism. 3 Credits.**

A new form of journalism practiced today is on the web called video journalism. Students will investigate the format, producers and the future of this type of reporting. They will also take a close, critical look at its credibility. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-371. Production and Post Production. 3 Credits.**

An introduction to the production and post production process for features, documentaries, and educational programming. Topics will include: researching and establishing the story line, scripting, story boarding, budgeting, hiring, and working with talent and crew, shooting, scoring and sound effects, animation and other special effects, mixing and final editing. The roles of the writer, producer, director, executive producer, and others, as well as applications to TV, large screen, immersive video, and the internet, will be examined. Prerequisites: CU-202 OR CU-203.

**CU-385. Multimedia Reporting. 3 Credits.**

An introduction to the fastest growing segment of journalism, multimedia/online journalism. Students will learn the fundamentals of using digital audio, video and photo equipment, editing, participating in social networks and producing multimedia projects on the web. Class will also take a look at the financial and social impact of multimedia journalism. Prerequisites: CU-205 OR JN-205 CM-115 CM-117 OR CM-120.

**CU-400. Research Writing. 3 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-115 CM-117 OR CM-120, CU-202 OR CU-203.

**CU-410. Investigative Journalism and Advanced Features. 3 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.

**CU-419. Magazine Writing. 3 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.

**CU-421. Fiction and Film. 3 Credits.**

The course provides an introductory understanding of film, of the novel, and of the ways they interrelate. Prerequisites: EL-123 EL-134.

**CU-423. The American Film. 3 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-123 EL-134.

**CU-454. Black Films. 3 Credits.**

A survey of 20th century film making by and about African-Americans. Prerequisites: CM-115 CM-117 OR CM-120.

**CU-495. Media Internship I. 3 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.

**CU-496. Media Internship II. 3 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.

## EA Courses

### **EA-032. Language Acquisition: Dynamics of College Reading. 3 Credits.**

Using culturally and linguistically appropriate materials, students practice critical reading through a series of reading exercises that are designed to move from one level to the next smoothly. Discussions based on the readings of various novels are an integral part of the course. Emphasis is placed on vocabulary as well.

### **EA-041. English Fundamentals. 3 Credits.**

EA-041 is a one-semester writing course designed for students who need extra assistance in their writing skills. Along with emphasizing the basic structure of an essay, the class will also give special attention to language acquisition. This course does not count towards graduation requirements. Prerequisites: EA-011L.

## EC Courses

### **EC-100. Introduction to Economics. 3 Credits.**

A course designed to acquaint students with the basic structure, evolution, and scope of economics as a social science and the nature and uses of microeconomic and macroeconomic analysis. Not for Economics or Business majors.

### **EC-101. Macroeconomic Principles. 3 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.

### **EC-102. Microeconomic Principles. 3 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-230. Urban Economic Policies and Problems. 3 Credits.**

Social and economic conditions and policies in America's major cities in the 1990s and beyond. The application of economic principles to contemporary urban problems and public policy.

### **EC-251. Intermediate Microeconomics. 3 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 Credits.**

Models of national income determination. Inflation, unemployment, and the role of monetary and fiscal policy. Prerequisites: EC-101 EC-102.

### **EC-295. Co-Op. 3 Credits.**

### **EC-300. Statistics for Business, Finance and Economics. 3 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 OR MA-123 # MA-106 OR MA-124.

### **EC-301. Mathematical Economics. 3 Credits.**

The main applications of mathematics to economic concepts and problems. Maximization, minimization problems. Simultaneous equations, calculus, linear algebra. Prerequisites: EC-300.

### **EC-302. Elements of Econometrics. 3 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.

### **EC-303. Linear Programming for Economics. 3 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 and Inequality. 3 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.

**EC-350. History of Economic Thought. 3 Credits.**

The development of economic ideas from 1500 to present. Analysis and evaluation of the contributions of major writers and schools - orthodox and heterodox. Prerequisites: EC-101 EC-102 OR PERMISSION OF INSTRUCTOR.

**EC-351. American Economic History. 3 Credits.**

The formation and transformation of the American economy from colonial times to the present, with particular emphasis on the post-Civil War period. Prerequisites: EC-101 EC-102 OR PERMISSION OF INSTRUCTOR.

**EC-352. Managerial Economics. 3 Credits.**

The application of economic principles to managerial decisions in the areas of production, costs, demand, pricing, and advertising. Prerequisites: EC-102.

**EC-353. Labor Economics. 3 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-354. Industrial Organization. 3 Credits.**

Structure of American industry. Considers concentration ratios, barriers to entry, efficiency, research and development levels, industry conduct and performance, policy implications. Prerequisites: EC-102.

**EC-355. Government and Business. 3 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 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 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 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 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-451. Comparative Economic Systems. 3 Credits.**

Structure, organization, and practice in factor allocation, pricing and distribution for market economies, socialist economies, mixed economies, and centrally planned economies. Prerequisites: EC-101 EC-102.

**EC-452. Economic Development. 3 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 Economics of Latin America. 3 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.

**EC-490. Current Problems in Finance and Economics. 3 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.

**EC-494. Seminar: Unions and Collective Bargaining. 3 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 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 and non-honors students may count it as an upper-level elective. Prerequisites: EC-251 EC-252 EC-300.

**ED Courses****ED-001. Reading Lab. 0 Credits.****ED-010. Dynamics of College Reading. 3 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.

**ED-101. Dynamics of College Learning I. 3 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. 1 Credit.**

A multidisciplinary course for freshmen to assist in their development as responsible college students and to further their potential for academic success.

**ED-103. Career Development. 1 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-160. Education and Schooling in a Multicultural Society. 3 Credits.**

The historical contributions of private and public schools to the American educational system. Emphasis on issues and problems in both past and present involving human and intercultural relations as they affect the education of American children in the 21st Century.

**ED-170. Child and Adolescent Psychology. 3 Credits.**

A study of the growth and development from birth to adolescence within the context of the school.

**ED-203. Educational Psychology. 3 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-250. Educational Pedagogy of World Languages. 3 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. Co-Op. 3 Credits.****ED-301. Tests and Measurements. 3 Credits.**

A functional introduction to the field of student appraisal. Significance and scope included statistical treatment and interpretation of standardized tests. Construction and refinement of objective and essay tests in terms of recognized test criteria. PARCC assessments and New Jersey state assessments will be discussed.

**ED-390. Innovative Projects in Education I. 3 Credits.**

Special projects of merit under the direction of a mentor. Open to juniors and seniors only.

**ED-391. Innovative Projects in Education II. 3 Credits.**

Special projects of merit under the direction of a mentor. Open to juniors and seniors only.

**ED-395. Special Topics in Education. 1 Credit.**

Exploration of a selected topic in the field of education.

**ED-397. Professional Assessment Strategies. 3 Credits.**

Course would incorporate subject specific content and strategies for taking standardized assessments.

**ED-399. Tutorial. 3 Credits.****ED-428. Literature, Culture and Society Issues of West Africa. 3 Credits.**

A study of seminal texts representing the Malinke, Igbo, Ghanaian, Wolof, Bambara, and Senegalese peoples of West Africa.

**ED-429. Southern African Literature. 3 Credits.**

Students will study the literature and cultures of Southern Africa.

**ED-490. Sophomore Field Experience. 1 Credit.**

Observation and participation in an elementary or secondary school for a minimum of 30 hours. Seminar to provide concurrent and terminal reinforcement and evaluation of field experience. Required for acceptance into the Teacher Education Program.

**ED-491. Junior Field Experience. 1 Credit.**

Observation and participation in elementary or secondary school for minimum of 40 hours with focus on methods and techniques in the student's area of endorsement. A seminar will provide additional direction and reinforcement. Prerequisites: ED-490.

**ED-493. Practicum in Reading. 3 Credits.**

A field experience designed to provide the opportunity for students to work with reading teachers in a classroom setting.

**ED-498. Education of the Disadvantaged Child. 3 Credits.**

An exploration of the impact of discrimination, social conditions, and deprivation on the educational process, particularly in cities.

**EE Courses****EE-202. Elementary Curriculum. 3 Credits.**

A comprehensive overview of the total elementary school program as a vehicle for the education of the child in contemporary society.

**EE-204. Teaching Language Arts in the Elementary School Using Technology. 3 Credits.**

Materials and techniques of instruction appropriate to the teaching of spelling, handwriting, listening, oral and written language skills in the elementary school.

**EE-206. Teaching Reading in the Elementary School. 3 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. Teaching Mathematics in the Elementary School. 3 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. Teaching Science in the Elementary School Using Technology. 3 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 secondary school.

**EE-495. Student Teaching: Elementary. 8 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. Prerequisites: ED-490 ED-491.

**EE-499. Student Teaching: Elementary. 6 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. Prerequisites: ED-490 ED-491.

**EL Courses****EL-123. Forms of Literature: Poetry and Drama. 3 Credits.**

Designed to initiate and develop understanding and appreciation of the nature, properties, and traditions of poetry and drama and to stimulate critical interest in these literary forms by establishing standards of judgment and evaluation. Prerequisites: CM-115 CM-117 OR CM-120.

**EL-134. Fiction. 3 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-115 CM-117 OR CM-120.

**EL-201. Survey of English Literature I. 3 Credits.**

A study of major literary works in English from the Old English Period to the latter part of the eighteenth century chosen for the purpose of illustrating the forms, themes, modes, and temper of the past. Required of all English majors. Prerequisites: EL-123 AND EL-134.

**EL-202. Survey of English Literature II. 3 Credits.**

A study of major works of English literature from the latter part of the eighteenth century to the present chosen for the purpose of illustrating the forms, themes, modes, and temper of the modern experience. Required of all English majors. Prerequisites: EL-123 AND EL-134.

**EL-210. Grammar for Writers. 3 Credits.**

A review of the basic rules of grammar in English 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 CM-117 OR CM-120.

**EL-244. Women in Film. 3 Credits.**

An exploration of ways in which women have been represented in film and what those representations reveal about perceptions of women in (primarily) American Culture and the American film industry. Prerequisites: EL-123 AND EL-134.

**EL-252. Creative Writing Workshop. 3 Credits.**

Training and practice in writing and evaluating fiction and poetry. Prerequisites: CM-115 CM-117 CM-120.

**EL-254. Dramatic Writing Workshop. 3 Credits.**

An introduction to the basics of dramatic writing, this course is for students who wish to concentrate on scripts for the stage, with some consideration of writing for film and television. Prerequisites: CM-115 CM-117 CM-120.

**EL-293. Today's Film Scene. 3 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. Prerequisites: CM-115 CM-117 OR CM-120.

**EL-295. Co-Op. 3 Credits.****EL-300. History of the English Language. 3 Credits.**

An historical and contemporary survey of the structure and growth of the English language with special emphasis on the dialects and standard forms of Modern English, grammar review, and problems of syntax, orthography, and composition. Prerequisites: EL-123, EL-134 (GROUP 1).

**EL-304. Medieval English Literature. 3 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: EL-123 OR EL-134.

**EL-305. Chaucer. 3 Credits.**

Analysis of the Canterbury Tales, Troilus and Criseyde, and several of the minor poems. Prerequisites: EL-123, EL-134 (GROUP 1).

**EL-311. The Renaissance: Major Texts. 3 Credits.**

English prose and poetry from the late fifteenth to the early seventeenth century by such writers as Malory, More, Sidney, Spenser, Marlowe, Shakespeare, Donne, and Jonson. Prerequisites: EL-123, EL-134 (GROUP 1).

**EL-313. Renaissance Drama. 3 Credits.**

A reading and analysis of a variety of Renaissance plays from England and the continent (including Spain, Italy and Portugal). Prerequisites: EL-123, EL-134 (GROUP 1).

**EL-314. Elizabethan and Jacobean Drama. 3 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. Prerequisites: EL-123, EL-134 (GROUP 2).

**EL-315. Shakespeare. 3 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. Prerequisites: EL-123, EL-134 (GROUP 2).

**EL-321. 17th Century English Literature. 3 Credits.**

Prose and non-dramatic poetry from Jonson to Milton. Prerequisites: EL-123, EL-134 (GROUP 2).

**EL-325. Milton. 3 Credits.**

The major and minor poetry of Milton as well as select prose works. Prerequisites: EL-123, EL-134 (GROUP 2).

**EL-326. 18th Century English Literature. 3 Credits.**

The prose and poetry of the Enlightenment from Dryden to Blake. Prerequisites: EL-123, EL-134 (GROUP 2).

**EL-327. The 18th Century Novel. 3 Credits.**

A study of the development of the novel from Richardson to Austen. Prerequisites: EL-123, EL-134 (GROUP 2).

**EL-328. Swift Pope and Johnson. 3 Credits.**

A study of the works of three of the major eighteenth-century English writers who helped shape the values and vision of the period. Prerequisites: EL-123, EL-134 (GROUP 2).

**EL-331. English Romanticism. 3 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. Prerequisites: EL-123, EL-134 (GROUP 3).

**EL-334. Victorian Prose and Poetry. 3 Credits.**

An exploration of significant trends in Victorian literature primarily through a study of the works of its major poets, essayists, and novelists. Prerequisites: EL-123, EL-134 (GROUP 3).

**EL-335. Victorian Life and Literature. 3 Credits.**

A study of art, education, history, religion, and science in the literature of the Victorian era. Prerequisites: EL-123, EL-134 (GROUP 3).

**EL-336. Ideas and Social Problems in Victorian Literature. 3 Credits.**

A study of art, history, religion, and science in the literature of the Victorian era. Prerequisites: EL-123, EL-134 (GROUP 3).

**EL-345. Gothic Literature. 3 Credits.**

The gothic mode in fiction has been popular for over two centuries. This course explores stories and novels, both British and American, that reflect crucial elements of the genre. Prerequisites: EL-123, EL-134.

**EL-347. The American Novel Before 1900. 3 Credits.**

Selected novels by such writers as Brockden Brown, Cooper, Hawthorne, Melville, and Twain. Prerequisites: EL-123, EL-134 (GROUP 3).

**EL-348. American Literature to 1870. 3 Credits.**

The major writers and movements to 1870, with emphasis on the American dream of fulfillment. Prerequisites: EL-123, EL-134 (GROUP 3).

**EL-351. American Literature From 1870. 3 Credits.**

The major writers and movements from 1870, with emphasis on the American dream of fulfillment. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-353. The American Short Story. 3 Credits.**

A study of selected nineteenth and twentieth-century American short story masterpieces. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-354. American Drama. 3 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. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-356. Modern American Poetry. 3 Credits.**

A study of the lives and works of selected American poets, including Walt Whitman, Emily Dickinson, Robert Frost, T.S. Eliot, William Carlos Williams, and Sylvia Plath. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-357. The American Novel Since 1900. 3 Credits.**

Selected novels by such writers as Howells, James, Dreiser, Hemingway, Faulkner, Morrison, and Kennedy. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-358. Contemporary Literature. 3 Credits.**

This course examines writers-American, British, and Global-from the 1960's to the present with focuses on both stylistic and social/political concerns. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-359. African-American Writers. 3 Credits.**

A survey of the major concerns, styles, and perspectives of African-American writers. Prerequisites: EL-123, EL-134.

**EL-363. Modern British Novelists. 3 Credits.**

This course examines novels from such writers as Conrad, Stoker, Forster, Lawrence, Woolf, Joyce, Amis, and Coetzee. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-367. Modern Drama. 3 Credits.**

In investigating major plays of the modern period - realistic, naturalistic, expressionist, and absurdist - students will have to consider the values these playwrights embody in their work. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-368. Modernist and Post-Modern Fiction. 3 Credits.**

A study of modernists such as Kafka, Joyce, Woolf, and Freud and post-modernists, including Garcia Marquez, Pynchon, DeLillo, Satrapi, and Gibson. Prerequisites: EL-123, EL-134 (GROUP 4).

**EL-375. Responses to the Land: History and Literature of the Environment. 3 Credits.**

Viewed predominantly through the lenses of poets, essayists and historians, this course takes an interdisciplinary and cross-cultural approach to the questions posed by humankind's relationship to the environments-natural and 'man-made'- that we inhabit. Prerequisites: EL-123, EL-134, HS-121, HS-122.

**EL-376. Modern Philosophy and Literature. 3 Credits.**

Studying the works and theories of a variety of writers and philosophers, this course takes an interdisciplinary approach to examining "modern" responses to questions, issues, and themes arising in both the literary and philosophic traditions. Writers include: Beckett, Dostoyevsky, Kierkegaard, O'Connor and others. Prerequisites: EL-123, EL-134, PL-100, PL-101.

**EL-383. Bearing Witness to War and Genocide. 3 Credits.**

This course considers both fictional and non-fictional accounts of violence, destruction, ethnic cleansing, genocide and war to ask the question: what does it mean to bear witness? Prerequisites: EL-123, EL-134, HS-121, HS-122.

**EL-399. Tutorial. 3 Credits.**

EL-123 EL-134.

**EL-401. World Literature. 3 Credits.**

Selected readings of important works from around the world (read in translation), principally from the nineteenth and twentieth centuries. Prerequisites: EL-123, EL-134.

**EL-402. Literary Theory. 3 Credits.**

This course explores developments in literary theory from classical times to the present, including the study of works from Plato, Aristotle, Johnson, Coleridge, Wilde, Pater, Lacan, Foucault, and Butler, among others. Students will apply literary theories to works of literature. Prerequisites: EL-123, EL-134.



**EL-403. Great Books. 3 Credits.**

A study of some texts fundamental to the Western literary tradition and to a liberal education. Designed to provide a background in intellectual history, to provoke a reconsideration of basic values, and to train the mind. Writers include Homer, Plato, St. Augustine, Machiavelli, Cervantes, Rousseau, Nietzsche, and Dostoevsky. Prerequisites: EL-123, EL-134.

**EL-404. Crime and Punishment in Literature. 3 Credits.**

A study of the theme of crime and its subsequent punishment as presented in various literary genres. Prerequisites: EL-123, EL-134.

**EL-407. Tragedy and Comedy. 3 Credits.**

A study of Western drama, from ancient Greece to the contemporary stage, investigating the nature of dramatic genres, from tragedy to comedy and what lies in between. Plays are examined on the page, stage, and screen. Prerequisites: EL-123, EL-134.

**EL-410. Arthurian Legend. 3 Credits.**

A survey of the origins and growth of the legends of King Arthur, concentrating on texts from the Middle Ages, especially Sir Thomas Malory's *Le Morte Darthur*, with some attention to modern retellings as well. Prerequisites: EL-123, EL-134 (GROUP 1).

**EL-414. The Historical Novel. 3 Credits.**

The treatment of the past in a number of English, American, and continental novels of the nineteenth and twentieth centuries. The special problems of the exercise of the historical imagination within the formal demands of the novel. Prerequisites: EL-123, EL-134.

**EL-416. Children's Literature. 3 Credits.**

An examination of fiction written for children, including classic and contemporary stories. Students will read traditional literature, picture books, and genre texts including realism, history, and fantasy. The process of publishing of children's books and book choices for the classroom are considered. Prerequisites: EL-123, EL-134.

**EL-418. British Poetry. 3 Credits.**

A study of major poets-including Shakespeare, Donne, Wordsworth, Keats, Roseeetti, Hopkins, Yeats, Heaney, and Boland-and their impact on aesthetic, cultural, political, and theoretical trends from the sixteenth century to our contemporary age. Prerequisites: EL-123, EL-134.

**EL-420. Contemporary Theatre. 3 Credits.**

Appreciation of contemporary theatre through attendance of Broadway, Off-Broadway and Off-Off- Broadway theatre in New York City. Prerequisites: EL-123, EL-134.

**EL-421. Fiction and Film. 3 Credits.**

The course provides an introductory understanding of film, of the novel, and of the ways they interrelate. Prerequisites: EL-123, EL-134.

**EL-450. Capstone Seminar. 3 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: EL-123 EL-134 (SENIORS ONLY) 1 GROUP.

**EL-473. Shakespeare: From the Page to the Stage. 3 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: EL-123 EL-134.

**EL-493. Film Noir: Dark Side of American Film. 3 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. Prerequisites: EL-123, EL-134.

**EL-499. Special Topics. 3 Credits.**

CM-115 CM-117 OR CM-120;.

## ES Courses

### **ES-190. Introduction to Environmental Science. 3 Credits.**

This course examines how ecosystems function with an emphasis on the interactions between biological organisms and their physical environment and the chemical processes that govern these interactions. The impact of human populations on natural ecosystems is studied in detail using case studies from history and current events.

Prerequisites: BI-184, BI-186.

## EV Courses

### **EV-100. Introduction to Environmental Studies. 3 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.

### **EV-101. Introduction to the Environment: Forestry. 4 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 includes travel over spring break to study the lumber industry and the role of forests. Class meets 75 minutes per week plus mandatory one week travel component.

### **EV-125. Environmental Chemistry I. 4 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.

### **EV-126. Environmental Chemistry II. 4 Credits.**

Laboratory/lecture course introducing the chemical principles underlying environmental issues. The class meetings and one four-hour laboratory weekly. Prerequisites: EV-125.

### **EV-155. Introduction to Environmental Politics. 3 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 Credits.**

Evaluate the economics impact and feasibility of environmental decisions on individuals, governments and industry. Prerequisites: EC-100 EV-100.

### **EV-203. Global Citizenship II: U. N. Earth Chart. 3 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.

### **EV-221. Surveillance in the Cybercity. 3 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.

### **EV-253. Environmental Art and Issues. 3 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.

### **EV-295. Environmental Internship. 3 Credits.**

Internship in environmental area.



**EV-300. Ethics, Theology and Environmental Decisions. 3 Credits.**

Incorporate ethical, theological and social justice considerations into decisions about the environment. Prerequisites: TH-120 PL-101 CH-126 BI-184 EV-100.

**EV-327. Environmental Politics and Policies. 3 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 Credits.**

Capstone course for Environmental Studies major individual research and presentation (publication, film, lecture) of results. Prerequisites: EV-101.

**EV-486. Seminar: Genocide. 3 Credits.**

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

**FN Courses****FN-295. Co-Op. 3 Credits.****FN-302. Elements of Econometrics. 3 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. Introduction to Corporate Finance. 3 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: EC-101, EC-102, MA-105 OR MA-123, MA-106 OR MA-124.

**FN-410. Business Finance. 3 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 Credits.**

Builds on the conceptual framework developed in Ec410. 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 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 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 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.

**FN-417. Financial Statement Analysis. 3 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 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 and Economics. 3 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 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 Credits.**

An introduction to the pronunciation and basic grammatical principles of French. Only for students with no previous French.

**FR-114. Elementary French II. 3 Credits.**

An introduction to the pronunciation and basic grammatical principles of French. Only for students with no previous French. Prerequisites: FR-113.

**FR-133. Intermediate French I. 3 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.

**FR-134. Intermediate French II. 3 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.

**FR-141. Advanced Composition and Conversation I. 3 Credits.**

Refinement of composition skills nuances of grammatical usage vocabulary building intensive practice in French conversation. Prerequisites: FR-134 OR 3-4 YEARS HIGH SCHOOL FRENCH OR INSTRUCTOR APPROVAL.

**FR-142. Advanced Composition and Conversation II. 3 Credits.**

Refinement of composition skills nuances of grammatical usage vocabulary building intensive practice in French conversation. Prerequisites: FR-141.

**FR-250. French Civilization and Culture I. 3 Credits.**

Transition from the country to the city Paris as the capital of culture recommended for French majors and for those with general interest in French culture. Prerequisites: FR-134.

**FR-251. French Civilization and Culture II. 3 Credits.**

Transition from the country to the city Paris as the capital of culture recommended for French majors and for those with general interest in French culture. Prerequisites: FR-250.

**FR-260. French Theater: 17th Century. 3 Credits.**

Theater of the Age of Louis XIV. Moliere, Corneille, Racine Classicism and the Picaresque from the comedy of manners to French classical tragedy. Prerequisites: FR-134.

**FR-270. Contemporary Francophone Culture. 3 Credits.**

Improvement of basic language skills in French through the study of contemporary Francophone music and film. Prerequisites: FR-134 OR INSTRUCTOR APPROVAL.

**FR-320. Marco Polo and the Silk Road. 3 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia.

**FR-399. Tutorial. 3 Credits.**

Topics: To be determined by the Chairperson and the Instructor.

## GK Courses

### **GK-111. Elementary Attic Greek I. 3 Credits.**

Introduction to the language. Attic grammar and syntax. Readings in simple Attic Greek. Readings in Plato's Apology and the Greek New Testament.

### **GK-112. Elementary Attic Greek II. 3 Credits.**

Introduction to the language. Attic grammar and syntax. Readings in simple Attic Greek. Readings in Plato's Apology and the Greek New Testament. Prerequisites: GK-111.

### **GK-221. Intermediate Greek I. 3 Credits.**

Further study of all forms and syntax of the ancient Greek language. Prerequisites: GK-112 OR 1-2 YEARS H.S. GREEK.

### **GK-222. Intermediate Greek II. 3 Credits.**

Further study of all forms and syntax of the ancient Greek language. Prerequisites: GK-221.

### **GK-399. Tutorial. 3 Credits.**

Topics: To be determined by the Chairperson and the Instructor.

### **GK-477. Seminar Plato. 3 Credits.**

In-depth study of selected works of Plato in Attic Greek. Prerequisites: GK-222 OR INSTRUCTOR APPROVAL.

## GM Courses

### **GM-113. Elementary German I. 3 Credits.**

An introduction to the pronunciation and basic grammatical principles of German. Only for students with no previous German.

### **GM-114. Elementary German II. 3 Credits.**

An introduction to the pronunciation and basic grammatical principles of German. Only for students with no previous German. Prerequisites: GM-113.

### **GM-399. Tutorial. 3 Credits.**

Topics: To be determined by the Chairperson and the Instructor.

## HE Courses

### **HE-122. Nutrition in Health and Disease. 3 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 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-271. Concepts of Public Health. 3 Credits.**

Introduction to Public Health Issues - public health laws, policy cycle, demographics, and epidemiological concepts and applications.

### **HE-295. Co-Operative Education. 3 Credits.**

Co-operative education experience.

### **HE-301. Technology in Health and Fitness. 3 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. Prerequisites: PE-103.

### **HE-350. Human Sexuality in Health Education. 3 Credits.**

An overview of human sexuality and behavior with special emphasis on health education.

**HE-355. Fitness and Wellness. 3 Credits.**

Introduces the concepts of health and fitness with an emphasis on personal responsibility and exercise program development. Students will perform exercise testing for muscular strength, muscular endurance, cardiorespiratory endurance, flexibility, and body composition that will contribute to the development of a personal exercise program. Additionally, healthy behaviors and stress management techniques will be emphasized in order to enhance quality of life. Prerequisites: BI-171.

**HE-368. Health and Inequalities: Race, Class and Gender. 3 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.

**HE-486. Current Issues in Health Education. 3 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 Health and Physical Education. 3 Credits.**

Field Work experience in the areas of health and physical education.

## HM Courses

**HM-210. Healthcare Issues and Organization. 3 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-310. Budgeting and Financing in the Healthcare Industry. 3 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 and Ethical Aspects of Healthcare Management. 3 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.

**HM-480. Advanced Concepts in Healthcare Management and Marketing. 3 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: Method of Research. 3 Credits.**

The Honors Thesis: Research course prepares the student for the completion of the 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 engage in research under the direction of a faculty mentor. The arrangement with the mentor must be made prior to enrolling in the course. Both Hp390 and Hp492 are intended to facilitate the student's timely completion of the thesis project. A student may, however, choose to substitute an appropriate research course in their major department for Hp390. Any substitutions must be approved by the Director.

**HP-492. Honors Thesis: Independent Study. 3 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.

## HS Courses

### **HS-121. The Western Tradition. 3 Credits.**

An examination of the origins of early modern history with a special focus on Western civilization.

### **HS-122. World Perspectives in History. 3 Credits.**

A chronological continuation of Hs121 with a greater emphasis on global developments. Prerequisites: HS-121.

### **HS-123. Special Topics in History. 3 Credits.**

An examination of various topics which have significantly impacted the history of the world from the eighteenth century to the present. Prerequisites: HS-121.

### **HS-231. Main Currents in American History I. 3 Credits.**

The formation of the American Republic from colonial times to the present. Prerequisites: HS-121 AND HS-122 OR HS-123.

### **HS-232. Main Currents in American History II. 3 Credits.**

The formation of the American Republic from colonial times to the present. Prerequisites: HS-121 AND HS-122 OR HS-123.

### **HS-273. The Islamic World 622-1800. 3 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 AND HS-122 OR HS-123.

### **HS-295. Co-Op. 3 Credits.**

### **HS-300. World of Alexander the Great. 3 Credits.**

Starting with a review of the history of the ancient world prior to the appearance of Alexander III of Macedonia (356-323 B.C.) this course consists basically of the study of the political and social history of the tri-continental Hellenistic Ecumene he founded. Special emphasis will be placed on the types of sources used by historians who study the ancient world. Pre-modern World History. Prerequisites: HS-121 AND HS-122 OR HS-123.

### **HS-302. Making of Medieval Europe 300-1100 A.D.. 3 Credits.**

The development of a distinctly European civilization as a result of the fusion of the Judeo-Christian religion with the Graeco-Roman inheritance and Germanic institutions. Pre-modern World History. Prerequisites: HS-121 AND HS-122 OR HS-123.

### **HS-303. Medieval World 1100-1500 A.D.. 3 Credits.**

The rise and decline of feudal society - a political, economic and cultural history. Pre-modern World History. Prerequisites: HS-121 AND HS-122 OR HS-123.

### **HS-307. Women in the Middle Ages and Renaissance. 3 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. Prerequisites: HS-121 AND HS-122 OR HS-123.

### **HS-308. Modern Africa. 3 Credits.**

This course studies the indigenous and imperial cultures of Africa since 1800 with emphasis on Anglophone and Francophone regions. Prerequisites: HS-121 HS-122.

### **HS-309. Renaissance and Reformation Europe. 3 Credits.**

A study of the forces which produced change and crises in Europe from the fourteenth to the sixteenth century. Pre-modern World History. Prerequisites: HS-121 AND HS-122 OR HS-123.

### **HS-314. The World Wars. 3 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. Prerequisites: HS-121, HS-122.

### **HS-319. France: Nineteenth and Twentieth Century. 3 Credits.**

A largely biographical treatment of leading political personalities of late modern and contemporary France as reflections of the political and cultural values of their times. Modern Western History. Prerequisites: HS-121 HS-122.

### **HS-336. Nationalism in Modern Europe. 3 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. Prerequisites: HS-121, HS-122.

**HS-339. History of Germany 1815-1945. 3 Credits.**

A survey of German history from the Napoleonic Era to the collapse of the Nazi regime. Modern Western History. Prerequisites: HS-121 AND HS-122 OR HS-123.

**HS-340. Tudor-Stuart England 1485-1714. 3 Credits.**

The growth of dynastic monarchy and religious extremism which precipitated the struggles for power between the Crown and Parliament. Modern Western History. Prerequisites: HS-121 HS-122.

**HS-342. Britain in the 20th Century. 3 Credits.**

The evolution of socialism and the transformation of the empire from 1870 to the present. Modern Western History. Prerequisites: HS-121 HS-122.

**HS-343. Rise and Fall of British Empire. 3 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. Prerequisites: HS-121 AND HS-122 OR HS-123.

**HS-360. History of Russia 1613-1917. 3 Credits.**

Political, social, and cultural history of Russia from the Time of Troubles to the Bolshevik Revolution. Modern Western History. Prerequisites: HS-121 AND HS-122 OR HS-123.

**HS-361. The Soviet Empire. 3 Credits.**

Internal change and development of Russia in the Soviet period. Modern Western History. Prerequisites: HS-121 HS-122.

**HS-371. Comparative Revolutions. 3 Credits.**

This course focuses on the British, American, French, Russian and Chinese revolutions because they produced major changes still affecting the world. Prerequisites: HS-121 HS-122.

**HS-375. History of the Environment. 3 Credits.**

This course examines humankind's relationship to the environments-natural and 'man-made'-that we inhabit. Prerequisites: HS-121, HS-122 OR HS-123.

**HS-383. Bearing Witness to War and Genocide. 3 Credits.**

This course considers the history and interpretation of violence, destruction, ethnic cleansing, genocide and war what does it mean to bear witness? Prerequisites: HS-121 HS-122 OR HS-123.

**HS-438. Western Science and Occult. 3 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. Prerequisites: HS-121, HS-122.

**HS-450. Colonial Experience to 1763. 3 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.

**HS-452. American Revolution and Federalist Era 1763-1800. 3 Credits.**

A study of the causes, events and effects of this vital period in American history. Was it radical or conservative? Was it even a "revolution"? Prerequisites: HS-121 AND HS-122 OR HS-123.

**HS-453. Women in American History. 3 Credits.**

This course will cover the history of American women from the colonies to second-wave feminism of the 1960s and 1970s and beyond. Prerequisites: HS-231 HS-232.

**HS-459. The Era of the Civil War. 3 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." Prerequisites: HS-121 HS-122.

**HS-460. Wounds of War: The Reconstruction Era. 3 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. Prerequisites: HS-121 HS-122.

**HS-464. History of American Immigration. 3 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. Prerequisites: HS-121 AND HS-122 OR HS-123.



**HS-466. The Long Civil Rights Movement in America. 3 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.

**HS-468. American Republic 1919-1945. 3 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. Prerequisites: HS-121 AND HS-122 OR HS-123.

**HS-469. American Republic Since 1945. 3 Credits.**

An analysis of American society and institutions since World War II. United States History. Prerequisites: HS-121 HS-122.

**HS-472. History of Latin American: Encounter to Present. 3 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. Prerequisites: HS-121 AND HS-122 OR HS-123.

**HS-473. Religion in the U.S.. 3 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. Prerequisites: HS-121 HS-122.

**HS-475. Britain Asia and the Americas 1558-1815. 3 Credits.**

Development of the British Empire in Asia, North America, and the Caribbean from the reign of Elizabeth I to the Congress of Vienna. Prerequisites: HS-121 HS-122.

**HS-476. Britain and Global Power Since 1815. 3 Credits.**

The zenith and decline of British naval, economic, and colonial power from 1815 to the present, with emphasis on India and Africa.

**HS-477. End of the Empire: Decolonization and Cold War. 3 Credits.**

This course will use the theme of end of empire to provide insight into the history of the 20th century and the Cold War.

**HS-488. Bloody, Crooked, and Hopeful: Gilded Age. 3 Credits.**

1877-1917: In the Gilded Age and Progressive Era America experienced massive dislocation and violence from industrialization, the conquest of Native Americans and the terror of the Jim Crow South. In this time of fabulous wealth for the few, and poverty in both city and countryside, other Americans set out to reshape the world and reduce human suffering.

**HS-499. The Tuleja Seminar. 3 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. Prerequisites: HS-121 AND HS-122 OR HS-123.

**IS Courses****IS-180. Introduction to Programming. 3 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.

**IS-235. Visual Basic. 3 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-251. Web Page Development. 3 Credits.**

This course offers students a background to the World Wide Web, then takes them step-by-step through each of the stages of web site development using HTML and different Web development tools. Prerequisites: CS-150 OR CS-177 OR CS-180.

**IS-280. Computer Graphics. 3 Credits.**

Use of Web development and graphics packages, web aesthetics, information architecture, Web file formats, interactive drawing methods, and general graphic techniques will be studied. Prerequisites: CS-150 OR CS-180 OR IS-180.

**IS-295. Co-Op. 3 Credits.****IS-377. Linux. 3 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 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-180 OR IS-180.

**IS-381. Cyber Security Planning and Risk Management. 3 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 Information Systems. 3 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-415. E-Commerce. 3 Credits.**

Introduces the business processes in the new economy with specific emphasis on use of commerce sites for sales, marketing, customer service, and supply chain management. Topics include overview of commerce infrastructure, basics of hardware and software requirements for commerce site, technical components (intranets, extranets, protocols, programming, client-server environments, webmasters, on-line authoring tools, catalogs and services), introduction to privacy, security, legal issues, and introduction to the design, development, and implementation of commerce sites. Prerequisites: IS-380.

**IS-420. Principles of Information Technology Auditing. 3 Credits.**

Information technology operations will be examined from the point of view of information systems and management in both standalone and global environments. Information technology audit programs for different computer environments and technologies will be studied and prepared. The COBIT framework will be introduced for auditing information technology operations. This course will also provide students with an understanding of the rules and regulations related to information technology audit and compliance with applicable laws and regulation such as: HIPAA, Sarbanes Oxley, FERPA, Data Breach Disclosure Laws, FISMA, Gramm Leach Bliley, and PCI DSS. Prerequisites: AC-151 OR IS-380 OR INSTRUCTOR'S PERMISSION.

**IS-425. Disaster Recovery. 3 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. Advanced Web Page Development. 3 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-455. E-Commerce Website Construction. 3 Credits.**

Students will learn how to build, manage and deploy a database driven e-commerce website with a shopping cart and automatic order processing. Students will create a dynamic site which includes large and small images of products, calculation of invoice amounts, sales tax, shipping and payment methods. A final project is required. Prerequisites: IS-180 OR CS-180, IS-251 OR IS-451.

**IS-490. Independent Study in Information Science. 3 Credits.**

Under faculty supervision, independent study and research topics not covered in courses offered.

**IT Courses****IT-113. Elementary Italian I. 3 Credits.**

An introduction to spoken and written Italian stressing grammar and pronunciation.

**IT-114. Elementary Italian II. 3 Credits.**

An introduction to spoken and written Italian stressing grammar and pronunciation. Prerequisites: IT-113.

**IT-127. Intensive Italian. 6 Credits.**

An Intensive introduction to Italian which condenses two semesters of study into one. Fulfills language requirement in one semester.

**IT-133. Intermediate Italian I. 3 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, Prerequisites: IT-114 OR 1-2 YEARS OF HIGH SCHOOL ITALIAN.

**IT-134. Intermediate Italian II. 3 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.

**IT-150. Italian Oral Communication. 3 Credits.**

Practice in useful grammar and vocabulary for effective expression in Italian. Prerequisites: IT-134 OR INSTRUCTOR APPROVAL.

**IT-245. Survey: Italian Literature I. 3 Credits.**

Survey of Italian literature from its origins through the Renaissance. Prerequisites: IT-134 OR 3-4 YEARS H.S. ITALIAN.

**IT-246. Survey: Italian Literature II. 3 Credits.**

Survey of Italian literature from the Renaissance to the present. Prerequisites: IT-245.

**IT-252. The Italian Theater I. 3 Credits.**

A study of the Italian theater from the Renaissance to the present. Prerequisites: IT-134 OR INSTRUCTOR APPROVAL.

**IT-253. The Italian Theater II. 3 Credits.**

A study of the Italian theater from the Renaissance to the present. Prerequisites: IT-252.

**IT-255. Modern Italian Literature II. 3 Credits.**

A study of Italian literature focusing on the works of the best Italian writers of the 20th century. Prerequisites: IT-254.

**IT-265. Cinema Italiano I. 3 Credits.**

History of Italian film from the beginning to the present including writers, directors, technology and propaganda used. Prerequisites: IT-134 OR INSTRUCTOR APPROVAL.

**IT-320. Marco Polo and the Silk Road. 3 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia.

**IT-399. Tutorial. 3 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor.

## JN Courses

### **JN-205. News Writing and Reporting. 3 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.

### **JN-208. Broadcast Newsroom. 3 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. Writer's Workshop. 3 Credits.**

A review of the basic rules of grammar in English 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 CM-117 OR CM-120.

### **JN-295. Co-Op. 3 Credits.**

### **JN-304. Principles of Media Law and Ethics. 3 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. Advanced News Writing and Editing Workshop. 3 Credits.**

Students build on expertise acquired in Cu205, developing skills further in newsgathering, editing, interviewing and layout. They will generate stories and complete assignments on deadline. Beat and specialized reporting, headline and feature writing, print vs. broadcast. Prerequisites: CU-205.

### **JN-313. Advanced News Writing and Editing Workshop II. 3 Credits.**

Students will report, write, photograph and/or produce audio/video assignments about campus issues, events, arts and personalities. Students will copy edit, design print news pages, layout and produce online multimedia packages and video packages. Prerequisites: JN-205 JN-310.

### **JN-340. Sports Writing. 3 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 and Entertainment Journalism. 3 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.

### **JN-355. Video Journalism. 3 Credits.**

Students investigate the format, producers and the future of reporting on the web. Prerequisites: CU-205 OR JN-205 CM-115 CM-117 OR CM-120.

### **JN-385. Multimedia Reporting. 3 Credits.**

An introduction to the fastest growing segment of journalism, multimedia/online journalism. Students will learn the fundamentals of using digital audio, video and photo equipment, editing, participating in social networks and producing multimedia projects on the web. Class will also take a look at the financial and social impact of multimedia journalism. Prerequisites: CU-205 OR JN-205 CM-115 CM-117 OR CM-120.

### **JN-410. Investigative Journalism and Advanced Features. 3 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.

### **JN-419. Magazine Writing. 3 Credits.**

This course teaches students the ways to write and sell their work from brief how-to pieces to long narrative articles. Students will survey markets for their writing and send out queries. Prerequisites: CM-115 CM-117 OR CM-120 CU-205.

## JP Courses

### **JP-130. Elementary Japanese I. 3 Credits.**

An introduction to the basic language skills of speaking, reading, listening, and writing Japanese through a variety of media.

**JP-131. Elementary Japanese II. 3 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.

**JP-135. Intermediate Japanese II. 3 Credits.**

Further practice to master the basic concepts of rudimentary communication in Japanese. Prerequisites: AN-134 OR JP-134.

**JP-399. Tutorial. 3 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor. Prerequisites: AN-134 OR JP-134 OR INSTRUCTOR APPROVAL.

**LA Courses****LA-113. Elementary Latin I. 3 Credits.**

An introduction to the basic grammatical structures of Latin presented through exercises and brief literary selections.

**LA-114. Elementary Latin II. 3 Credits.**

An introduction to the basic grammatical structures of Latin presented through exercises and brief literary selections. Prerequisites: LA-113.

**LA-157. Intermediate Latin I. 3 Credits.**

Presentation of advanced vocabulary and grammatical structures through exercises and the reading of Latin literary texts. Prerequisites: LA-114 OR 1-2 YEARS HIGH SCHOOL LATIN.

**LA-158. Intermediate Latin II. 3 Credits.**

Presentation of advanced vocabulary and grammatical structures through exercises and the reading of Latin literary texts. Prerequisites: LA-157.

**LA-399. Tutorial. 3 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor. Prerequisites: LA-158 OR INSTRUCTOR APPROVAL.

**LA-492. Latin Authors: Ovid. 3 Credits.**

Readings from Ovid's major works and discussion of his age and his literary artistry. Prerequisites: LA-158 OR INSTRUCTOR APPROVAL.

**LA-493. Catullus Tibullus Propertius. 3 Credits.**

This course studies the erotic poetry of Catullus and the Latin elegist from a literary and linguistic point of view. Prerequisites: LA-158 OR INSTRUCTOR APPROVAL.

**LA-495. Latin Authors: Livy. 3 Credits.**

Readings from the works of Livy and discussion of the intellectual and cultural context in which they were produced. Prerequisites: LA-158 OR INSTRUCTOR APPROVAL.

**LA-496. Latin Authors: Horace. 3 Credits.**

Study of the Horace's odes and the society in which he wrote them. Prerequisites: LA-158 OR INSTRUCTOR APPROVAL.

**LA-497. Latin Authors: Seneca. 3 Credits.**

Study of the literary art of Seneca and his contributions to Roman literature. Prerequisites: LA-158 OR INSTRUCTOR APPROVAL.

**LA-498. Latin Authors : Augustine and Jerome. 3 Credits.**

Examination of the times and works of two of the great figures of the Roman Catholic Church. Prerequisites: LA-158 OR INSTRUCTOR APPROVAL.

**LA-499. Latin Authors: Medieval Latin. 3 Credits.**

Reading selections from a variety of Medieval Latin texts with attention given to changes in the language and its vocabulary. Prerequisites: LA-158 OR INSTRUCTOR APPROVAL.

**LS Courses****LS-101. Introduction to Latin America and Latino Studies. 3 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.

**LS-117. Spanish for Health Care Professions I. 3 Credits.**

Grammar and vocabulary taught through dialogues and situations related to the healthcare professions.

**LS-118. Spanish for Health Care Professions II. 3 Credits.**

Further practice in grammar and vocabulary related to the healthcare professions. Prerequisites: SP-117.

**LS-119. Spanish for Business and Finance I. 3 Credits.**

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage.

**LS-120. Spanish for Business and Finance II. 3 Credits.**

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage. Prerequisites: LS-119.

**LS-135. Intermediate Spanish for Native Speakers I. 3 Credits.**

Provides instruction and practice in the elements of grammar, syntax, spelling, and formal knowledge and use of the language.

**LS-136. Intermediate Spanish for Native Speakers II. 3 Credits.**

Provides instruction and practice in the elements of grammar, syntax, spelling, and formal knowledge and use of the language. Prerequisites: SP-135 LS-135.

**LS-195. Spanish: Social Services I. 3 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 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 Credits.**

A basic introduction to the principal literary genres through readings in Spanish. Prerequisites: SP-134.

**LS-199. Introduction to Hispanic Literature II. 3 Credits.**

A continued introduction to the principal literary genres through readings in Spanish. Prerequisites: SP-198.

**LS-203. Latino Popular Culture and the City. 3 Credits.**

This course is an attempt to do two things: First, we will explore the origins of common, though sometimes negative, portrayals of Latinos in popular culture. Second, we will explore how Latino artists and activists respond to such portrayals through literature, music, dance, film, theater, visual arts, and sports. We will examine how these issues unfold specifically in the urban context and pay close attention to race, ethnicity, class, gender and sexuality as factors that unify and divide us in contemporary society. Our observations will include some reading, some film/video, and some campus events.

**LS-223. Latin America Today: People Culture Issue. 3 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.

**LS-224. Black Hair and Identity in America. 3 Credits.**

This course will examine the social, cultural and political significance of black hair in America. It will explore hair's profound impact on identity. Black hair is embedded in notions of race, ethnicity, gender and class. Prerequisites: SO-121 OR UR-151 OR LS-101.

**LS-227. Sociology of Salsa. 3 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.

**LS-244. Hispanic-American Literature I. 3 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. Hispanic-American Literature I. 3 Credits.**

Origins and evolution of writings from Columbus to Vargas Llosa and his contemporaries. Required for Spanish majors and minors. Taught in Spanish. Prerequisites: PO-100 OR LS-101.

**LS-246. Hispanic-American Literature II. 3 Credits.**

Origins and evolution of writings from Columbus to Vargas Llosa and his contemporaries. Required for Spanish majors and minors. Taught in Spanish. Prerequisites: HIGH SCHOOL SPANISH OR INSTRUCTOR APPROVAL REQUIRED SP-134 SP-136 OR SP-199.

**LS-249. Cultural Geography of Hispanic America. 3 Credits.**

A study, through readings and video, of the history, culture, and societal aspects of the Spanish-speaking countries of Latin America. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR SP-199.

**LS-250. Spanish Conversation I. 3 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-134 SP-199.

**LS-251. Spanish Conversation II. 3 Credits.**

SP-250;

**LS-254. Sociology of Migration and Immigration. 3 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.

**LS-265. Social Justice in Latin American Film. 3 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.

**LS-273. Global Feminisms. 3 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality.

**LS-275. Pre-Columbian Civilizations. 3 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.

**LS-294. Business Writing in Spanish. 3 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.

**LS-295. Cooperative Education. 3 Credits.****LS-310. Feminist Political Theory. 3 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.

**LS-351. Issues in the Latino Community. 3 Credits.**

The Socio-economic and political origins of the various Hispanic peoples, with analysis of Social issue arising from Hispanic involvement in American Societal institutions, i.e. education, politics, family, etc. Prerequisites: SO-121 OR UR-151 OR LS-101.

**LS-354. Minority Group Relations. 3 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 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-366. Mapping Asian and Latino Bodies. 3 Credits.**

Creating "maps" of Asian and Latino Bodies in the cultural spaces of film, art, literature, and photography.

**LS-368. Health and Inequalities: Race, Class and Gender. 3 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.

**LS-370. Urban Anthropology. 3 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-371. Ancient Skywatchers of North America. 3 Credits.**

Study of some of the principal North American native cultures and how their lives relates to the land and the cosmos. Includes local field trip and a nine-day trip to Southwestern United States.

**LS-384. Cultural Anthropology. 3 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 PL-100 OR PL-101 OR TH-110 OR TH-120.

**LS-389. Latina Research in Action. 3 Credits.**

Students will learn about the theoretical underpinnings of participatory action research and will engage in existing or new participatory projects in education with Latina communities.

**LS-392. Caribbean Literature. 3 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-399. Special Topics. 3 Credits.****LS-412. Ethnicity and Race in Urban History. 3 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.

**LS-423. Government and Politics in Latin America. 3 Credits.**

A study of Latin-American political institutions including constitutions, executives, legislatures, judiciaries; significant Latin- American political problems, such as population, land ownership, instability, military interventionism, and relations among Latin-American nations.

**LS-452. Economic Development. 3 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-472. History of Latin America: Encounter to Present. 3 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.

**LS-489. Globalization and Fieldwork Seminar. 3 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. Prerequisites: SO-121 UR-151 PO-150.

**LS-490. Seminar Don Quijote. 3 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 and Identity. 3 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-494. Hispanic Experience in the U. S.. 3 Credits.**

Study of the heritage and identity of Hispanics in the U.S., especially as these are expressed in and through literary texts. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**LS-495. Internship in International Settings. 3 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.

**LS-496. Urban Internship. 3 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.

**LS-497. Advanced Urban Internship. 3 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 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.

**LW-156. Legal Aspects of Health Care. 3 Credits.**

Analysis of the legal aspects of health care, including general contracts, confidentiality of records, insurance liability, and malpractice.

**LW-316. Criminal Evidence. 3 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: SO-165 SO-170.

**MA Courses****MA-001. Introductory Algebra. 3 Credits.**

Real numbers, variable expressions, solving equations, linear equations in two variables, systems of linear equations, inequalities. This is a preparation course for MA-102, MA-105, MA-106, and MA-101.

**MA-101. Precalculus. 3 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.

**MA-102. Mathematics for the Humanities I. 3 Credits.**

Symbolic logic, number theory, functions, and other topics selected by the instructor.

**MA-103. Mathematics for the Humanities II. 3 Credits.**

Set theory, combinatorics, finite probability, conditional probability, and topology. Prerequisites: MA-102.

**MA-105. Elementary Applied Mathematics. 3 Credits.**

Introduction to ways in which everyday situations can be modeled and studied mathematically: networks, voting, coding, and finance.

**MA-106. Introduction to Probability and Statistics. 3 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).

**MA-108. Mathematics for Educators I. 3 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.

**MA-109. Mathematics for Educators II. 3 Credits.**

This course is a continuation of MA-108. Topics in the second semester 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. Prerequisites: MA-108.

**MA-115. Mathematics for the Health Sciences. 3 Credits.**

This course is designed for students in nursing, pre-health and allied-health fields so that they can master skills of basic math, use of measurement systems, and strategies of problem solving needed in the health-science courses. The Metric System of Measurement; Apothecaries' and Household Systems of Measurement; Calculations needed to determine dosages; Construction and Reading of Graphs; Introduction to Statistics including measures of central tendency and measures of dispersion.

**MA-123. Elementary Calculus I. 3 Credits.**

Differential calculus of polynomial and rational functions; applications of calculus to problems in business, economics, and the life sciences.

**MA-124. Elementary Calculus II. 3 Credits.**

Exponential and logarithmic functions, integral calculus, differential equations applications to problems in business, economics, and the life sciences. Prerequisites: MA-123.

**MA-125. Intermediate Calculus. 2 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 the Life Sciences. 3 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.

**MA-133. Calculus for the Life Sciences. 4 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.

**MA-143. Differential Calculus. 4 Credits.**

Limits and continuity; the derivative; chain rule and differentiation of algebraic functions; extrema; applications; the Mean Value Theorem.

**MA-144. Integral Calculus. 4 Credits.**

The definite integral and the Fundamental Theorem of the Calculus applications transcendental functions methods of integration. Prerequisites: MA-143.

**MA-212. Elementary Statistics. 3 Credits.**

Descriptive statistics, laws of probability, some standard probability functions, central limit theorem, confidence intervals, hypothesis testing. Prerequisites: MA-106(13047), MA-115, MA-124, OR INSTRUCTOR PERMISSION.

**MA-214. Mathematics of Finance. 3 Credits.**

Interest, partial payment, ordinary annuities, depreciation, amortization, sinking funds bonds, deferred annuities, perpetuities probability, mortality tables, life annuities, life insurance. Prerequisites: EITHER MA-106 MA-124 MA-133 MA-144 OR MA-273.

**MA-216. Computer Mathematics. 3 Credits.**

Number systems, internal representation, errors logic, Boolean algebra, circuits algorithms, efficiency counting, probability. Prerequisites: EITHER MA-106 MA-124 MA-133 MA-144 OR MA-273, AND CS-180.

**MA-218. Quantitative Methods for Business. 3 Credits.**

Decision theory, trees linear programming, simplex method, sensitivity analysis inventory theory CPM, PERT. Prerequisites: MA-106, MA-124, OR INSTRUCTOR PERMISSION.

**MA-222. Intermediate Statistics. 3 Credits.**

This course extends the statistical data analysis introduced in MA-212. Students will explore additional topics in parametric and non-parametric methods, including analysis of variance (ANOVA) and multiple regression learners 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.



**MA-246. Discrete Mathematics. 3 Credits.**

A study of the variety of finite mathematical structures and their applications. Logic and proofs Boolean algebras and combinatorial circuits sets, relations, equivalence relations, and recurrence relations graphs, trees. Prerequisites: MA-144 OR MA-125.

**MA-247. Introductory Linear Algebra. 3 Credits.**

Matrix calculus vector spaces linear independence and bases linear transformations on vector spaces eigenvalues and eigenvectors. Prerequisites: MA-246.

**MA-248. Math Tech Lab. 1 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.

**MA-273. Multivariable Calculus I. 4 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.

**MA-274. Multivariable Calculus II. 4 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.

**MA-295. Co-Op. 3 Credits.**

Co-operative work experience.

**MA-302. Elementary Math Functions for Middle School. 3 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. Statistics, Probability and Discrete Math for Middle School. 3 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 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-335. Probability Theory. 3 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 Credits.**

Law of large numbers, Central Limit Theorem, estimation of parameters, confidence intervals, test of hypotheses, sampling, regression, analysis of variance. Prerequisites: MA-335.

**MA-350. College Geometry. 3 Credits.**

Study of Euclidean and other geometries from an axiomatic point of view. Prerequisites: MA-246.

**MA-375. Advanced Calculus. 3 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 Equations. 3 Credits.**

Existence and uniqueness of solutions first and second order equations systems of linear differential equations solutions in power series applications. Prerequisites: MA-247 AND MA-274.

**MA-379. Differential Equations for Engineers. 4 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-274 AND MA-247.

**MA-382. Mathematical Modeling. 3 Credits.**

The nature and philosophy of model building algebraic and analytic models in the social, physical, and life sciences.  
Prerequisites: MA-273 AND MA-247.

**MA-385. Topics in Applied Mathematics. 3 Credits.**

Topics vary by term. Prerequisites: MA-273 AND MA-247.

**MA-387. Topics in Mathematics. 3 Credits.**

Topics vary by term. Prerequisites: MA-273 AND MA-247.

**MA-399. Tutorial. 3 Credits.****MA-441. Modern Algebra. 3 Credits.**

Introduction to modern algebraic concepts theory of groups, rings, and fields. Prerequisites: MA-246 MA-247  
INSTRUCTOR CONSENT REQUIRED.

**MA-467. Functions of a Complex Variable. 3 Credits.**

Complex numbers, analytic functions, elementary functions, mapping of elementary functions, integrals.  
Prerequisites: MA-274.

**MA-490. Senior Seminar in Mathematics. 3 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 SENIOR MATHEMATICS MAJORS ONLY.

**MA-495. Undergraduate Research. 3 Credits.**

Original research topic, chosen in consultation with faculty and pursued under faculty supervision.

**ML Courses****ML-101. The Epic: Ancient and Modern. 3 Credits.**

In the course of reading epic poetry by the ancient Greeks and Romans, and also by modern writers, we will seek to answer the question "What is an epic?" Prerequisites: LA-158 OR HP-158.

**ML-110. American Sign Language I. 3 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-111. American Sign Language II. 3 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. Prerequisites: ML-110.

**ML-112. American Sign Language III. 3 Credits.**

Further practice of expressive and receptive skills in American Sign Language, with additional attention to fluency and refinement of expression. Prerequisites: ML-111.

**ML-113. American Sign Language IV. 3 Credits.**

Further practice of expressive and receptive skills in American Sign Language, with additional attention to fluency and refinement of expression. Prerequisites: ML-112.

**ML-125. Intensive American Sign Language. 6 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.

**ML-151. Classics, Great Books and Ideas. 3 Credits.**

Reading and discussion of great books of our civilization and intellectual tradition: Homer, Machiavelli, Sartre, among others.

**ML-250. Educational Pedagogy of World Languages. 3 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.

**ML-251. Romance Language Synthesis I. 6 Credits.**

Comparative, simultaneous study of French, Italian, and Spanish, providing intensive practice in pronunciation, understanding, speaking, reading and writing each language.

**ML-252. Romance Language Synthesis II. 6 Credits.**

Comparative, simultaneous study of French, Italian, and Spanish, providing intensive practice in pronunciation, understanding, speaking, reading and writing each language. Prerequisites: ML-251.

**ML-258. The Baroque Aesthetic. 3 Credits.**

Literature from the Age of Versailles, monarchy, and the Counter Reformation. Excerpts from French, Spanish, and Italian literary works of the Baroque.

**ML-305. Romanticism. 3 Credits.**

Interdisciplinary study of the Romantic Movement based on reading of primary texts and critical evaluations. Taught in English; individual projects in target languages.

**ML-399. Independent Study. 3 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor.

**NS Courses****NS-320. Ethics and Responsibility in STEM Disciplines. 3 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 # PL-101 OR 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.

**NS-489. Globalization Seminar. 3 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.

**NU Courses****NU-103. Introduction to Professional Nursing. 1 Credit.**

The evolution of professional nursing is explored and the development of a professional identity is facilitated by the introduction of values inherent to the discipline of nursing including social justice.

**NU-202. Theoretical Bases of Professional Nursing. 3 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. Prerequisites: 2 COURSES FROM BI-172, PS-151 ADMISSION TO NURSING MAJOR.

**NU-203. Conceptual Theoretical Bases of Professional Nursing. 2 Credits.**

Nursing concepts and selected theories are examined including: health belief model, teaching/learning theory, culture/global health, evidence based practice and the nursing process. Prerequisites: NU-103.

**NU-204. Nutrition and Health. 3 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. Prerequisites: BI-171, BI-172.

**NU-210. Pharmacology for Professional Nursing Practice. 3 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. Prerequisites: MA-115.

**NU-250. Clinical Bases of Professional Nursing. 5 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.

**NU-302. Seminar in Professional Nursing. 2 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.

**NU-303. Seminar in APA Writing for Health Science. 2 Credits.**

A course to help the RN-BSN student learn APA writing style required for nursing and other health sciences.

**NU-304. Pathophysiology. 3 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. Prerequisites: BI-161 AND BI-172.

**NU-306. Computer Technology in Nursing Practice. 1 Credit.**

The application of computer technology to patient care nursing practice, research, educational management is explored. Health care information management systems are introduced.

**NU-308. Health Assessment. 3 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.

**NU-310. Health Assessment. 4 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. Prerequisites: NU-302.

**NU-312. Nursing Care for Adults and Aging I. 5 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.

**NU-315. Nursing Care for Adults and Aging II. 5 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.

**NU-325. Nursing Care for Child-Bearing Families. 5 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.

**NU-330. Care of Families and Aggregates. 4 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. Prerequisites: NU-310.

**NU-350. Trends and Issues in Nursing. 2 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-330.

**NU-360. Computer Applications in Nursing and Health Care. 2 Credits.**

The application of computer technology to patient care, nursing practice, research, education and management is explored. Health care information management systems are introduced. Prerequisites: NU-390.

**NU-390. Introduction to Nursing Research. 3 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. Prerequisites: NU-330(9711) PS-200 OR SO-448.

**NU-399. Undergraduate Nursing Tutorial. 2 Credits.****NU-404. Psychiatric-Mental Health Nursing. 5 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. Prerequisites: PS-235 SO-121 NU-315.

**NU-414. Nursing Care for Children and Adolescents. 5 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. Prerequisites: PS-235 NU-308 NU-325.

**NU-416. Social Justice Ethics and Health Care. 3 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.

**NU-420. Community Health Nursing. 4 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. Prerequisites: NU-430 OR NU-440.

**NU-430. Nursing Care for Adults and Aging III. 4 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. Prerequisites: NU-315.

**NU-440. Leadership and Management in Nursing. 4 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. Includes a change project proposal in a selected clinical agency. Prerequisites: NU-420.

**NU-445. Leadership and Trends in Nursing. 3 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.

**NU-450. Nurse/Client Educator. 2 Credits.**

A multifaceted approach to client/peer education. Emphasis on teaching/ learning concepts. The role of education as a strategy in health promotion. Prerequisites: NU-302.

**NU-452. Women's Health Issues. 3 Credits.**

Exploration of health issues affecting women from historical, political and pluralistic perspectives. The students' role as health care advocate is stressed. Prerequisites: NU-302.

**NU-453. Alternative Healing Methods. 2 Credits.**

A study of alternative healing techniques, practices and beliefs utilized in different cultures throughout history: emphasis on the socio-political importance of the healer and the status of folk medicine in contemporary high tech societies. Prerequisites: NU-302.

**NU-470. Dimensions of Professional Nursing. 4 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 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-104. Descriptive Astronomy. 3 Credits.**

A non-mathematical introduction to astronomy. Topics include: solar system, structure and evolution of stars, galaxies, and cosmology.

**PC-106. Meteorology and Climatology. 3 Credits.**

An introduction to the workings of our planet's atmosphere with emphasis on weather and weather forecasting. Topics will include: the interaction between the earth and the sun; air masses and weather fronts; how to read and interpret weather maps, satellite, and radar images including real time data from around the globe and from space; severe weather including hurricanes, thunderstorms, and tornados; and unusual local and regional weather phenomena. The course will also briefly investigate climate and global climate change. A field trip to a TV weather forecasting office will also be included.

**PC-110. Science Goes to the Movies. 3 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.

**PC-130. Technology in the 21st Century. 3 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.

**PC-140. How Stuff Works. 3 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.

**PC-145. Astro-Archeology. 3 Credits.**

Travel back through time to walk in the footsteps of ancient astronomers, emperors, shamans, priest, and kings as we go in search of the cosmic secrets of early cultures and investigate important archeological sites around the globe. Explore: the Sun Diggers of Chaco Canyon, the Temple of Heaven and the Starry Vaulted Tomb of Princess Yung T'ai, the Kukulcan's Serpent of Light and Shadow & the Mayan Cult of Venus. The Inca's Enclosure of Gold, the Book of the Dead and the Star Clocks of the Ramesside Pharaohs, the mysteries of Stonehenge, the standing stones of Kenya's Namora-tunga, and much more. Prerequisites: SO-121.

**PC-185. General Physics I. 3 Credits.**

Classical mechanics. Prerequisites: MA-124 MA-144 OR MA-133.

**PC-186. General Physics II. 3 Credits.**

Electromagnetism. Optics. Atomic and nuclear physics. Prerequisites: PC-185 MA-124 MA-144 OR MA-133.

**PC-187. General Physics Laboratory I. 1 Credit.**

A laboratory course to accompany Pc185.

**PC-188. General Physics Laboratory II. 1 Credit.**

A laboratory course to accompany Pc186.

**PC-190. Applied Electronics. 3 Credits.**

DC and AC circuits, semiconductor devices, operational amplifiers, digital logic, and digital computer fundamentals. Prerequisites: PC-191.

**PC-191. Applied Electronics Laboratory. 1 Credit.**

A laboratory course to accompany PC190. Prerequisites: PC-190.

**PC-210. LabVIEW Measurement and Automation. 3 Credits.**

Introduction to National Instruments LabVIEW program and its interaction with various instruments, measurements and automation.

**PC-295. Co-Op. 3 Credits.**

Co-operative work experience.

**PC-300. Math Methods in Physics. 3 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 Credits.**

Circuit principles, diodes and rectifiers, filters transistors as amplifiers and switches, operational amplifiers with applications, oscillators. Lecture and laboratory. Prerequisites: PC-185 PC-186 PC-187 PC-188.

**PC-336. Physical Electronics. 3 Credits.**

Semiconductor theory and the physics of diodes, of bipolar transistors, and of field- effect transistors. Prerequisites: PC-186.

**PC-337. Modern Physics. 4 Credits.**

The special theory of relativity, quantum phenomena, atomic and nuclear structure, molecular spectra, radio activity, fission and fusion, elementary particles. Lecture and Laboratory.

**PC-344. Optics. 4 Credits.**

Geometrical optics, wave nature of light, interference, diffraction, polarization, selected topics in quantum optics. Lecture and laboratory. Prerequisites: PC-185 PC-186 OR PC-190.

**PC-355. Thermodynamics and Stat Mechanics. 3 Credits.**

Heat and heat transfer, thermal behavior of gases, the laws of thermodynamics, entropy and enthalpy, partition functions, and engineering applications. Prerequisites: PC-186.

**PC-370. Mechanics. 3 Credits.**

Statics and dynamics of particles and rigid bodies. Theory of small vibrations. Gravitation, moving frames of reference. Relativistic dynamics. Prerequisites: MA-247 PC-185 PC-186.

**PC-374. Electricity and Magnetism I. 3 Credits.**

Electrostatics in free space and in the presence of dielectrics and conductors. Magnetostatics. Electromagnetic induction. The Maxwell equations. Prerequisites: PC-186.

**PC-380. Introduction to Quantum Mechanics. 3 Credits.**

Mathematical foundation of quantum mechanics. Schroedinger'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 Credit.**

This course provides the opportunity for individual work on an assigned research problem. Prerequisites: PC-185 PC-186 MA-274.

**PE Courses****PE-103. Principles and Foundations of Physical Education. 3 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.

**PE-201. Adapted Physical Education. 3 Credits.**

To develop knowlegde and understanding of how to teach adapted Physical Education. Prerequisites: PE-100.

**PE-202. Fundamentals of Coaching. 3 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. Prerequisites: PE-103.

**PE-228. Introduction to Sports Management. 3 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.

**PE-240. Teaching of Skills Activities I. 3 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 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-255. Fitness and Wellness. 3 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.

**PE-295. Co-Operative Education. 3 Credits.**

Co-operative education experience.

**PE-301. Technology in Health and Fitness. 3 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. Prerequisites: PE-103.

**PE-310. Kinesiology. 3 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 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 and Event Management. 3 Credits.**

Planning, Organization and Operation of Sport Facilities and management of events. Prerequisites: SM-228.

**PE-352. Exercise Physiology I. 3 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 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. Prerequisites: PE-352.

**PE-360. Sports Medicine. 3 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 and Ethical Issues in Sports. 3 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 AND TH-120 OR PL-101.

**PE-498. Internship. 3 Credits.**

Field Work experience in the areas of health and physical education.

**PE-499. Internship. 3 Credits.**

Field work experience in the areas of Sports Management and/or Health & Physical Education.

**PL Courses****PL-100. Introduction to Philosophy I. 3 Credits.**

An introduction to Philosophy and its history, with special emphasis on the classical philosophies of Socrates, Plato, and Aristotle.



**PL-101. Introduction to Philosophy II. 3 Credits.**

An introduction to the history of modern philosophy, with a special emphasis on the philosophy of Rene Descartes, and the debate between Rationalism and Empiricism. Prerequisite: PL-100 Prerequisites: PL-100.

**PL-151. Contemporary Ethical Issues. 3 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: PL-100, PL-101.

**PL-153. Logic. 3 Credits.**

An examination of the basic principles of human reasoning, with emphasis on traditional logic and critical thinking.

Prerequisites: PL-100 PL-101.

**PL-200. Rhetoric, Speech and Argument. 3 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:

PL-100.

**PL-213. 19th Century Philosophy. 3 Credits.**

Nineteenth century thinkers like Hegel, Marx, Mill, and Nietzsche explored values as they are shaped in history and within the spheres of ethical and social life, economics, and politics. Key topics and themes, including the interpretation of modernity, liberalism, and utilitarianism, are examined. Prerequisites: PL-100, PL-101.

**PL-230. Critical Moral Thinking. 3 Credits.**

PL-100 PL-101;.

**PL-231. Philosophy of Religion. 3 Credits.**

A philosophical investigation of the nature and existence of God, including the problem of evil, the relationship between faith and reason, and the relationship between God and the world. Values course. Prerequisites: PL-100 PL-101.

**PL-232. Philosophy of Human Nature. 3 Credits.**

A course in philosophical anthropology. This course will investigate some ancient and modern theories that offer explanations for the nature, meaning, and purpose of human beings. Values course. Prerequisites: PL-100 PL-101.

**PL-240. General Ethics. 3 Credits.**

A study of the various approaches to ethical theory, including Natural Law theory, Kantian deontology, Utilitarian consequentialism, virtue-based ethics, and modern rights theory. These general normative theories will then be applied to select moral issues. Values course. Prerequisites: PL-100 PL-101.

**PL-241. Environmental Ethics. 3 Credits.**

Basic theories of environmental ethics and philosophy are examined in connection with contemporary issues and problems involving the environment. Values course. Prerequisites: PL-100 PL-101.

**PL-252. Justice and Human Rights. 3 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: PL-100 PL-101.

**PL-253. Business Ethics. 3 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: PL-100, PL-101.

**PL-254. Contemporary Issues in Bioethics. 3 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: PL-100 PL-101.

**PL-259. Technology, Society and Values. 3 Credits.**

This course is a study of ethical considerations related to technology and its impact on society. Prerequisites: PL-100, PL-101.

**PL-284. Medieval Christian Philosophy. 3 Credits.**

An investigation of Christian medieval philosophy from the Patristic period to the fourteenth century, including Augustine, JS Erigena, Abelard, Anselm, Bonaventure, Aquinas, Duns Scotus and Ockham. Values course.

Prerequisites: PL-100, PL-101.

**PL-285. American Philosophy. 3 Credits.**

A philosophical examination of the historical and cultural origins of America as related to the genesis of the American philosophy of experience. Values course. Prerequisites: PL-100 PL-101.

**PL-287. Humanoids Morals and Machines. 3 Credits.**

An investigation of the charge that technology is ideology. An analysis of the problems created for human values by the fact that humans are increasingly understood in terms of machines. An evaluation of arguments for and against technological development. Values course. Prerequisites: PL-100 PL-101.

**PL-288. Recent European Philosophy. 3 Credits.**

This course examines thinkers in the areas of phenomenology and existentialism, which have dominated much of continental European philosophy during the past century. Prerequisites: PL-100, PL-101.

**PL-306. Existentialism: Dostoevsky to Sartre. 3 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: PL-100 PL-101.

**PL-311. Philosophy and Bob Dylan. 3 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: PL-101 OR TH-120.

**PL-316. The Philosophy of Immanuel Kant. 3 Credits.**

Immanuel Kant is arguably the most important philosopher of modernity. This course explores many key themes and elements of Kant's critical philosophy, including not only his epistemology, but also his great impact on ethical theory and social and political philosophy. Prerequisites: PL-100, PL-101.

**PL-317. German Idealism. 3 Credits.**

In the late 18th and early 19th centuries arose the major philosophical movement called German Idealism. Against the background of Kantian philosophy, the legacy of the Enlightenment, and Romanticism, the contributions of Fichte, Shelling, Hegel, and other significant major figures of German Idealism are studied. Values course. Prerequisites: PL-100, PL-101.

**PL-320. Asian Philosophy. 3 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: PL-100 PL-101.

**PL-330. Beauty and the Beast. 3 Credits.**

Beauty once constituted a central theme for both artist and public alike. Now, in the wake of the shock aesthetics of modernism and the - anything goes attitude of postmodernism we have trash as art and the obscene as social commentary. What is the relation of artistic or aesthetic values to standards of truth and decency? Values course. Prerequisites: PL-100, PL-101.

**PL-340. Feminist Philosophy. 3 Credits.**

An study of feminist philosophical theory. Topics for discussion include feminist epistemology, feminist social and political philosophy, gender and reproduction, feminist ethics, and patriarchy. Values course. Prerequisites: PL-100 PL-101.

**PL-353. Philosophy of Mind. 3 Credits.**

A philosophical examination of the nature of consciousness, including such topics as the relationship between mind and body, human freedom, the soul and it's possible immortality. Values course. Prerequisites: PL-100 PL-101.

**PL-376. Modern Philosophy and Literature. 3 Credits.**

Studying the works and theories of a variety of writers and philosophers, this course takes an interdisciplinary approach to examining "modern" responses to questions, issues, and themes arising in both the literary and philosophic traditions. Writers include: Beckett, Dostoyevsky, Kierkegaard, O'Connor and others. Prerequisites: EL-123, EL-134, PL-100, PL-101.

**PL-380. Ethics and Leadership. 3 Credits.**

An examination of the moral foundations and ethical consideration of what makes an ethical leader. Key questions include: What is leadership? What is ethical leadership? What types of costs result from poor leadership? How can one become an ethical leader? Prerequisites: PL-100 AND PL-151 OR PL-230 OR PL-240.

**PL-388. Philosophical Issues on Film. 3 Credits.**

This course explores how philosophical ideas and themes are contained within works of cinema. The course will examine how directors and screenwriters present images and words that illuminate the nature of reality and the human condition. Values course. Prerequisites: PL-100 PL-101.

**PL-390. Special Projects in Philosophy. 3 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: PL-100 OR PL-101.

**PL-399. Tutorial. 3 Credits.****PL-425. Symbolic and Mathematical Logic. 3 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-100 PL-101.

**PL-448. Plato's Dialogues. 3 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: PL-100 PL-101.

**PO Courses****PO-100. Perspectives on Politics. 3 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-130. Introduction to Nonviolence. 3 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. Introduction to Environmental Politics. 3 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 in Political Science. 3 Credits.**

An introduction to political science research methodologies, including quantitative and qualitative techniques, research ethics and culminating in a student research project and term paper. Prerequisites: PO-100.

**PO-201. American Government. 3 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-202. Global Citizenship I: Issues, Policy and Decision Making. 3 Credits.**

An examination and discussion of what it means to be a "global citizen" in the 21st century. Through the framework of the United Nations Millennium Development Goals, students will analyze their role as global citizens. Students may attend colloquia at the United Nations, as well as lectures at Saint Peter's, given by accomplished professionals in various fields. They will then analyze the information they hear and perform their own research into current issues - in class, in writing, and online - in order to learn about the world in which we live and become effective decision makers. Open to Honors sophomores only.

**PO-203. Global Citizenship II: U. N. Earth Chart. 3 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.

**PO-207. The Mass Media and American Politics. 3 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-215. United States Foreign Policy. 3 Credits.**

An examination of the principal historical influences and major institutions involved in the formulation and execution of foreign policy.

**PO-250. Introduction to Social Justice. 3 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.

**PO-259. Law, Politics and Society of Ancient Worlds. 3 Credits.**

A study of ideas of government, law, and the organization of society in Ancient Greece and Rome.

**PO-275. Introduction to International Relations. 3 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.

**PO-295. Co-Op. 3 Credits.****PO-300. Introduction to Comparative Politics. 3 Credits.**

The concepts and issues of comparative political analysis, analysis of political phenomena and use of alternative explanations and theories. Comparison of capitalist, socialist, and Third World systems.

**PO-301. Ancient and Medieval Political Theory. 3 Credits.**

A survey of the classic works of political theory from its inception through the Middle Ages: Plato, Aristotle, Augustine and Aquinas.

**PO-303. Early American Political Theory. 3 Credits.**

An examination of the formation of the American political consciousness from its beginnings until the end of the Civil War.

**PO-304. Recent American Political Theory. 3 Credits.**

A survey of the evolution of the American public argument from the reconstruction until the present, with emphasis on today's debate on current issues such as climate change, the uneasy relationship between capitalism and democracy, the privileging of privatization, etc.

**PO-310. Feminist Political Theory. 3 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.

**PO-311. Peace and Justice Issues Within Political Theory. 3 Credits.**

Historical overview of the peace movement in America and an analysis of contemporary concerns such as war and peace, wealth and poverty, racism and sexism.

**PO-312. The American Congress. 3 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 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 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 and Elections. 3 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-327. Environmental Politics and Policies. 3 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-365. Introduction to Security Studies. 3 Credits.**

An introductory course in the field of security studies that will survey major IR theories and different definitions of conflict, security, stability, peace, war and their significance in both historical and contemporary perspectives. It will explore the causes of mass violence (war) and interstate peace and their gradations in the international state system. The course will also review the basic literature of military strategy and its relation to the onset and evolution of international crises, war, and peace. It will discuss major philosophical works on the notions of conflict, security, violence, war, and peace among state actors.

**PO-376. International Organizations. 3 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. Prerequisites: PO-100.

**PO-378. Global Inequality. 3 Credits.**

An exploration of the patterns of economic and political inequality that exist between countries and within countries in the contemporary international system.

**PO-409. Constitutional Law and Governmental Powers. 3 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-410. Political Development. 3 Credits.**

Examination and discussion of the process of political modernization: the struggles for democracy, the popular participation- governmental forms and the institutionalization of democratic norms and objects.

**PO-411. Nationalism and Revolution. 3 Credits.**

A comparative and analytical study of nationalism and revolutionary movements. Nation-building in contemporary underdeveloped countries.

**PO-414. Understanding Global Terrorism. 3 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 and Civil Liberties. 3 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-420. Comparative Politics: Western Europe. 3 Credits.**

Analysis of politics in major European nations, including Great Britain, France, the Federal Republic of Germany, Italy, and Sweden. Consideration of the role of parties, economic and welfare state policies, opposition groups, and the forces of regional integration.

**PO-422. Comparative Politics: Middle East and North Africa. 3 Credits.**

Regional and international dimensions of politics in the area. The formation of nation- states nationalism, superpower rivalries, the Arab-Israel conflict and the Palestinian question, the politics of oil, energy, and development, Islamic revival and prospects for stability, change and democracy.

**PO-423. Government and Politics in Latin America. 3 Credits.**

A study of Latin-American political institutions, Including constitutions, executives, legislatures, judiciaries, significant Latin- American political problems, such as population, land ownership, instability, military interventionism, and relations among Latin-American nations.

**PO-477. International Law. 3 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. Prerequisites: PO-100.

**PO-479. International Political Economy. 3 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 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-486. Seminar: Genocide. 3 Credits.**

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

**PO-492. Seminar in Comparative Politics. 3 Credits.**

Examination and discussion of selected issues in comparative politics. Students will have the opportunity to explore a specific issue through faculty-guided research projects. Restricted to juniors and seniors with departmental approval. Prerequisites: PO-100.

**PO-493. Seminar in International Politics. 3 Credits.**

Examination and discussion of selected issues in international politics. Students will have the opportunity to work on student-designed, faculty-guided research projects. Restricted to juniors and seniors with departmental approval. Prerequisites: PREREQ: PO-100.

**PO-498. Seminar: Political Poetry and Music. 3 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, etc.

**PO-499. Political Science Capstone. 0 Credits.**

Comprehensive oral exam of each sub-discipline in political science and general political science knowledge. Prerequisites: PO-100.

**PS Courses****PS-140. Psychology of Success. 3 Credits.**

Psychology of Success is a course based upon a self-oriented exploration of basic psychological concepts, principles, theories, and the fundamental habits of research. It is designed to expose students to psychology as a discipline through an emphasis on constructs related to habits related to personal success. This course does not count for Psychology majors.

**PS-151. Introduction to Psychology. 3 Credits.**

Exploration of the methods and applications of psychology; introduction to research techniques, concepts, theories, and findings about normal and abnormal behavior.

**PS-170. Marriage and Family. 3 Credits.**

Examination of the dynamics and functioning of family systems (forming relationships, communication, marriages, sexuality, childraising, cross generational interactions, possible estrangements, the influences of gender and culture, and family therapy) through lecture, discussion, and class participation. Prerequisites: PS-151 MINIMUM GRADE C.



**PS-200. Statistics and Research Methods. 3 Credits.**

An introduction to descriptive and inferential statistics with emphasis on research methodology and applications in psychology. Prerequisites: MINIMUM GRADE OF C IN PS-151.

**PS-205. Experimental Psychology. 3 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 Statistics and Computer Applications. 3 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 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: EARN C OR BETTER IN PS-151.

**PS-230. Childhood and Adolescence. 3 Credits.**

A survey of the physical, intellectual, social, and personality development that occurs during infancy, toddlerhood, childhood, and adolescence. Prerequisites: EARN C OR BETTER IN PS-151.

**PS-235. Life Span Development. 3 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: EARN C OR BETTER IN PS-151.

**PS-240. Adulthood and Aging. 3 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: EARN C OR BETTER IN PS-151.

**PS-250. Personality. 3 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: EARN C OR BETTER IN PS-151.

**PS-260. Abnormal Psychology. 3 Credits.**

Description of normal and abnormal personality with emphasis on etiology, manifestations, dynamics, treatment, and prevention of social/psychological dysfunctions. Prerequisites: EARN C OR BETTER IN PS-151.

**PS-295. Co-Op. 3 Credits.****PS-305. Tests and Measurements. 3 Credits.**

Introduction to the theory and methods of assessing intelligence, attitudes, human abilities, and personality. Supervised experience with tests. Prerequisites: EARN C OR BETTER IN PS-151.

**PS-306. Capstone: Seminar Lab Tests and Measurements. 3 Credits.****PS-310. Social Experimental Psychology. 3 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: EARN C OR BETTER IN PS-151.

**PS-311. Capstone: Seminar Lab Social Experiment. 3 Credits.****PS-320. Learning. 3 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-321. Capstone: Seminar and Lab in Learning. 3 Credits.****PS-340. Physiological Psychology. 3 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 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-351. Capstone: Seminar and Lab in Cognitive Process. 3 Credits.****PS-398. Undergrad Psychology Research. 3 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 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: Seminar and Lab in Moral Psychology. 3 Credits.**

Capstone laboratory and seminar in Moral Psychology.

**PS-406. Political Psychology. 3 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 and Lab in Political Psychology. 3 Credits.**

Capstone laboratory and seminar in Political Psychology.

**PS-420. History of Psychology. 3 Credits.**

Survey of the origins and historical development of psychology leading to an analysis of main theories and systems. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-430. Industrial-Organizational Psychology. 3 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: Seminar and Lab in Industrial-Organizational Psychology. 3 Credits.****PS-435. Forensic Psychology. 3 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 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 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 MINIMUM GRADE C.

**PS-455. Biological Foundations: Human Sexuality. 3 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-463. Psychopathology and Film. 3 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, PS-250 OR PS-260 MINIMUM GRADE C.



**PS-480. Special Topics in Psychology. 3 Credits.**

An advanced exploration of a selected topic in contemporary psychology. Prerequisites: PS-151 MINIMUM GRADE C.

**PS-481. Capstone: Seminar and Lab in Special Topics in Psychology. 3 Credits.****PS-485. Memory. 3 Credits.**

An examination of human memory, including major historical theories and a discussion of basic characteristics of various memory systems and how they work. Prerequisites: EARN C OR BETTER IN PS-151.

**PS-486. Capstone: Seminar and Lab in Memory. 3 Credits.**

Laboratory & Seminar in Human Memory.

**PS-499. Capstone: Seminar and Lab in General Psychology. 3 Credits.**

Capstone seminar and lab in general Psychology. Prerequisites: EARN C OR BETTER IN PS-210 AND PS-205.

**RD Courses****RD-001. College Reading Lab. 3 Credits.****RD-010. Dynamics of College Reading. 3 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.

**RS Courses****RS-113. Elementary Russian I. 3 Credits.**

An introduction to Russian, with attention to listening, speaking, reading, and writing. Includes discussion of Russian and Slavic culture and civilization.

**RS-114. Elementary Russian II. 3 Credits.**

An introduction to Russian, with attention to listening, speaking, reading, and writing. Includes discussion of Russian and Slavic culture and civilization. Prerequisites: RS-113.

**RS-132. Intermediate Russian I. 3 Credits.**

Practice in the four basic skills of listening, speaking, reading, and writing as a means of improving a command of syntax, grammar, an vocabulary. Prerequisites: RS-114 OR 1-2 YEARS HIGH SCHOOL RUSSIAN OR INSTRUCTOR APPROVAL.

**RS-133. Intermediate Russian II. 3 Credits.**

Continued practice in the four basic skills of listening, speaking, reading, and writing as a means of improving a command of syntax, grammar, an vocabulary. Prerequisites: RS-132.

**RS-399. Tutorial. 3 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor.

**SE Courses****SE-370. Improvement of Reading in the The Secondary Schools Using Technology. 3 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. Principles and Techniques of Teaching in the Secondary School. 3 Credits.**

Applications of the principles of education to classroom instruction. Preparation for the first days of teaching, classroom management, motivation, methodology, planning, and the objectives of education.

**SE-408. Principles of High School Curriculum. 3 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 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. Prerequisites: ED-490 ED-491.

**SE-499. Student Teaching: Secondary. 6 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. Prerequisites: ED-490 ED-491.

**SJ Courses****SJ-130. Introduction to Nonviolence. 3 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-136. Introduction to Lesbian, Gay, Bisexual and Transgendered Studies. 3 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-140. Introduction to Women's Studies. 3 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. Introduction to Environmental Politics. 3 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-202. Urban Music: Jazz to Hip-Hop. 3 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.

**SJ-203. Global Citizenship II: U. N. Earth Chart. 3 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-216. Gender, Sexuality and Religion. 3 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.

**SJ-221. Surveillance in the Cybercity. 3 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.

**SJ-223. Latin America Today: People, Culture and Issues. 3 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-235. Harlem Renaissance. 3 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.

**SJ-245. Haitians in America. 3 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. Introduction to Social Justice. 3 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.

**SJ-256. Sociology of Sports. 3 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: SO-121.

**SJ-295. Co-Op. 3 Credits.****SJ-304. Recent American Political Theory. 3 Credits.**

A survey of the evolution of the American public argument from the reconstruction until the present with emphasis on today's debate between the proponents of liberal individualism and communitarianism.

**SJ-310. Feminist Political Theory. 3 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.

**SJ-311. Philosophy and Bob Dylan. 3 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: PL-100 PL-101 OR TH-110 TH-120.

**SJ-328. Social Work in Urban Systems. 3 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-333. Black Community and the Law. 3 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.

**SJ-351. Issues in the Latino Community. 3 Credits.**

The socio-economic and political origins of the various Hispanic peoples, with analysis of Social issue arising from Hispanic involvement in American Societal institutions, i.e. education, politics, family, etc. Prerequisites: SO-121 OR UR-151.

**SJ-352. Minority Group Relations. 3 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.

**SJ-368. Health and Inequalities: Race, Class and Gender. 3 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.

**SJ-370. Urban Anthropology. 3 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 Credits.**

An exploration of the patterns of economic and political inequality that exist between countries and within countries in the contemporary international system.

**SJ-411. Nationalism and Revolution. 3 Credits.**

A comparative and analytical study of nationalism and revolutionary movements. Nation-building in contemporary underdeveloped countries.

**SJ-412. Ethnicity and Race in Urban History. 3 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.

**SJ-443. Black Theology. 3 Credits.**

The study of the origins and influence of the major religious traditions found in the American black community. May be used as a substitute for Th120. Prerequisites: TH-110 TH-117 HP-117.

**SJ-454. Black Films. 3 Credits.**

A survey of 20th century film making by and about African-Americans. Prerequisites: CM-115 CM-116 CM-117 CM-119 CM-120 OR HP-122.

**SJ-460. U.S. Civil Rights Movement. 3 Credits.**

Analysis of the origins, processes, and outcomes of the twentieth century black American Civil Rights struggle.

**SJ-465. Vietnam and the U.S.. 3 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-486. Seminar: Genocide. 3 Credits.**

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries. Prerequisites: SO-121, UR-151 OR PO-100.

**SJ-489. International Travel Course. 3 Credits.**

SO-121 UR-151 PO-100 OR LS-101;

**SM Courses****SM-201. Adapted Physical Education. 3 Credits.**

To develop knowledge and understanding of how to teach adapted Physical Education. Prerequisites: PE-100.

**SM-228. Introduction to Sports Management. 3 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. Media Relations in Sports. 3 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 Credits.**

Managerial control in sports organizations is studied. Prerequisites: SM-228 AC-151 EC-101.

**SM-295. Co-Op. 3 Credits.****SM-310. Sports Law. 3 Credits.**

Sports law covers the legal issues at work in the world of both amateur and professional sports. Topics include labor issues, antitrust, tort Law and the business and academic aspects of sports law. Prerequisites: BA-228.

**SM-350. Sport Facility Operation and Event Management. 3 Credits.**

Planning, Organization and Operation of Sport Facilities and management of events. Prerequisites: SM-228.

**SM-410. Legal and Ethical Issues in Sports. 3 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.

**SM-450. The Global Sports Industry. 3 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 Credits.**

Field work experience in the areas of Sports Management and/or Health & Physical Education.

## SO Courses

### **SO-121. Introduction to Sociology. 3 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.

### **SO-125. Introduction to Social Work. 3 Credits.**

Provides students with an introduction to the field of social work. Examines the range of opportunities in this career.

### **SO-130. Introduction to Latin American and Latino Studies. 3 Credits.**

This course is an introduction to the study of Latin American and Latino communities in the United States. Course topics will include, but are not limited to Latin American history, U.S.-Latin American relations, migration, colonization, historical, and contemporary issues.

### **SO-134. Introduction to Sustainability. 3 Credits.**

Students will broaden their awareness of the beauty and pain of the natural world, including human community. Emphasis will be placed on the "greening" movement.

### **SO-136. Introduction to Lesbian, Gay, Bisexual and Transgendered Studies. 3 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. Introduction to Nonviolence. 3 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 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.

### **SO-145. Astro-Archeology. 3 Credits.**

Travel back through time to walk in the footsteps of ancient astronomers, emperors, shamans, priest, and kings as we go in search of the cosmic secrets of early cultures and investigate important archeological sites around the globe. Explore: the Sun Diggers of Chaco Canyon, the Temple of Heaven and the Starry Vaulted Tomb of Princess Yung T'ai, the Kukulcan's Serpent of Light and Shadow & the Mayan Cult of Venus. The Inca's Enclosure of Gold, the Book of the Dead and the Star Clocks of the Ramesside Pharaohs, the mysteries of Stonehenge, the standing stones of Kenya's Namora-tunga, and much more. Prerequisites: SO-121.

### **SO-200. Ethnic and Racial Relations. 3 Credits.**

The study of interethnic and interracial relations. American and international experiences of immigrant groups, majorities, minorities, dominant cultures, and subcultures. Prerequisites: UR-151 OR SO-121.

### **SO-203. Latino Popular Culture and the City. 3 Credits.**

This course is an attempt to do two things: First, we will explore the origins of common, though sometimes negative, portrayals of Latinos in popular culture. Second, we will explore how Latino artists and activists respond to such portrayals through literature, music, dance, film, theater, visual arts, and sports. We will examine how these issues unfold specifically in the urban context and pay close attention to race, ethnicity, class, gender and sexuality as factors that unify and divide us in contemporary society. Our observations will include some reading, some film/video, and some campus events.

### **SO-208. Sociology of Film. 3 Credits.**

The impact of films on Society from a Sociological perspective and an analysis of Social structure and Social institutions (economy, race, culture, gender, etc.) through masterpieces of cinema. Prerequisites: SO-121.

### **SO-210. TV and Society. 3 Credits.**

This course examines how the media shapes society and in-turn how society shapes the media. While initially focusing on television, the class now looks at more recent forms of the communication. Prerequisites: SO-121.

**SO-216. Gender, Sexuality and Religion. 3 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.

**SO-221. Surveillance in the Cybercity. 3 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-223. Latin America Today: People, Culture and Issues. 3 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.

**SO-224. Black Hair and Identity in America. 3 Credits.**

This course will examine the social, cultural and political significance of black hair in America. It will explore hair's profound impact on identity. Black hair is embedded in notions of race, ethnicity, gender and class. Prerequisites: AS-177 SO-121 OR UR-151.

**SO-225. Sociology of Consumer Culture. 3 Credits.**

This course explores the dynamics of the market economy. What and why do people consume? What are the forces behind this? Prerequisites: SO-121.

**SO-227. Sociology of Salsa. 3 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. Prerequisites: SO-121 OR UR-151 OR LS-101.

**SO-228. Demographic Trends and Urban Change. 3 Credits.**

An analysis of the changing populations in urban communities, the course examines both immigration and migration as well as how different areas of the city are constantly evolving. Prerequisites: SO-121 OR UR-151.

**SO-230. Experiencing Social Issues I. 3 Credits.**

An examination of major Social issues through experiential activities in various criminal justice and Social service settings such as prison, court, an urban police department, drug and alcohol rehabilitation centers, an inner city health clinic, a nursing home, soup kitchens, an urban renewal project, an urban charter school, etc. Prerequisites: SO-121 OR UR-151.

**SO-231. Experiencing Social Issues II. 3 Credits.**

An examination of major Social issues through experiential activities in various criminal justice and Social service settings such as prison, court, an urban police department, drug and alcohol rehabilitation centers, an inner city health clinic, a nursing home, soup kitchens, an urban renewal project, an urban charter school, etc.

**SO-232. China: Environmental Change and Possibilities. 3 Credits.**

This course focuses on the social, political, economic and cultural variables 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.

**SO-234. Sociology of Ethnic Cuisine. 3 Credits.**

Understanding society and ethnic diversity through an in-depth study of cuisine, focusing on the traditions, rituals, symbolism and meaning of food materials, food preparation and consumption. The course examines the role of food in defining ethnic identity and in deciphering the interaction between tradition and modernity. Prerequisites: SO-121 OR UR-151.



**SO-236. Families in Urban Settings. 3 Credits.**

An examination of the impact of urban society on families. How urbanization changed the composition and functions of the family will be the central questions explored. Prerequisites: SO-121 OR UR-151.

**SO-245. Haitians in America. 3 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-251. Current Social Problems. 3 Credits.**

Examination of controversial public issues using sociological theory and research as the resources change and conflicts in values as the source of new problems. Prerequisites: SO-121 OR UR-151.

**SO-253. Social Deviance. 3 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 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.

**SO-255. Personality and Social Interaction. 3 Credits.**

Processes of social learning social sources of motivation development of beliefs and attitudes social norms and personality formation group morale and leadership social interaction and the conflict of social roles the individual and social change. Prerequisites: SO-121 OR UR-151.

**SO-256. Sociology of Sports. 3 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: SO-121.

**SO-261. Archeology: Greece and the Near East. 3 Credits.**

An in-depth introduction into the history and field of archeology of ancient Greece and the Near East Prerequisites: SO-121.

**SO-273. Global Feminisms. 3 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality.

**SO-275. Pre-Columbian Civilizations. 3 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 Credits.**

Classical themes of Sociology and major theoretical achievements from 1815 to the present. Prerequisites: SO-121.

**SO-283. The Conspiracy Theory Film. 3 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-117 CM-120.

**SO-295. Cooperative Education. 3 Credits.****SO-300. Wealth, Power and Prestige: Social Stratification. 3 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-309. Women in the Changing Urban World. 3 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: SO-121 OR UR-151 OR SO-140.

**SO-313. Human Evolution, Ecology and Adaptation. 3 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-320. Marco Polo and the Silk Road. 3 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia.

**SO-324. Sociology of Work. 3 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-326. The Anthropology of Gender. 3 Credits.**

Course is a cross cultural, comparative and historical examination of the different constructions of gender (masculinity and feminism). Includes symbolic meanings of sexual differences and how these meanings influence life cycle ritual, etc... Prerequisites: SO-121 OR SO-384.

**SO-333. Black Community and the Law. 3 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-337. Sociology of Human Sexuality. 3 Credits.**

Biological, psychological and cultural patterning of human sexual behavior; sexual roles and sex scripts, sexual dysfunction; sexual deviance; and Social regulation.

**SO-340. Sociology of Religion. 3 Credits.**

Marx, Durkheim, and Weber on religion and Society current resurgence of Islam, Catholicism, and Judaism around the world. Religion in the U.S.: cults and traditional churches. Impact of religion on economics, education, and culture. Prerequisites: SO-121 OR UR-151.

**SO-345. Sociology of Intimacy. 3 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. Issues in the Latino Community. 3 Credits.**

The socio-economic and political origins of the various Hispanic peoples, with analysis of social issues arising from Hispanic involvement in American societal substitutions, i.e. education, politics, family, etc. Prerequisites: SO-121 OR UR-151 OR LS-101.

**SO-352. Minority Group Relations. 3 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. Prerequisites: SO-121 OR UR-151.

**SO-353. Sociology of the Black Family. 3 Credits.**

The black family in historical and contemporary perspectives. Prerequisites: SO-121 OR UR-151.

**SO-360. Intercultural Relations. 3 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 OR SO-384.

**SO-362. China: People, Culture and Society. 3 Credits.**

This course will examine both contemporary China and its history. Included will be an exploration of the many diverse cultures within the society. Prerequisites: SO-121 OR SO-384.



**SO-368. Health and Inequalities: Race, Class and Gender. 3 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.

**SO-369. From Famine to Feast: The Irish in America. 3 Credits.**

Fighters, drinkers, storytellers and entertainers as well as to a teachers, maids, and activists, we will measure the Irish through readings, discussions, films, field trips and research projects. Prerequisites: SO-121 OR PO-100 OR UR-151.

**SO-370. Urban Anthropology. 3 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.

**SO-371. Ancient Skywatchers of North America. 3 Credits.**

Study of some of the principal North American native cultures and how their lives relates to the land and the cosmos. Includes local field trip and a nine-day trip to Southwestern United States.

**SO-375. Contemporary China: Culture, Politics and Environment. 3 Credits.**

Students will examine the growth of China in the 21st Century. The course will explore the sometimes differing demands of ethnic groups and economic growth and how all effect the environment. Prerequisites: SO-121.

**SO-384. Cultural Anthropology. 3 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 PL-100 OR PL-101 OR TH-110 OR TH-120.

**SO-385. People and Culture of North America: Native Americans. 3 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 Prerequisites: SO-121 SO-284.

**SO-389. Latina Research in Action. 3 Credits.**

Students will learn about the theoretical underpinnings of participatory action research and will engage in existing or new participatory projects in education with Latina communities.

**SO-399. Tutorial. 1 Credit.****SO-410. Managing Cross-Cultural Training Skills. 3 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.

**SO-412. Ethnicity and Race in Urban History. 3 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.

**SO-448. Statistics in the Social Sciences. 3 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 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.

**SO-451. Sociology Issues: Public Policy. 3 Credits.****SO-454. Black Films. 3 Credits.**

A survey of 20th century film making by and about African-Americans. Prerequisites: CM-115 CM-116 CM-117 CM-119 CM-120 OR HP-122.

**SO-465. Vietnam and the U.S.. 3 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-470. Medical Sociology. 3 Credits.**

The definition and distribution of disease and sickness the organization and delivery -of health care the conflicts and politics of health. Prerequisites: SO-121 UR-151.

**SO-472. Sociology of the Professions. 3 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-479. Science, Technology and Society. 3 Credits.**

An interdisciplinary values course that examines from the perspectives of natural science, philosophy and political science, how technology evolves in society, the impact of technology on our lives, and the critical decisions that technology requires.

**SO-489. Globalization and Fieldwork Seminar. 3 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. Prerequisites: SO-121 OR UR-151 OR PO-100.

**SO-492. Urban Internship. 3 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.

**SO-493. Advanced Urban Internship. 3 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.

**SO-495. Internship in International Settings. 3 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.

**SO-496. Senior Seminar in Sociology. 3 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.

**SO-498. Special Projects in Sociology I. 3 Credits.**

Tutorial courses and reading courses in special areas of sociology. May be taken for one or two terms.

**SO-499. Special Projects in Sociology II. 3 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 Credits.**

An introduction to the basic grammar and vocabulary of spoken and written Spanish.

**SP-114. Elementary Spanish II. 3 Credits.**

Continued practice in the grammar and vocabulary of spoken and written Spanish. Prerequisites: SP-113.

**SP-117. Spanish for Health Care Professions I. 3 Credits.**

Grammar and vocabulary taught through dialogues and situations related to the healthcare professions.

**SP-118. Spanish for Health Care Professions II. 3 Credits.**

Further practice in grammar and vocabulary related to the healthcare professions. Prerequisites: SP-117.

**SP-119. Spanish for Business and Finance I. 3 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 and Finance II. 3 Credits.**

Further study of Spanish grammar, pronunciation, writing, and vocabulary with an emphasis on business and financial usage. Prerequisites: SP-119.

**SP-127. Intensive Spanish I. 6 Credits.**

Intensive practice at the elementary level in the four basic skills of understanding, speaking, reading, and writing Spanish. Fulfills core language requirement.

**SP-130. Language, Literature and Hispanic Heritage I. 3 Credits.**

Comprehensive review of spoken and written Spanish, as Hispanic students explore their heritage through study and discussion, in Spanish, of issues of concern to their community, as expressed in literature, film and popular media.

**SP-131. Language, Literature and Hispanic Heritage II. 3 Credits.**

Comprehensive review of spoken and written Spanish, as Hispanic students explore their heritage through study and discussion, in Spanish, of issues of concern to their community, as expressed in literature, film and popular media.

Prerequisites: SP-130.

**SP-133. Intermediate Spanish I. 3 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.

**SP-134. Intermediate Spanish II. 3 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.

**SP-135. Intermediate Spanish for Native Speakers I. 3 Credits.**

Provides instruction and practice in the elements of grammar, syntax, spelling, and formal knowledge and use of the language.

**SP-136. Intermediate Spanish for Native Speakers II. 3 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.

**SP-180. Hispanic New York: Language and Culture. 3 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 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-114 OR 1-2 YEARS HIGH SCHOOL SPANISH.

**SP-196. Spanish: Social Services II. 3 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.

**SP-198. Introduction to Hispanic Literature I. 3 Credits.**

A basic introduction to the principal literary genres through readings in Spanish. Prerequisites: SP-114 OR 3-4 YEARS HIGH SCHOOL SPANISH OR INSTRUCTOR APPROVAL.

**SP-199. Introduction to Hispanic Literature II. 3 Credits.**

A continued introduction to the principal literary genres through readings in Spanish. Prerequisites: SP-198.

**SP-243. Survey: Literature of Spain I. 3 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 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.

**SP-245. Hispanic-American Literature I. 3 Credits.**

Development of Hispanic-American literature from its origins through the 18th century. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-246. Hispanic-American Literature II. 3 Credits.**

Development of Hispanic-American literature from the 19th century to the present. Prerequisites: SP-245 OR INSTRUCTOR APPROVAL.

**SP-248. Spanish Cultural History in Film. 3 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 Credits.**

A study, through readings and video, of the history, culture, and societal aspects of the Spanish-speaking countries of Latin America. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-250. Spanish Conversation I. 3 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 SP134 OR 1-2 YEARS H. S. SPANISH.

**SP-251. Spanish Conversation II. 3 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.

**SP-260. Practical Writing. 3 Credits.**

Practice in written expression in Spanish for everyday functioning in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-261. Spanish Composition. 3 Credits.**

Elements of basic written expression in Spanish. Grammar, syntax, and basic stylistics. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-290. Advanced Grammar and Composition. 3 Credits.**

An in-depth study of the finer points of Spanish grammar and their application in stylistics. Prerequisites: SP-134 SP-136 SP-199 OR 3-4 YEARS H.S. SPANISH.

**SP-292. Translation. 3 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.

**SP-293. Business Spanish. 3 Credits.****SP-294. Business Writing in Spanish. 3 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 Credits.**

Development of Medieval Spanish literature from the jarchas to La Celestina. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-301. Literature: Siglos de Oro of Spain. 3 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.

**SP-305. Spanish Novel Into Film. 3 Credits.**

Consideration of the social, cultural, and historical condition of twentieth century Spain through several of its prominent novels, and their cinematic adaptation. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-310. Spanish Novel of the 19th Century. 3 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-312. The Generation of 1898. 3 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 Credits.**

Survey of the development of Spanish drama from its origins through the twentieth century. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-320. Marco Polo and the Silk Road. 3 Credits.**

Exploration, through literature, art, film, and music, of Marco Polo's adventures along the Silk Road as he winds his way through Asia.

**SP-352. Short Story: Spain and Hispanic-America. 3 Credits.**

A study and analysis of nineteenth and twentieth century masterpieces of peninsular short narrative. Taught in Spanish. Prerequisites: SP-134 SP-136 SP-199 OR 3-4 YEARS H.S. SPANISH.

**SP-353. 20th Century Literature: Seminar in the "Isms". 3 Credits.**

The period of the Avant-garde, Magic Realism, and the development of Hispanic-American literature from 1905-1940. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-354. The Art of Rhetoric. 3 Credits.**

Practice in public speaking in Spanish, enhanced through careful analysis of the theory and masterpieces of the rhetorical art in the Hispanic tradition. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-355. Seminar: Literature of the Boom I. 3 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.

**SP-356. Novel of the Cuban Revolution. 3 Credits.**

Study of representative novelists of the Cuban revolution, including Sarduy, Pinera, and Arenas. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-357. Literature and Politics : Hispanic-America. 3 Credits.**

Analysis of the expression of political ideologies in Hispanic America in and through literature of various genres, Nation-building and statecraft. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-358. Sex and Gender: Hispanic Literature. 3 Credits.**

Examination of treatment in Hispanic literatures of sex and gender as key determiners of identity. Readings from Spain, Hispanic America, and U. S. Latino authors. Prerequisites: SP-134 OR SP-136 OR INSTRUCTORS APPROVAL.

**SP-359. Seminar: Literature of the Boom II. 3 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.

**SP-361. History and Culture of the Philippines. 3 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.

**SP-366. Mapping Asian and Latino Bodies. 3 Credits.**

Creating "maps" of Asian and Latino Bodies in the cultural spaces of film, art, literature, and photography.

**SP-370. Picaresque Literature. 3 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-376. Spanish Drama of the 20th Century. 3 Credits.**

Analysis of the conventions of drama and the reader's role in interpretation, as applied to the works of Lorca, Valle-Inclan, and others. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-378. Spanish Drama. 3 Credits.**

SP-134 OR SP-136 OR INSTRUCTOR APPROVAL;.

**SP-379. Twentieth-Century Poetry. 3 Credits.**

A wide range of Spanish poets, from the beginning of the 20th century to the present, will reflect changing literary movements in Spain, before and after the Civil War. Taught in Spanish. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-380. The 20th Century Spanish Novel. 3 Credits.**

Discussion of the socio-political and aesthetic context of the production of 20th-century Spanish novels of authors such as Cela, Delibes, and others. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-390. Spanish for Business. 3 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 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-392. Caribbean Literature. 3 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.

**SP-399. Tutorial. 3 Credits.**

Topics: To Be Determined by Chairperson and Instructor.

**SP-400. Spanish Literature of the Philippines. 3 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 INSTRUCTOR APPROVAL.

**SP-482. The Poema de Mio Cid. 3 Credits.**

Detailed analysis of the Poema and study of its socio-cultural, political, and aesthetic contexts, as well as of its contributions to world literature. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-490. Seminar: Don Quijote. 3 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.

**SP-492. Josi Marti and Modernismo. 3 Credits.**

Critical reading of the works of Marti and the Modernistas with particular attention given to the movement's aesthetic innovations. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-494. Seminar: Medieval Prose. 3 Credits.**

Survey of the origins and development of Spanish Medieval prose works in their socio-political, cultural, and aesthetic contexts. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-495. Libro de Buen Amor and La Celestina. 3 Credits.**

In-depth analysis of the literary artistry of the Libro de buen amor and La Celestina, with discussion of cultural world in which they were produced. Prerequisites: SP-134 OR SP-136 OR INSTRUCTOR APPROVAL.

**SP-496. Survey of U.S. Latino Literature I. 3 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.

**TG Courses****TG-113. Elementary Tagalog I. 3 Credits.**

An introduction to Tagalog through intensive practice in the basic skills of listening, speaking, and writing, with additional discussion of Philippine history, culture, and civilization.

**TG-114. Elementary Tagalog II. 3 Credits.**

An introduction to Tagalog through intensive practice in the basic skills of listening, speaking, reading, and writing, with additional discussion of Philippine history, culture, and civilization. Prerequisites: TG-113.



## TH Courses

### **TH-110. Religious Faith in the Modern World. 3 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.

### **TH-120. Intro to the Study of Christianity. 3 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.

Prerequisites: TH-110 OR TH-121.

### **TH-121. Space, Place and the City (Metropolitan Seminar). 3 Credits.**

Field trips to various sites of devotion and worship in metropolitan New York, supplemented by readings and discussion, will address issues of holiness and how a community's sacred space relates to its sense of holiness. Our analysis will result in a substantial term project and synthetic discussion about the impact of religious space/place on political, intercultural, and inter-religious relations. \*Honors Students only.

### **TH-122. Pilgrimage in the City. 3 Credits.**

New York City and metropolitan area are examined in light of places related to pilgrimage, as a source of insight into the religious dynamics of the drive to make pilgrimages, particularly in Christianity. \*Honors students only.

Prerequisites: TH-110 OR TH-121.

### **TH-300. Methods and Sources of Theology. 3 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-121 AND TH-120 OR TH-122.

### **TH-301. Modern Christian Community: The Church. 3 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: TH-110 OR TH-121 AND TH-120 OR TH-122.

### **TH-305. The Orthodox Church. 3 Credits.**

This course is a study of the Eastern Orthodox Church, with special attention devoted to teachings and traditions that are unique to Orthodox Christianity in its historical and doctrinal developments, anthropological theology, Trinitarian theology, worship, sacraments, mystical tradition, moral teachings, and veneration of icons. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

### **TH-310. The Theology of Grace. 3 Credits.**

The Christian understanding of God's saving activity as gratuitous, transforming and empowering. Also known as anthropological theology. The insights of formative thinkers of past and present. Applications to issues facing the Christian today. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

### **TH-320. Survey of the Old Testament. 3 Credits.**

A survey of the Old Testament literature with attention to its literary forms, its history, and its religious message.

Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

### **TH-330. Survey of the New Testament. 3 Credits.**

Reading of the New Testament literature with attention to histo-critical methods of scriptural interpretation, literary forms, historical development, and theological content. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

### **TH-331. The Other Gospels. 3 Credits.**

A study of the ancient gospels that were not included in the New Testament, using theological comparisons, analysis of their literary genres and social contexts to discover who valued them, who did not, and why.

### **TH-350. Who Is Jesus Christ?. 3 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: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-399. Tutorial. 3 Credits.****TH-405. Theology and Classic American Films. 3 Credits.**

This course analyzes classic American films for their religious themes, values, and symbolism. Study of film's capacity to depict universal truths of human experience and how they relate to spirituality, morality, and to explicitly Judeo-Christian themes such as guilt, evil, redemption, liberation, meaningful suffering, self-sacrifice, virtue and vice, and transforming love. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-415. Paul's Gospel for the Nations. 3 Credits.**

A study of Paul's letters, focusing on his ecclesiology, evangelization, eschatology, ministry, community, and justification by faith. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-416. Christian Challenges of Luke and Acts. 3 Credits.**

Study of the Third Gospel and Acts of the Apostles as these synthesize the Jesus experience and show its relevance for Christian discipleship. Emphasis on how Luke integrates themes like compassion, universal outreach, and the proper use of material possessions for people called to live in a diverse and ongoing world. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-430. Jerusalem: King David to Caliph 'Umar. 3 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-121 AND TH-120 OR TH-122.

**TH-431. Med Jerusalem: Jews Christians Muslims. 3 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: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-436. The Christian Sacraments. 3 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: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-443. Black Theology. 3 Credits.**

The study of the origins and influence of the major religious traditions found in the American black community. May be used as a substitute for TH120. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-444. Religious Story of the American People. 3 Credits.**

A survey of the religious history of the United States, including Native American religion, mainline Christian and Jewish communities, utopian and other popular religious movements. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-453. The Zen Spirit. 3 Credits.**

Chinese and Japanese Buddhist Scriptures. Application of Zen to modern American life. Integration of Zen and Christianity. The practice of zazen. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-470. Towards a Christian Theology of Personalism. 3 Credits.**

A history and analysis of the development of the concept of person and Christian Personalism as seen in Revelation, classical and modern theologians, and the encounter of Theology with Philosophy. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-473. Religion and Psychology. 3 Credits.**

The impact of modern psychological theories on religion and religious belief. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-477. Christian Spirituality. 3 Credits.**

A study of the varieties of mystical experiences and methods of prayer/meditation that exist in the Christian Traditions. Great spiritual writers of the past will be read in translation and discussed. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-481. A Theology of Human Sexuality. 3 Credits.**

Human sexuality as seen in the light of Biblical teaching a historical survey of sexual attitudes, documents of contemporary faith communities, contributions of the behavioral sciences and recent theological reflection, including a case-study approach to moral dilemmas. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.



**TH-482. Christian Morality Today. 3 Credits.**

A systematic study of the principles and issues of individual and social morality from the viewpoint of faith and reason. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-484. Christian Medical Ethics. 3 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: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-486. Morality in the Marketplace. 3 Credits.**

An attempt to apply Judaeo-Christian principles to the decision-making process in business, given the economic realities of the market place. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-487. Theology of Social and Racial Justice. 3 Credits.**

Study of major contemporary Christian documents, particularly regarding economics and poverty, administration of criminal justice, cause and responses to racism. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-489. International Travel Course. 3 Credits.**

TH-110 OR TH-121 AND TH-120 OR TH-122;.

**TH-495. Theology Capstone. 3 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-121 AND TH-120 OR TH-122 AND TH-350.

**TH-496. Theology and Urban Problems. 3 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: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-497. St. Augustine and The Confessions. 3 Credits.**

Background, sources, reading and interpretation of this classic work in the context of Augustine's culture and theology. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-498. Seminar on Death and Dying. 3 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: TH-110 OR TH-121 AND TH-120 OR TH-122.

**TH-499. Theology and Contemporary Public Issues. 3 Credits.**

Deals with the theological implications of various contemporary environmental and ecological issues: nuclear energy, pollution, nutrition, world hunger, genetics. Prerequisites: TH-110 OR TH-121 AND TH-120 OR TH-122.

**UR Courses****UR-125. Introduction to Social Work. 3 Credits.**

Provides students with an introduction to the field of social work. Examines the range of opportunities in this career.

**UR-126. Introduction to Public Policy and Social Action. 3 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-134. Introduction to Sustainability. 3 Credits.**

Students will broaden their awareness of the beauty and pain of the natural world, including human community. Emphasis will be placed on the "greening" movement.

**UR-137. Introduction to Nonviolence. 3 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 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-152. Methods of Urban Communication. 3 Credits.**

A workshop in communication skills especially geared to the needs of social service and public sector workers.

**UR-201. Contemporary Social Ideas. 3 Credits.**

Social ecology: the study of human as well as natural ecosystems in their interrelationships an examination of the problems of pollution, food and hunger, nuclear power, alternative technologies such as wind and solar, and the environmental crisis. Prerequisites: UR-151.

**UR-202. Urban Music: Jazz to Hip-Hop. 3 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.

**UR-219. Exploring Urban Experience Through Film. 3 Credits.**

This course uses masterpieces of cinema to explore the city and urban culture. Topics will include the economy, race, culture, gender, immigration, gentrification and crime. Prerequisites: SO-121 OR UR-151.

**UR-220. Urban Architecture and Design. 3 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.

**UR-221. Surveillance in the Cybercity. 3 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.

**UR-223. Latin America Today: People, Culture and Issues. 3 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. Prerequisites: SO-121 OR UR-151.

**UR-224. Black Hair and Identity in America. 3 Credits.**

This course will examine the social, cultural and political significance of black hair in America. It will explore hair's profound impact on identity. Black hair is embedded in notions of race, ethnicity, gender and class. Prerequisites: SO-121 OR UR-151.

**UR-228. Demographic Trends and Urban Change. 3 Credits.**

An analysis of the changing populations in urban communities, the course examines both immigration and migration as well as how different areas of the city are constantly evolving. Prerequisites: SO-121 OR UR-151.

**UR-235. Harlem Renaissance. 3 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.

**UR-236. Families in Urban Settings. 3 Credits.**

An examination of the impact of urban society on families. How urbanization changed the composition and functions of the family will be the central questions explored. Prerequisites: SO-121 OR UR-151.

**UR-237. Urban Economic Problems. 3 Credits.****UR-273. Global Feminisms. 3 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-300. Wealth, Power and Prestige: Social Stratification. 3 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-305. Global Cities, Theory and Practice. 3 Credits.**

Globalization trends have increasingly influenced the way cities operate. Taking lived experiences, subjugated voices, and spaces of resistance in the NY/NJ/Jersey City area as focal points, this urban studies course examines political, social and cultural productions and practices of competing interests that seek to claim a right to the global city. Prerequisites: SO-121 OR UR-151.

**UR-307. Roots of Urban Politics. 3 Credits.**

An examination of the historic development of political forms and organizational structures in cities including machine, reform, ethnic, and class politics. Prerequisites: SO-121 OR UR-151.

**UR-308. Analysis of Urban Social Class. 3 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 the Changing Urban World. 3 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 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-311. Strategies for Urban Change. 3 Credits.**

Focuses on two levels of strategies directed at social and economic change in American cities: government strategies and strategies employed by urban groups seeking change. Prerequisites: SO-121 OR UR-151.

**UR-312. Media and Urban Environment. 3 Credits.**

Effect of mass media on the urban environment. Emphasis on television, film, radio, and journalism. Impact of new electronic media including computers. Prerequisites: SO-121 OR UR-151.

**UR-313. Business and the City. 3 Credits.**

A review of the relationship between urban development and growth and American business, with particular attention to the historic and present day impact of business involvement in cities. Prerequisites: SO-121 OR UR-151.

**UR-315. Computers for Public Policy. 3 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-320. Urban Legal Issues. 3 Credits.**

Study of housing, crime, welfare, education, etc., as issues pertinent to modern urban living the role of the legal system in designing, directing and maintaining the present conditions of these urban services and institutions. Prerequisites: SO-121 OR UR-151.

**UR-324. Poverty and Inequality. 3 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-325. Violence and Social Change. 3 Credits.**

This course will examine the role that violence and social change has played in human affairs over the past century. It will look at this process as a meditation on struggling humanity, through a series of case studies and theories of social change, focused primarily on the United States. It will include a critical look at human prospects in the twenty-first century. Prerequisites: UR-151 OR SO-121.

**UR-326. Community Organization. 3 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 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 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-330. Urban Neighborhoods. 3 Credits.**

An examination of the ecology of neighborhoods: the neighborhood as a social and political unit urban planning and the neighborhood movement community organization. Prerequisites: SO-121 OR UR-151.

**UR-331. Issues and Forces That Shape Urban Areas. 3 Credits.**

An historical examination of the economic, social, and demographic forces which have shaped American cities, with emphasis on older, industrial cities. Prerequisites: UR-151.

**UR-332. Contemporary Urban Cultures. 3 Credits.**

A study of the subcultures of the city, utilizing techniques of urban anthropology. The economic and political orientations of black, Hispanic, white ethnic, and youth cultures. Prerequisites: SO-121 OR UR-151.

**UR-333. Black Community and the Law. 3 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. Prerequisites: SO-121, AS-177 OR UR-151.

**UR-334. Foodscapes: Urban Encounters. 3 Credits.**

This course seeks to question the "ordinary" places of food in urban environments and global society. How we mark the spaces of food production, consumption, gastronomy, and disposal in urban settings are the control questions of the class. Prerequisites: SO-121 OR UR-151.

**UR-351. Issues in the Latino Community. 3 Credits.**

The Socio-economic and political origins of the various Hispanic peoples, with analysis of Social issue arising from Hispanic involvement in American Societal institutions, i.e. education, politics, family, etc. Prerequisites: SO-121 OR UR-151 AND LS-101.

**UR-352. Minority Relations. 3 Credits.**

The course focuses on how minority groups relate to each other as well as those above and below them in cultural stratification. Prerequisites: SO-121 OR UR-151.

**UR-353. Black Family. 3 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 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.

**UR-399. Tutorial. 3 Credits.****UR-409. Young People, Planning and the City. 3 Credits.**

In this course we will examine an array of social, cultural, environmental, political and economic issues that shape urban communities and impact children/young peoples's lives. We will develop a community-focused research project to investigate and devise creative solutions with the goal that addresses the needs of Jersey City's children and young people. Prerequisites: UR-151 OR SO-121.

**UR-410. Managing Cross-Cultural Training Skills. 3 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 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.

**UR-428. The Literature, Culture and Social Issues: West Africa. 3 Credits.**

A study of seminal texts representing the Malinke, Igbo, Chanaian, Wolog, Bambara, and Senegalese peoples of West Africa. Prerequisites: SO-121 OR UR-151.

**UR-450. Research Technology: Social Sciences. 3 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.

**UR-451. Social Issues in Public Policy I. 3 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. Social Issues in Public Policy II. 3 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.

**UR-460. The U.S. Civil Rights Movement. 3 Credits.**

Analysis of the origins, processes, and outcomes of the twentieth century black American Civil Rights struggle. Prerequisites: SO-121 OR UR-151.

**UR-465. Vietnam and the U.S.. 3 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 Field Work Seminar. 3 Credits.****UR-490. Urban Field Work. 3 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.

**UR-491. Advanced Urban Field Work. 3 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.

**UR-492. Urban Internship. 3 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.

**UR-493. Advanced Urban Internship. 3 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.

**UR-494. Senior Seminar in Sociology and Urban Studies. 3 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 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.

**UR-498. Special Topics. 3 Credits.****UR-499. Theological and Contemporary Public Issues. 3 Credits.**

Deals with the theological implications of various contemporary environmental and ecological issues: nuclear energy, pollution, nutrition, world hunger, genetics.

**WS Courses****WS-136. Introduction to Lesbian, Gay, Bisexual and Transgendered Studies. 3 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.



**WS-140. Introduction to Women's Studies. 3 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.

**WS-216. Gender, Sexuality and Religion. 3 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.

**WS-223. Latin America Today: People, Culture and Issues. 3 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.

**WS-227. Sociology of Salsa. 3 Credits.**

This course combines dance lessons with sociological exploration of New York/New Jersey's salsa scene. Lessons are complemented by discussions on the origins of the music as it relates to Latin American and Caribbean history and Latino migration to the northeast.

**WS-253. Social Deviance. 3 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.

**WS-256. Sociology of Sports. 3 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: SO-121.

**WS-273. Global Feminisms. 3 Credits.**

This interdisciplinary course explores global issues and debates regarding significant issues affecting women's lives and opportunities for equality. Prerequisites: WS-140.

**WS-285. Gender and Communication. 3 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.

**WS-307. Women in the Middle Ages and Renaissance. 3 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. Prerequisites: HS-121 HS-122.

**WS-310. Feminist Political Theory. 3 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.

**WS-311. Philosophy and Bob Dylan. 3 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: PL-100 PL-101 OR TH-110 TH-120.

**WS-326. The Anthropology of Gender. 3 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.

**WS-340. Feminist Philosophy. 3 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: PL-100 PL-101.

**WS-345. Sociology of Intimacy. 3 Credits.**

This course is an interdisciplinary examination of intimate social relations: sexual, familial and friendship. It explores the role played by intimate relationships in the development of human societies, the cultural construction of sexual scripts, coupling and marriage practices and kinship systems. Prerequisites: SO-121 OR UR-151.

**WS-350. Human Sexuality in Health Education. 3 Credits.**

An overview of human sexuality and behavior with special emphasis on health education.

**WS-366. Mapping Asian and Latino Bodies. 3 Credits.**

Creating "maps" of Asian and Latino Bodies in the cultural spaces of film, art, literature, and photography.

**WS-368. Health and Inequalities: Race, Class and Gender. 3 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.

**WS-384. Cultural Anthropology. 3 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 PL-100 OR PL-101 OR TH-110 OR TH-120.

**WS-399. Special Topics. 3 Credits.****WS-425. Women in Art. 3 Credits.**

This course is a gender-oriented investigation of women as visual artists from the Medieval period through the 20th Century. The female image is explored from prehistoric fertility symbol to 20th century Pop celebrity icon.

**WS-428. The Literature, Culture and Social Issues: West Africa. 3 Credits.**

A study of seminal texts representing the Malinke, Igbo, Ghanaian, Wolof, Bambara, and Senegalese peoples of West Africa.

**WS-453. Women in American History. 3 Credits.**

This course will cover the history of American women from the colonies to second-wave feminism of the 1960s and 1970s and beyond. Prerequisites: HS-231 HS-232.

**WS-486. Seminar: Genocide. 3 Credits.**

After a thorough conceptualization of genocide, the course will examine case studies of modern genocide, ranging from the 20th and 21st centuries.

**WS-490. Urban Field Work. 3 Credits.**

Introductory level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

**WS-491. Advanced Urban Field Work. 3 Credits.**

Advanced level of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

**WS-492. Urban Internship. 3 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

**WS-493. Advanced Urban Internship. 3 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience. Seminars held and an evaluation paper required.

**WS-495. Internship in International Settings. 3 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.

**WS-498. Seminar: Political Poetry and Music. 3 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.

# Directories

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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**

### **Accountancy and Business Law**

\*Kathleen Brough (1981) Associate Professor; A.B., M.B.A., Rutgers University; Certified Public Accountant.

Lori A. Buza (2000) Chairperson, Assistant Professor of Business Law; B.A., Rutgers University; J.D., Rutgers University; Licensed Attorney at Law.

\*Robert F. Koch (1971) Associate Professor; B.S., Rider University; M.B.A., Fairleigh Dickinson University; Certified Public Accountant.

\*Kevin A. Leeds (1981) Professor; B.B.A., Saint Bonaventure University; M.B.A., Fairleigh Dickinson University; Certified Public Accountant.

\*Andrew D. Pogogeff (1978) Associate Professor; B.S., M.B.A., Fairleigh Dickinson University; Certified Public Accountant.

\*Allen F. V. Zagier (1979) Professor; B.S., New Jersey Institute of Technology; M.S., Columbia University; M.S., New York University; M.B.A., George Washington University; Certified Public Accountant.

## **Applied Science and Technology (Biological Chemistry, Biotechnology and Physics)**

Maria A. Agapito (2015) Assistant Professor; B.S., M.S., Montclair State University; Ph.D., Rutgers - The State University of New Jersey.

William Gutsch (2009) Distinguished Professor CAS/SBA; B.S., Saint Peter's College; M.S., Ph.D, University of Virginia.

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) Assistant Professor; B.E., Tianjin University; M.E., Changchun University of Science and Technology; Ph.D., Stevens Institute of Technology.

WeiDong Zhu (2007) Chairperson, Assistant Professor; B.S., M.S., Soochow University; Ph.D., Stevens Institute of Technology.

## **Biology**

Jill Callahan (2011) Assistant Professor; B.A., Saint Anselm College; M.A., Bridgewater State College; Ph. D., Virginia Commonwealth University.

\*Michael E. Held (1981) Chairperson, Professor; A.B., Thomas More College; M.S., Western Kentucky University; Ph.D., Ohio University.

Christina Mortellaro (2008) Instructor; B.S, M.S., Fairleigh Dickinson University.

\*Frances S. Raleigh (1988) Professor; B.S., Marietta College; M.S., Ph.D., SUNY College of Environmental Science and Forestry.

Laura H. Twersky (1996) Professor; B.A., Barnard College; M.S., Ph.D., New York University.

Jeanette Wilmanski (2007) Assistant 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.

Raymond T. Butkus (2014) Lecturer; B.S., Providence College; M.B.A., University of Puget Sound; Graduate of Harvard Advanced Management Program at Harvard School of Business.

La Quita Denese Frederick (2016) Instructor, Director of Sports Management; B.A., North Carolina State University; M.A., Ohio State University; Ed.D., North Carolina State University.

Chanaz Gargouri (2012) Lecturer; B.S., University of Tunis III; M.B.A., Saint Peter's University.

Joseph W. Gilkey, Jr. (2014) Assistant Professor; B.B.A., Dowling College; M.B.A., Indiana University.

John J. Hampton (2005) Professor of Business; A.B., Stetson University; M.B.A., D.B.A., George Washington University.

Marilu Marcillo-Gomez (2014) Assistant Professor; B.S., Alfred University; M.B.A., Century College; D.M., Colorado Technical University.

Mary McDonough (2016) Assistant Professor; B.S., Ramapo College; M.A., Upsala College; Ph.D., University of Nebraska.

Mary Kate Naatus (2010) Chairperson, Assistant Professor; B.A., College of New Jersey; M.B.A., New Jersey Institute of Technology; Ph.D., Rutgers University.

## **Chemistry**

Yosra Badiel (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.

Daniel Bennett Fried (2016) Assistant Professor; B.S., Binghamton University; Ph.D., Yale University.

\*Patricia Ann Redden (1968) Professor; B.S., Cabrini College; Ph.D., Fordham University.

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## **Communication and Media Culture**

Ernabel Demillo (2008) Lecturer; B.A., University of Southern California; M.S., Northwestern University.

Barna Donovan (2002) Associate Professor; B.A., Loyola University of Chicago; M.A., University of Miami; Ph.D., Rutgers University.

\*Fatima Shaik (1991) Assistant Professor; B.S., Boston University; M.A., New York University.

Cynthia W. Walker (2005) Chairperson, Associate Professor; B.A., Douglass College; M.A., New School University; Ph.D., Rutgers University.

## **Computer and Information Sciences**

Robert Finn (2016) Assistant Professor; Ph.D., University of Florida.

Sylvain Jaume (2014) Director of Data Science Program; M.S., Ph.D., Universite Catholique de Louvain

Alberto I. LaCava (2016) Professor; D.I.C., M.S., Ph.D., Imperial College of Science, Technology and Medicine (The University of London).

\*Marcia Mitchell (1996) Assistant Professor; B.A., M.A., Saint Peter's College; M.S., Fairleigh Dickinson University; Ph.D., Stevens Institute of Technology.

Edward J. Moskal (2003) Chairperson, Director of Cyber Security Program, Assistant Professor; B.S., Saint Peter's College; M.S., University of Notre Dame; M.M.S., Stevens Institute of Technology.

## **Criminal Justice**

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Kari E. Larsen (2004) Chairperson, Associate Professor; B.A., Saint Peter's College; J.D., Fordham Law School; LI.M., Seton Hall University School of Law.

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## Economics and Finance

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## Education

Jennifer Ayala (2004) Associate Professor; B.A., Montclair State University; M.Phil., City University of New York; Ph.D., City University of New York Graduate Center.

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\*James P. Jacobson (1967) Associate Professor; B.A., M.A., Jersey City State College; M.A., Saint Peter's College.

Nicole Luongo (2007) Assistant Professor; B.S., Bucknell University; M.A.E., Seton Hall University; Ed.D., Nova Southeastern University.

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## English

Sherlyn Abdo (1996) Lecturer; B.A., Hunter College; M.A., Columbia University; M.Phil., New York University.

Gillian R. Adler (2016) Visiting Professor; B.A., Barnard College; M.A., University of York, UK.

Paul Almonte (2007) Chairperson, Associate Professor; B.A., State University of New York at Binghamton; M.A., Ohio State University; Ph.D., New York University.

Stephen Ciciirelli (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.

Deborah Hairston (2012) Lecturer; B.S. Northwestern University; Master of Public Administration, New York University.

\*William G. Luhr (1976) Professor; B.A., Fordham University; M.A., Ph.D., New York University.

\*Robert E. McCarty, S.J. (1976) Associate Professor; A.B., M.A., Fordham University; Ph.L., Woodstock University; Ph.D., Syracuse University.

\*Kathleen N. Monahan (1987) Professor; B.A., Saint Peter's College, M.A., University of Massachusetts; Ph.D., New York University.

\*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) Assistant Professor; B.A., M.A., Sonoma State University; Ph.D., University of Louisiana at Lafayette.

Rachel Wifall (2004) Associate Professor, Director of Honors Program; B.A., M.A., St. John's University; Ph.D., New York University.

## Fine 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.

Beatrice Mady (1998) Professor; B.F.A., University of Dayton; M.F.A., Pratt Institute.

\*Oscar G. Magnan, S.J. (1975) Professor, Director of the Art Gallery; M.F.A., San Alejandro Art School (Havana); M.A., Oxford University (England); M.A., Saint Mary's Univeristy (Halifax); Ph.D., Sorbonne University.

## History

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, Assistant 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.

Timothy Nicholson (2015) Assistant Professor; B.A., State University of New York at Geneseo; M.A., King's College, Ph.D., Stony Brook University.

\*Eugenia M. Palmegiano (1966) Professor Emerita; A.B., Georgian Court University; M.A., Ph.D., J.D., Rutgers University.

Sheila J. Rabin (1992) Professor; B.A., State University of New York at Stony Brook; A.M., Michigan University; Ph.D., City University of New York The Graduate School.

## Mathematics

Rebecca Conley (2016) Assistant Professor; B.A., Pace University; M.A., Hunter College; Ph.D., Stony Brook University.

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) Assistant Professor; B.A., Rutgers University; M.S., Ph.D., New Jersey Institute of Technology.

Dawn Nelson (2014) Assistant Professor; B.A., Williams College; Ph.D., Brandeis University.

Michele Picarelli (2001) Assistant Professor; B.S., Saint Peter's College; M.S., Ph.D., New Jersey Institute of Technology.

\*Eileen L. Poiani (1967) Professor, Special Assistant to the President; B.A., Douglass University; M.S., Ph.D., Rutgers University.

\*Gerard P. Protomastro (1976) Professor; B.A., Montclair State University, M.A., Massachusetts, Ph.D., Clemson University.

Katherine M. Safford-Ramus (1996) Professor; B.S., Chestnut Hill College; M.A., Jersey City State College; Ed.D., Rutgers University.

Matthew Sequin (2015) Assistant Professor; B.A, Boston College; Ph.D., Ohio State University.

## Modern & Classical Languages & Literatures

Mark DeStephano, S.J. (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

Patricia Ahearn (2011) Clinical Assistant Professor, Director of the R.N.-B.S.N. Program; B.S.N., M.S.N. Saint Peter's University.

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) Clinical 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) Assistant 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.

Jamila Jones (2015) Assistant Professor; B.S.N., M.S.N., D.N.P., Saint Peter's University.

Margaret Macali (2011) Adjunct Professor; B.S.N., Dominican College; M.S., Rutgers, The State University of New Jersey. C.N.S. Board Certified.

Kathleen Motacki (2009) Clinical Professor; B.S.N., M.S.N., Kean University; B.S., Board Certified.

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) Clinical 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.

William G. Evans (2001) Associate Professor; B.A., M.A., University of California; Ph.D., Stanford University.

Daniel W. Murphy (2007) Associate Professor; B.A., Georgetown University; M.A., Ph.D., The Catholic University of Louvain.

\*Lisa A. O'Neill (1993), Chairperson, Professor; B.A., St. Joseph's University; M.A., Ph.D., Temple University.

## Physics

Debing Zeng (2012) Assistant Professor; B.E., Tianjin University; M.E., Changchun University of Science and Technology; Ph.D., Stevens Institute of Technology.

WeiDong Zhu (2007) Assistant Professor; B.S., M.S., Soochow University; Ph.D., Stevens Institute of Technology.

## 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.



\*Eugene J. Cornacchia (1981) Professor, University President; B.A., M.A., Ph.D., Fordham University.

Philip Plotch (2014) Assistant Professor, Director of MPA Program; B.S., State University of New York at Albany; M.S., Hunter College; Ph.D., New School University.

Alain L. Sanders (2001) Associate Professor; A.B., Woodrow Wilson School of Public and International Affairs, Princeton University; J.D., Columbia University School of Law.

## **Psychology**

\*Andrea Bubka (1990) Professor; B.A., Oakland University; M.A., Central Michigan University; Ph.D., Adelphi University.

Joshua Feinberg (2003) Associate Professor; 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.

\*Leonor Lega (1978) Professor; Consejeria Psicologica (Counseling Psychologist); Universidad Del Valle (Colombia); Ph.D., Temple University.

Daniel C. Wisneski (2014) Assistant Professor; B.A., Ohio State University; Ph.D., University of Illinois at Chicago.

## **Sociology and Urban Studies**

Marilyn Cohen (2004) Professor, Director of Women's Studies Program; B.A., Hofstra University; M.A., Ph.D., The New School.

Donal Malone (1998) Associate Professor; B.A., City College of New York; Ph.D., City University of New York.

\*Thomas M. Mansheim (1968) Associate Professor; B.A., South Dakota State University; M.A., University of Detroit; M.S., University of Wisconsin (Milwaukee).

\*Joseph McLaughlin (1987) Chairperson, Professor; B.A., M.A., Saint Peter's College; Ed.D., Seton Hall University.

Edgar Rivera Colón (2015) Assistant Professor; B.A., Fordham University; M.A., Ph.D., Rutgers University.

\*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, Director of Latin American and Latino Studies; 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.

\*Eileen P. Flynn (1982) Professor; M.A., Immaculate Conception; B.S., Ph.D., Fordham 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).

## **Saint Peter's University Libraries**

Daisy DeCoster (2008) Interim Director; B.A., University of Richmond; M.L.I.S., University of Tucson.

Mark Graceffo (1997) Coordinator of Englewood Cliffs Library; B.A., Northeastern University; M.S.W., Columbia University; M.L.S., Queens College, City University of New York.

Ilona MacNamara (2001) Associate Librarian for Reference and Exhibits Coordinator; B.S., New York University; M.L.S., Rutgers University; M.A., Saint Peter's University.

Mary Kinahan Ockay (1999) University Archivist; B.A., Chestnut Hill College, Diploma Anglo-Irish Lit., Trinity College, University of Dublin (Ireland).

Hao Zeng (2008) Senior Assistant Librarian and Coordinator of Systems and Electronic Resources; B.S., Beijing Normal University; M.L.I.S., Long Island University.

Ann Marie Ziadie (2012) Assistant Librarian for Collection Development and Reference Services; B.A., Rutgers University; M.A., West Virginia University; M.S.I.L., University of Illinois at Urbana-Campaign.

\*|<p><span><em>Bene Merenti</em></span></p>

## Adjunct Lecturers

This listing includes adjunct lecturers who teach at the main campus, the Englewood Cliffs Campus, and various on-site locations, e.g., corporate sites, etc.

## Accountancy

Karen Beerbower, C.P.A., J.D.  
James DelVacchio, M.B.A., C.P.A.  
Mary Ryan, B.S., M.B.A., C.P.A.

## Applied Science

Kanzhu Guo, Ph.D.

Karen Wydner, Ph.D.

## Africana Studies

Marshall Coles, M.A.  
Marion Franklin, Ph.D.  
Fadia Joseph, M.B.A.  
Donal Malone, Ph.D.  
Sara O'Brien, Ed.D  
Fatima Shaik, M.A.

## Business Law

James Berado, J.D.  
Brian Koch, J.D.  
Megan Pear, J.D.

## Biology

James Capasso, M.S.  
Edward Catherina, D.C.

Alejandro Henao, M.D.  
Christopher Pellino, D.C.

Jonathan Pereira, .D.  
John Ruppert, M.S.M

## Business Administration

Schnewer Awad, M.B.A.  
Gerald J. Bifulco, M.B.A.  
Eugene R. Boffa, Jr., J.D.  
Frank A. Calvosa, M.B.A.  
James M. Campora, M.B.A.  
Ronald Camporeale, M.B.A.  
Angelo A. Caprio, M.D., M.M.M.  
Robert A. Cutro, B.S.  
\*John E. Dabney, II, M.B.A.

Andrea D'Alessandro, M.B.A.  
Ben D'Aniello, M.S.  
Joy De Los Reyes, M.B.A.  
Robert Donnelly, M.B.A.  
Nadeem M. Firoz, Ph.D.  
Dean A. Goettsch, M.A.  
Edmond J. Harrison, M.B.A.  
Elizabeth Kane, M.B.A.  
Thomas Kernodle, M.B.A.  
Robert L. Kravitz, M.A., E.D.  
Mark L. Librizzi, M.B.A.  
Mark H. Lovenson, M.B.A.  
Aldo J. Martinez, J.D.  
Niurka "Nikki" Mederos, M.B.A.  
Michael C. Nicolai, J.D.  
Teresa Origenes, M.B.A.  
Gina Papale, M.B.A.  
Thomas R. Parsils, M.B.A.  
Paul D. Pensabene, M.B.A.  
Arnold Pollack, M.B.A.  
Shannon E. Pullaro, M.B.A.  
Eurice E. Rojas, M.H.A.  
Miguel A. Saez, M.B.A.  
William C. Sanis, M.B.A.  
Richard Sgrignoli, M.B.A.  
Karl M. Soehnlein, Ph.D.  
Stephen Struk, Ph.D.  
Linda Sylvestri, M.B.A.  
Christine C. Wettasinghe, M.B.A.  
Richard G. Zilg, M.B.A.

## **Chemistry**

Arnold J. Simon, M.S.

## **Communications**

Joseph Lamachia, B.S.

## **Computer Science**

Edward J. Baggs, M.B.A.  
Junita Brodie, B.S., M.A.  
Sterling C. Clyburn  
Bruce J. Forman, M.B.A..  
John C. Garbarini, M.S.C.S., M.S.E.E.  
John G. Griffin, M.A., M.S.  
Marianne Hans, B.A.  
Parviz Homai, M.B.A.  
Jim Keogh, M.B.A.  
\*John Keyser, M.S.  
\*James M. Kiernan, M.A.  
Brian Mueller, M.S., M.B.A.  
Ahmed Rafa, M.B.A.  
Nimit Shah, M.S.  
\*Stephen Struk, M.M.S.  
Anthony J. Tortorella, M.B.A.

## **Criminal Justice**

Heath Brightman, Ed.D.  
Ellen Egan, M.A.  
Giuseppe M. Fazari, Ph.D.  
Brian Gajewski, M.A.  
  
Terrence Hull, J.D.  
John Jordan, M.A.  
William Laria, M.A.  
David Leon, M.A.  
Robert Montgomery, M.S.W.  
Brian Neary, J.D.  
Hector Rodriguez, M.A., D.Min.  
Edgar Sepulveda, J.D.  
Matthew Sheridan, M.A., Ph.D.  
Michael Shuhala, J.D.  
Robert Tarwacki, M.C.J.

## **Economics**

Alan Anderson, Ph.D.  
Ceceilia Berkowitz,  
George P. Brown, M.B.A.  
John Bruggemann, M.B.A.  
Christopher Dias, M.B.A.  
Peter Domasky  
Susan Lang Flint, M.A.  
\*Geoffrey D. Gohlich, M.A.  
Juila Heckman  
Jerome G. Kotch, M.B.A.  
Ronald Lamendola, M.B.A.  
Munther Nushiwat, Ph.D.  
Cyril Paravitana, Ph.D.  
Perc Pinada  
Taghi Ramin, Ph.D.  
Surinder Singh, M.B.A.  
Rubina Vohra, Ph.D.

## **Education**

Edward Aguires, M.A.  
Marilyn Barker, M.A.  
Paula Christen, M.A.  
Megan Falduto, M.A.  
Sandra Frierson, M.A.  
Christine Fogler, M.S.  
William Hazelton, M.A.  
Mary McCabe, M.A.  
Kenneth McIntire, M.A.  
Constance Muir, M.A.  
Peter Muir, M.A.  
Brian Mullaghy, M.A.  
Paul Reitemeyer, M.A.  
Tiffany Riccardi, M.A.  
Dennis Sevano, M.A.  
Joan Shields, M.A.  
Diane Snyder, Ph.D.  
Robert Tholen, M.A.

Ronald Waack, M.A.  
Thomas Zapulla, M.A.

## English

James Armstrong, Ph.D.  
\*Steven Aulicino  
Alison Bowers, M.A.  
Matt Cheplic, M.A.  
Sarah Fishstein, M.F.A.  
Claire Guadagno, M.A.  
Julia Hali, M.A.  
\*James L. Henderson, M.A.  
\*Richard L. Kennedy, Ph.D.  
\*Barbara Z. Klugerman, M.A.  
Lewis Livesay, M.A.  
Barbara Melchione, M.A.  
Joseph Murphy, M.A.  
Peter O'Brien, S.J., M.A.  
Anthony Price, M.A.  
\*John J. Rouse, Ph.D.

## Fine Arts

\*James R. Adler, M.A.  
Frank C. Bosco, M.F.A.  
Salvatore Calcaterra, M.A.  
Susan Chin, B.F.A.  
\*Anna Cicirelli, Ed.D.  
Kevin Cummines, M.F.A.  
Thomas C. Folk, Ph.D.  
Frank Gimpaya, B.F.A.  
Patricia Gorman, M.F.A.  
Jorge Larrea, M.A.

Joseph Legaspi  
\*Frank V. Manfredi, M.Mus.

Vincent Rone  
Omar Saeed, M.F.A.  
Cynthia Sanford, Ph.D.

## History

Thomas Garguilo, M.A.  
Michelle Kateman, M.A.  
Michael Massey, M.A.  
\*John J. Munro, M.A.  
William Phalen, M.A.  
Christopher Rosati, M.A.  
Wayne Sarf, Ph.D.  
Howard Van Ness, J.D.  
Jacob Zumoff, Ph.D.

## Mathematics

Rudy A. Kelly, M.A.  
\*James M. Kiernan, M.A.  
Paul Knox, M.B.A.

\*Bernard F. McNeilly, M.S.T.

Fatma Mohamed, M.S.  
Raymond Moonsammy, M.B.A.  
\*Lamberto Nieves, M.S.

Qamar Raza, M.S.  
Robert Silvera, M.A.  
Paul Simon, M.S.

Tushar Trivedi, M.S.W.  
Joan Tully, M.A.  
Joann Zarejko, M.A.

## **Modern and Classical Languages and Literatures**

Anthony Aracich, S.J., M.A.  
Orlando Garcia, M.A.  
Joni Ivankovic, M.A.  
Nelda Nelson-Eaton, Ph.D.  
Maria Nolfo, M.A.  
Ayako Sairenji, A.B.D.  
Sally V. Sancho, M.A.  
Robert Sciarrone, A.B.D.  
Marianne Sweeney, M.A.  
Jonathan F. Thomson, M.Ed.  
Ingrid Torres, M.A.  
Asterio Velasco, M.A.  
Bing Wang, M.A.  
Edna Zalenski, M.Ed.

## **Nursing**

Lynn Muller, J.D.  
Timothy Nguyen, Pharm.D.  
Hussein Tahan, M.S.N.

## **Philosophy**

John Foley, M.S.  
Stephen Levy, Ph.D.  
Rafael Macranas, Ph.D.  
Rev. W. Royer, Ph.D.  
Felix Ugwuozor, Ph.D.  
Martin Yalcin, Ph.D.

## **Physics**

Kangzhu Guo, Ph.D.

## **Political Science**

Jennifer L. Barnes, J.D.  
Kohar Boyadjian, Ph.D.  
Moshe Braunstein, M.A.  
John Burke, J.D.  
Mark Checki, J.D.

## **Psychology**

Carolyn Gerdes, M.A.

Maria Rivera, Ph.D.  
 Lisa Sargese, M.T.S., M.A.  
 Ruth Levy, Ph.D.

## Public Policy

Stacey Flanagan, M.A.  
 Marion Franklin, Ph.D.  
 Angelo Graceffo, L.C.S.W.  
 Mark Graceffo, M.S.W.  
 Byron Hargrove, Ph.D.  
 Anele Heiges, Ph.D.  
 Michelle Kateman, M.A.  
 Kriss Kemp-Graham, M.A.  
 Alejandro Lopez, M.A.  
 \*Frank V. Manfredi, M.Mus.  
 Christopher Portello, J.D.

## Sociology and Urban Studies

Jacqueline Alsbrook, M.A.  
 Robert Alexander, M.S.W.  
 Abbe A. Favocci, M.S.W.  
 Marion Franklin, Ph.D.  
 Brian Goldsmith, M.A.  
 Gerard Grimmeyer, M.A.  
 Kwan Hao, M.A.  
 Fadia Joseph, MBA-MIS  
 Scott Lizama, M.F.A.  
 Boon Ngeo, M.A.

## Theology

Robert J. Armbrustter, M.A.  
 Robert Christie, Ph.D.  
 Ralph Clingan, Ph.D.  
 James Crosson, B.A., M.A.  
 Lester Figurski, Ph.D.  
 John McPhee, M.A.  
 Mary Ann Muller, B.A., M.A.  
 \*Catherine A. Murphy, M.A.  
 Craig Pilant, Ph.D.  
 Alice Potz, Dipl.Theol.  
 John Roskoski, M.A.  
 Wilfred S. Royer, Ph.D.  
 Jose-Luis S. Salazar, S.J., S.T.B., S.T.L., Ph.D.  
 Alexander Santora, M.Div.

## 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
- Donal MacVeigh, S.J.** (1987) Professor Emeritus of Computer Science
- 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
- 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
- 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

Kyle Rivers, Director of Web Strategies and Communications

Christopher Gonzalez, B.A., Assistant Director of Web Strategies and Communications

Lamberto Nieves, M.A., Director of Institutional Research

\*Ben Scholz, M.B.A., Director of Enrollment Research & Technology

Layla Shumnok, Research Analyst - Institutional

### **Office of the Provost/Vice President for Academic Affairs**

Gerard O'Sullivan, Ph.D., Provost/Vice President for Academic Affairs

Mildred Mihlon, Ph.D., Associate Vice President for Academic Affairs and Assessment

Scott Keller, M.A., Director, Center for Global Learning

### **College of Arts & Science/School of Business Administration**

Scott F. Stoddart, Ph.D., Dean

Nicole DeCapua, M.P.S., Dean of Freshmen and Sophomores

Barbara Melchione, M.A., Director, Center for the Advancement of Language and Learning

Patrice McDonald, M.A., First Year Experience & Student Engagement Coordinator

Michael Doody, M.B.A., Associate Director, Center for the Advancement of Language and Learning

\*Anne C. Rosario, B.A., Director of Educational Opportunities Fund (EOF) TBA, EOF Counselor

Walvi De Jesus, B.A., EOF Counselor

Alexis Agosto B.A., EOF Counselor

Tushar Trivedi, M.S.W., Coordinator, Academic Success Program/International Student Coordinator

Olga Ndhlovu, M.S., Academic/Athletic Coordinator

### **School of Business Administration**

Bruce Rosenthal, Ph.D., KPMG Founding Dean

Louis Ruvolo, M.B.A., Director of Graduate Business Programs

### **School of Education**

\*Joseph V. Doria, Ed.D., Dean

Maureen Blue, Ed.D., Director of Doctoral Programs

\*Anna Cicirelli, Ed.D., Associate Dean of School of Education

Michele Cassaro, B.A., Director of Field Experience and Certifications

Susan Kukucka, Ed.D., Director of Assessment

## **School of Nursing**

Patricia Ahearn, B.S.N., M.S.N., R.N.-B.S.N. Program Director

Lauren E. O'Hare, R.N., Ed.D., Dean

Lisa Garsman, M.S., A.P.N., Generic B.S.N. Program Director

## **School of Professional & Continuing Studies and Summer Session**

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### **JERSEY CITY CAMPUS:**

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Marlon Guild, B.A., Asst. Coach

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David Scarborough, M.A., Asst. Coach

Phyllis Mangina, B.S., Asst. Coach

Baseball

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Ed Moskal, Asst. Coach

Matthew Owens, B.S., Asst. Coach

Charles Rozzi, Director of Baseball Operations

Cheerleading

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Golf

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Andrew Gain, B.S., Asst. Coach

Men's Soccer

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Women's Soccer

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Softball

TBD, Head Coach

John Burton, B.A., Asst. Coach

Men's Swimming

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TBD, Asst. Coach

Women's Swimming

TBD, Head Coach

TBD, Asst. Coach

Men's Tennis

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Elisabeth Scolamieri, B.A., Asst. Coach

Women's Tennis

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Elisabeth Scolamieri, B.A., Asst. Coach

Men's/Women's Track

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Michael Sacca, B.A., Asst. Coach

Men's/Women's Cross Country

TBD, Head Coach

Michael Sacca, B.A., Asst. Coach



Women's Bowling

Jenn Houseward, Head Coach

Volleyball

TBD, Head Coach

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