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# Saint Peter's University Catalogs

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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, willing to accepting responsibility as fully engaged learners, and the University, dedicated to offering quality instruction and excellent student services to support student success. These Catalogs serve to communicate the expectations of all community members towards fostering a vibrant learning environment.

**Please choose a Catalog (Undergraduate/Graduate) or Handbook on the left.**

# Undergraduate Catalog

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

Copy for this catalog was prepared as of September 2012. The material herein applies to the 2012-13 and the 2013-14 academic years.

## **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 St. Peter's University

Dear Students:

Saint Peter's University is an academic community committed to high standards and the pursuit of excellence both in and out of the classroom. The community is built on a partnership between students, willing to accepting responsibility as fully engaged learners, and the University, dedicated to offering quality instruction and excellent student 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

### 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, 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 college. 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 under-graduate and graduate programs at the main campus in Jersey City and the branch campus in Englewood Cliffs.

### College Milestones

| Year | Milestone   |
|------|---|
| 1872 | Charter for Saint Peter's College.  |
| 1878 | First student enrolled.   |
| 1918 | College closed as a result of World War I.  |
| 1930 | College reopened.   |
| 1932 | School of Business Administration, Evening Division, started under the name of Hudson College.  |
| 1942 | Hudson College closed because of World War II.  |
| 1948 | Evening Session resumed under the name of Saint Peter's College.  |
| 1966 | Saint Peter's College became coeducational in the Day Session.  |
| 1975 | Opening of Englewood Cliffs Campus — a branch campus for adults.  |
| 1979 | Program leading to the Master of Arts in Education introduced.  |
| 1982 | Reactivation of Alpha Sigma Nu, the national honor society of Jesuit colleges and universities.   |
| 1983 | Opening of Veterans' Memorial Court, the College's first residence hall.  |
| 1985 | Establishment of the Will and Ariel Durant Chair for the Humanities, funded by the New Jersey State Legislature.                                  |
| 1988 | Program leading to the Master of Business Administration in Management Information Systems introduced.  |
| 1990 | Dedication of the Joseph J. Jaroschak Field, the College's first athletic field.  |
| 1993 | Formal dedication of Whelan Hall, a residence hall on the East Campus, funded with the help of a one million dollar gift by Thomas V. Whelan '68. |
| 1994 | Renovation of Saint Peter Hall for additional residence facilities and offices for student services.  |

|      |   |
|------|---|
| 1996 | Introduction of new M.B.A. programs in Management and International Business as well as Master of Science in Accountancy.   |
| 1997 | 125th Anniversary of the founding of Saint Peter's College. Introduction of Master of Science in Nursing and Weekend College for graduate studies.  |
| 1999 | Introduction of new M.B.A. programs in Finance and Marketing. Formal dedication of Millennium Hall on the east campus, the College's fourth residence hall.   |
| 2000 | Completion of \$8.2 million renovation and modernization of Gannon Hall, the College's science building.  |
| 2001 | Creation of School of Professional & Continuing Studies, renaming the Evening division.   |
| 2003 | Opening of College Advising Center. Implementation of new majors in Criminal Justice and Graphic Arts. Articulations with UMDNJ for Physicians Assistant, Pharmacy, and Physical Therapy. Opening of South Amboy site for graduate courses.   |
| 2006 | Implementation of Generic Bachelor of Science in Nursing Program and Minor and Certificate Programs in Women's Studies. Dedication of Social Justice House Articulation agreement with Seton Hall University for Law. Dr. Marylou Yam appointed as Dean of CAS/SBA - the first woman in the College's history to hold this position. 2007 Introduction of new Major in Biotechnology and re-activation of Minor in Journalism. Dr. Eugene J. Cornacchia appointed as the 22nd President - the first lay president in the College's history. Creation of School of Nursing - renaming the Department of Nursing. |
| 2007 | Introduction of new Major in Biotechnology and re-activation of Minor in Journalism. Dr. Eugene J. Cornacchia appointed as the 22nd President - the first lay president in the College's history. Creation of School of Nursing - renaming the Department of Nursing.   |
| 2008 | Introduction of Master's in Special Education as well as new concentration in E- Commerce within the Computer Science Major. Launching of minor program in Africana Studies.  |
| 2009 | Creation of a School of Education - re-named, the Department of Education . Introduction of concentration in Environmental Science & Forensic Science. New major and minor in Asian Studies launched. New concentration in School Counseling launched in the Graduate Education Program. Creation of Center for Excellence in Teaching and Learning. Establishment of the Center for Microplasma Research Technology - the first such center in the world.  |
| 2010 | New programs launched: Environmental Studies, Health and Physical Education, Health Information Management, Master of Arts in Criminal Justice Administration.  |
| 2011 | First fully online program introduced: RN to BSN Program.   |
| 2012 | Saint Peter's College received university status and legally changes its name to Saint Peter's University. Generic BSN program receives full accreditation by the New Jersey Board of Nursing. Sports Management major launched.  |

## 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 and the School of Business Administration (CAS/SBA) for traditional age students, 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.

CAS/SBA 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 recent years the University has attracted growing numbers of resident students who now come from 29 states and several foreign countries. Freshman

resident students live in Millennium, Whelan or St. Peter halls on the east campus. Upperclass students reside in apartment-style residence halls on the west campus.

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 five degree programs: the Master of Arts in Education, the Master of Arts in Criminal Justice Administration, the Master of Business Administration, the Master of Science in Accountancy, and the Master of Science in Nursing. The graduate programs are offered on both campuses, except for the MSN Program which is only offered on the Englewood Cliffs campus. In addition, courses in the MBA and MS Accountancy Programs are offered in corporations on the Jersey City waterfront, at Saint Peter's Preparatory School on the Jersey City waterfront, and at Cardinal McCarrick High School in South Amboy. Courses in the Graduate Education Program are given off-site in selected school districts, and at Cardinal McCarrick High School in South Amboy.

**The 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-5 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.

**The Master of Arts in Criminal Justice Administration** offers concentrations in police administration and federal law enforcement administration. The program will prepare graduates to lead and manage local, state, and national criminal justice organizations.

**The 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.

**The 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.

**The Master of Science in Nursing** offers two specializations: Adult Primary Care (Adult 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 nurse practitioners. Detailed information about the graduate programs is found in the Saint Peter's University Graduate Catalog.

**The 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.

**The 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.

**The Doctorate in Nursing Practice (DNP)** prepares advanced practitioners who are building upon a foundation of liberal arts, the social, behavioral and physical sciences, as well as generalist and specialty nursing education, to become ethical and socially conscious leaders and expert nurses in the delivery of health care. Graduates will be advocates for those who cannot advocate for themselves while preparing for life-long learning by utilizing research and other evidence applicable to the diagnosis, treatment, and care for the betterment of their patients, their practice, and their profession.

## **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, one's relationship to others, to the environment, 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; and the social sciences, the changing behavioral patterns in society.

The self-awareness and the 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 sq. feet of space and houses over 260,000 volumes on its four floors. The library at the branch campus at Englewood Cliffs holds an additional 30,000 volumes. The libraries subscribe to 750 print periodicals and over 10,000 online. 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 how to do research, as well as how best to access information from around the globe, regardless of format, to meet your 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: [www.spc.edu/library](http://www.spc.edu/library) (<http://www.spc.edu/library>) and available on campus as well as remotely.

If you need access to books or articles that are not in our collection, we can usually obtain them on interlibrary loan within 2 to 3 weeks. We can also provide you with a referral card to other metropolitan area libraries. We are 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 the library of the College of Medicine and Dentistry in Newark, and to other 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 our computer facilities with over 300 computers in 20 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.

All the computer labs and classrooms are connected to the campus LAN and to the Internet. Every student has his/her own network account for accessing it. E-Mail and Blackboard, our on-line learning system, are accessed from any computer with an Internet connection. Over 50 classrooms are equipped with computers, video projectors and other multimedia hardware for computer-supported instruction. Almost all our Resident Halls are wired with a data connection at every student's desk. Almost the entire Jersey City campus has the university's wireless network. Use of Saint Peter's University facilities and network infrastructure are governed by our 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. Our 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 their 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 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 we provide 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, we seek 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. Since faith, service, and sensitivity to issues of justice flow from one another, Campus Ministry works closely with the Office of Community Service and a variety of departments, offices, and clubs which share common concerns for justice, solidarity, dialogue and social action locally and globally. Campus Ministry welcomes and encourages faculty to serve as mentors and learning partners in its programs.

## **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. 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

## 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, common to 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:

- Analyze information, both quantitatively and qualitatively.
- Formulate, critique, and analyze an argument.
- Utilize creative, critical thinking, and problem solving skills.
- Speak clearly and effectively, read critically, and write cogently.
- Synthesize knowledge from the core to major, as well as across general studies courses.
- Discern the process of change and adapt.

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

Outcomes:

- Identify people, ideas, processes, and events that have shaped human history.
- Appreciate and recognize artistic and literary traditions.
- Distinguish the role of diversity in all disciplines.
- Discern ethical and moral principles in order to understand more fully one's role as an individual in a larger community, and in all areas of life.
- Work effectively in collaboration with others.

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

Outcomes:

- Investigate the sciences through exploration, research, and field study.
- Recognize the past, present, and future impact of technology on society.

### **Objective 4: To acquire knowledge and develop an appreciation of faith and spirituality, which will assist one to:**

Outcomes:

- Live a life of reflection.
- Reflect about values and make distinctions among values.

**Objective 5: Exhibit leadership based upon one's ability to:**

Outcomes:

- Act fairly and serve others, especially the poor and oppressed.
- Explicate the Catholic understanding of justice.
- Demonstrate civic engagement.
- Make informed, reasoned decisions.

The core curriculum for the bachelor's degree for students entering prior to fall 2012, consists of 57 specified credits plus a 3-credit Values course. Beginning in fall 2012, a series of distribution requirements will be phased in. The core curriculum for the bachelor's degree for students entering 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 entering in fall 2013, consists 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 entering 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 Academic Dean for CAS/SBA students or the Dean of the School of Professional & Continuing Studies for SPCS students.

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

Take one of the following sequences in your freshman year:

|                    |  |
|--------------------|--|
| CM-104<br>& CM-115 | Introduction to English Composition<br>and Introduction to English Composition 2 |
| CM-106<br>& CM-117 | Introduction to English Composition<br>and Introduction to English Composition 2 |
| 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:

|        |                          |   |
|--------|--------------------------|---|
| AR-127 | Intro to the Visual Arts | 3 |
| AR-128 | Intro to Music           |   |

**History (6 credits)**

|        |                       |   |
|--------|-----------------------|---|
| HS-121 | The Western Tradition | 3 |
|--------|-----------------------|---|

Take one of the following courses:

|        |   |   |
|--------|---|---|
| HS-122 | World Perspectives in History                         | 3 |
| HS-123 | Special Topics in History (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<br>& MA-103 | Mathematics for the Humanities I<br>and Mathematics for the Humanities II      |  |
| MA-105<br>& MA-106 | Elementary Applied Mathematics<br>and Introduction to Probability & Statistics |  |
| MA-108<br>& MA-109 | Mathematics for Educators I<br>and Mathematics for Educators II                |  |
| MA-115<br>& MA-212 | Mathematics for the Health Sciences<br>and Elementary Statistics               |  |
| MA-123<br>& MA-124 | Elementary Calculus I<br>and Elementary Calculus II                            |  |
| MA-132<br>& MA-133 | Statistics for Life Sciences<br>and Calculus for the Life Sciences             |  |
| MA-143<br>& MA-144 | Differential Calculus<br>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-), or NS-110 Scientific Literacy (not offered after spring 2012). 3

Take one course in Biology (BI-), Chemistry (CH-), Physics (PC-), Psychology (PS-), Computer Science (CS-), EV-100, or EV-101, or NS-110 Scientific Literacy (not offered after spring 2012) 3

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

Choose 2 courses with different prefixes: 6

|                                  |   |  |
|----------------------------------|---|--|
| EC-101                           | Macroeconomic Principles  |  |
| PO-100                           | Perspectives on Politics  |  |
| SO-121<br>or SO-284<br>or SO-245 | Introduction to Sociology<br>Cultural Anthropology<br>Haitians in America                 |  |
| UR-151<br>or UR-228<br>or UR-312 | The Contemporary City<br>Demographic Trends & Urban Change<br>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 | Intro. to Philosophy I  | 3 |
| PL-101 | Intro. to Philosophy II | 3 |

**Theology (6 credits)**

|        |                                      |   |
|--------|--------------------------------------|---|
| TH-110 | Religious Faith in the Modern World  | 3 |
| TH-120 | Christianity in the Contemporary Era | 3 |

**Values Distributive Requirement**<sup>6</sup>**Capstone Experience (required for students entering in fall 2012 and after)**

|   |   |
|---|---|
| Take a designated Capstone Experience within the major. | 3 |
|---|---|

**Writing Intensive (3 credits, required for students entering in fall 2013 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 |
|---|---|

**Pluralism (3 credits, required for students entering in fall 2014 and after)**

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

|                      |           |
|----------------------|-----------|
| <b>Total Credits</b> | <b>60</b> |
|----------------------|-----------|

- <sup>1</sup> Possible minor for Computer Science Majors.
- <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 Administration (BSBA) - concentration: Professional Sales    |   |   | 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)   |   |   | X |
| <sup>2</sup> English Literature (BA)                                  | X |   |   |



|   |   |   |   |   |
|---|---|---|---|---|
| Environmental Studies (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 UMDNJ.

<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   |     |    |    |          |          |
| Finance                | X   |     |    |    |          |          |
| French                 | 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 Management              | X |   |  |   |  |   |
| Theater Arts                   | X |   |  |   |  |   |
| Theology                       | X |   |  |   |  | X |
| Urban Studies                  | X |   |  | X |  |   |
| Visual Arts                    | X |   |  |   |  |   |
| Women's Studies                | X |   |  |   |  |   |

## Special Academic Resources

### Freshman Advising and the First Year Experience

*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 (S.T.E.P.U.P), 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 may be 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 to CAS/SBA 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, head-start 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 3 academic credits towards graduation. 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)**

Dr. LaWanna Shelton, *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, including courses in English as a Second Language for students and community members who are seeking to improve their English language skills.

## Special Academic Programs

### The Honors Program

Dr. Rachel Wifall, *Director*

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, *Chairperson, 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 Sciences 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's assistant). Students interested in these programs need to plan their academic course of study with the assistance of a member of the Health Sciences 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 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), is available through consultation with the advisor of the Pre-Law Program. Exceptional high school 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 combined B.A./J.D. Program that Saint Peter's University offers in conjunction with Seton Hall University School of Law. The selective combined 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 combined program, see the Pre-Law section.

### Bachelor of Arts *in cursu classico*

Dr. Kristina Chew, *Director*

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 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 seminar 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 must possess a cumulative grade point average of at least 2.75 and should have already completed a full academic year at Saint Peter's University. To participate in the Washington Center Internship Program, students need the prior approval of their advisor and the Liaison for the Program if the credit is to be used as elective credit. If the credit is to be used towards the major, prior approval is needed from the advisor, Chair of the major department, and the Liaison for the Program. Grades for the internship and weekly seminar are recommended by the Washington Center staff and the agency supervisor, and are assigned by a Saint Peter's University faculty member designated on the approval form. Both the credits and grades earned are recorded on the Saint Peter's University transcript. However, grades from the Washington Center are not calculated in the grade point average for Saint Peter's University.

### **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 US Army Reserve or the Army National Guard. Interested students should contact Seton Hall University ROTC Department.

### **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

Wendy Garay, *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

Dr. Kristina Chew, *Director*

After discussion with their major advisor, students should consult the Director of the Center 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

Nicholas Chiaravalloti, *Executive Director*

Established in 1994 by Congressman Frank Guarini, The Institute 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); (SPCS only)
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 the degree through any combination of the above programs, not to exceed 15 credits of Prior Learning or CLEP in SPCS. (Students pursuing associate 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 for the School of Continuing and Professional Studies 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.

### Cooperative Education and Internships

The Center for Experiential Learning and Career Services 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 Experiential Learning and Career Services, 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 Experiential Learning and Career Services 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 Experiential Learning and Career Services 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 Experiential Learning and Career Services 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 Experiential Learning and Career Services must be approved by the instructor, the Academic Dean's Office, and the Center for Experiential Learning and Career Services.

Through the Center for Experiential Learning and Career Services, 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 nonprofit 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 at the School of Professional and Continuing Studies in good academic standing with an average 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 2) 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

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 academic dean for each 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 both CAS/SBA and SPCS unless specifically addressed in the SPCS section.

### 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 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 weighted grade point average (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 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 the 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 Communications; 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 academic 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;
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 academic dean who will determine whether the students meet 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 dean, file for graduation with the Registrar, and pay the graduation fee.

## Commencement

Degrees are conferred annually on Commencement Day at the close of the spring term. All candidates for degrees are expected to be present at the conferral. Students who need no more than 12 credits in order to complete degree requirements may participate in the spring commencement exercises provided that they have completed the Commencement Contract and received the signed permission of the Academic Dean. Participation in the

commencement exercises is ceremonial and does not constitute graduation or degree eligibility. After final grades are received and graduation verification is completed, diplomas will be mailed to those who qualify approximately one month after the ceremony. 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. The 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 CAS/SBA 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. When a student formally declares a major, he/she will be referred to the appropriate department for advisement.

### **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. Formal registration is not complete until the student's financial obligation has been satisfied and a bill has been stamped by the Finance Department.

### **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**

Students in trimester-based programs may not register for semester courses. Students in semester-based programs may not register for Winter trimester courses.

### **Student Status**

Students enrolled at the University are classified as follows:

#### **CAS/SBA 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.

#### **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 Committee on Admissions 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 academic 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 6 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 academic dean.

## Part-time Students

Students who carry a course load of fewer than 12 credits per semester or 3 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/Withdrawing Courses

Students may petition to add or withdraw from courses by filing a change of schedule form in the Enrollment Services Center.

### 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 change of schedule 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 change of schedule 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 change of schedule 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 in CAS/SBA 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 Dean of Upperclassmen and by completing a declaration of major form.

## Change of Major

CAS/SBA students wishing to change their major field should secure the appropriate form from the Enrollment Services Center and obtain the approval and signature of the chairperson of the new department and the Academic 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 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.

## CAS/SBA 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 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 academic dean of the new session or campus.

## CAS/SBA Students Enrolling SPCS Courses

Students enrolled in the College of Arts and Sciences/ School of Business Administration are expected to complete their degree requirements through courses offered by CAS/SBA. However, CAS/SBA 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 Dean of CAS/SBA;
- They will not have exceeded a total of 6 credits in the Academic year in SPCS courses (excluding Janmester courses) and no more than 3 credits in any given term;
- They may not take courses in the winter trimester/term

## **CAS/SBA Policy on Summer Session Course Loads**

Students enrolled in the College of Arts and Sciences/School of Business Administration may take no more than 12 credits in a given summer session and no more than 6 credits in any particular session, and no more than 3 credits in any session of three weeks or less.

## **CAS/SBA 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 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 matters 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.

There are two ways in which a student may fail a course due to absence.

1. CAS/SBA students who exceed absences totaling more than two times the number of lecture meetings per week may be given a grade of FA (failure due to absence) if the student continues in the course past the withdrawal date. Students taking SPCS classes in 8-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. At the discretion of the instructor, and in consultation with the Dean of SPCS, students who have exceeded the permissible number of absences in a course may be given the grade of FA at any point in the term and immediately dropped from the course.
2. Students who do not exceed the absence limit, but miss critical, graded in-class work without a valid reason accepted by the instructor, may subsequently have an overall failing average for the course. When a grade of FA is given prior to the final exam, the instructor shall notify the dean and inform the student that he/she has failed the course due to excessive absence and may no longer attend the class or take the final exam in that course.

## 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 day students or 2 classes for SPCS students) must notify the appropriate academic dean who will inform the faculty as a service to students. Day students must notify either the Dean of Upperclassmen or the Dean of Freshmen and Sophomores. Student 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 academic 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 CAS/SBA course. Any substitute procedure for a final examination must be authorized by an instructor's department chairperson and the 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                |

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  |
| WD     | Formal withdrawal from a course  |
| FA     | Student stopped attending course without formal withdrawal, neglected to complete course work and arrange with the instructor for a designation of IC, or exceeded the number of permitted absences. Assignment of the grade of FA is at the discretion of the instructor. |

### 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 this Pass/Fail option must be approved by the student's advisor and the Academic Dean. A CAS/SBA 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, fail a course due to excessive absence (FA). See the section on Class Attendance for further details regarding FA grades.

## 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 ICs in the second spring session must complete the required work within 6 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 be initiated only 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 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 dean to discuss the issue further.

When the assistance of the chair or the 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 a weighted average and 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.

## Repetition of Courses/Replacement of A 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 will remain on the transcript. Only the most recent grade will be included in the cumulative grade point average and only the most recent iteration will apply toward degree completion. The grade will automatically be replaced by the grade received in the repeated course. The 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. An official transcript is one bearing the seal of the University. Official transcripts given to students will be mailed as "issued to student." There is a charge for each official transcript.

Students may request transcripts from the Enrollment Services Center in person or in writing, but not by telephone. Transcript requests cannot be honored without a student's signature. Transcripts should be requested well in advance of the date they are needed. Under normal conditions transcripts will be prepared within ten working days after the request is received in the Enrollment Services Center. No transcripts or certifications will be released for students who have unpaid financial obligations to the University.

## Family Educational Rights and Privacy (FERPA)

The Family Educational Rights and Privacy Act of 1974 protects the privacy of education records, establishes the right of students to inspect and review their education records, and provides guidelines for the contesting of inaccurate or misleading data.

Students have the right to inspect and review all education records maintained by the University. The University is not required to provide copies unless, for reasons such as great distance, it is impossible for students to inspect the records.

Students have the right to request that the University correct records believed to be inaccurate or misleading. If the University decides not to amend the record, the student has a right to a formal hearing with the appropriate Academic Dean. After the hearing, if the University still decides not to amend the record, the student has the right to place a statement with the record commenting on the contested information in the record.

The University will not release any confidential information from a student's record without the written consent of the student, with the exception of the following: to University officials with a legitimate educational interest, to other institutions at which a student seeks or intends to enroll, to certain government officials in order to carry out lawful functions, to appropriate parties in connection with financial aid to a student, to organization(s) conducting certain studies for the University, to accrediting organizations, to individuals who have obtained court orders or subpoenas, and to persons who need to know in cases of health and safety emergencies.

The University may disclose directory information without the written consent of the student. Directory information includes the following: name, address, telephone number, email address, photograph, dates of attendance, enrollment status, class, previous institutions attended, major field of study, awards, honors, degrees conferred (including date), past and present participation in officially recognized activities, height and weight (for athletes only), and date and place of birth. Students may request the withholding of disclosure of directory information. To

ensure that a request is properly processed, it must be submitted on the official "Request to Prevent Disclosure of Directory Information" form, which is available in the Enrollment Services Center. In order to prevent all disclosures of directory information, the official request must be filed prior to the first day of the semester. However, the University will accept requests at any time. The request will remain in effect until the student submits signed authorization to allow disclosure of directory information. The University assumes that failure on the part of any student to specifically request on the official form the withholding of release of directory information indicates individual approval of disclosure.

Students have 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. Contact the Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202.

## 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 academic 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 academic 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.

Undergraduate day students with an approved accommodation(s) in a particular course are required to pick up their accommodation letters from the Academic 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 change of name.

## Academic Standing

The academic records of CAS/SBA students are reviewed by the 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 academic 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 academic 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 academic dean explaining the reasons for seeking readmission and describing the manner in which the period of suspension has been spent. CAS/SBA 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 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 CAS/SBA but are requesting readmission to SPCS (or vice-versa) should complete the Request to Change Status form which may be obtained from an academic 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 academic 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 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 dean who will oversee the procedures for updating their status. CAS/SBA students must see the academic dean. SPCS students who have been away for two terms must see the 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. Our educational mission reflects a commitment to intellectual rigor, social justice, and an active engagement of contemporary issues. We believe, 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, and 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 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 Academic Dean. Instructors submit Academic Dishonesty Reports to the Academic 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, 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 4 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.

## College of Arts and Sciences/School of Business Administration

### 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 College 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<br>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 College 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 | Communications                  |
| 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 | Women's Studies     |

## Department of Accountancy and Business Law

Kevin A. Leeds<sup>1</sup> (1981) Chairperson

<sup>1</sup> Bene Merenti

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  | Intermed 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 & Contracts   | 3         |
| BL-162  | Agency & 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 Intro Computers & 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 & 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 & 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 Stats for Business & 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        | Intermed Accounting Theory I          | 3  |
| AC-332        | Intermediate Accounting Theory II     | 3  |
| AC- or BL-    | Accountancy or Business Law Electives | 6  |
| Total Credits |                                       | 18 |

### Requirements for a Minor in Business Law

|                            |                                      |    |
|----------------------------|--------------------------------------|----|
| BL-161                     | Introduction to Law & Contracts      | 3  |
| BL-162                     | Agency & Business Organization       | 3  |
| BL-241                     | Real and Personal Property           | 3  |
| BL-251                     | Uniform Commercial Code              | 3  |
| LW-155                     | Seminar in Contemporary Legal Issues | 3  |
| One Business Law Electives |                                      | 3  |
| 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-490                        | Seminar in Africana Studies               | 3  |
| Select four of the following: |   | 12 |
| AR-231                        | Egyptian Art                              |    |
| AR-240                        | Cultural Diversity in Art                 |    |
| AR-499                        | Short-Term Study Abroad (Travel Course)   |    |
| AS-230                        | Black Politics                            |    |
| AS-352                        | Minority Group Relations                  |    |
| EC-452                        | Economic Development                      |    |
| ED-428                        | The Lit. Cult. & Soc. Issues: West Africa |    |
| EL-322                        | Black Novel                               |    |
| HS-273                        | The Islamic World 622-1800                |    |
| HS-327                        | A History of the Jesuits <sup>1</sup>     |    |
| HS-347                        | The Modern Near East                      |    |
| LS-101                        | Intro Latin Amer & Latino Stud            |    |
| LS-227                        | Sociology of Salsa                        |    |
| LS-351                        | Issues in the Latino Community            |    |
| PO-410                        | Political Development                     |    |
| PO-422                        | Cmptrv Pol: Mid East & Nrth Africa        |    |
| SJ-130                        | Introduction to Nonviolence               |    |
| SJ-325                        | Violence and Social Change                |    |
| SO-224                        | Black Hair and Identity in America        |    |
| SO-345                        | Sociology of Intimacy                     |    |
| SO-352                        | Minority Group Relations                  |    |
| SO-360                        | Intercultural Relations                   |    |
| TH-443                        | Black Theology <sup>1</sup>               |    |
| TH-496                        | Theology and Urban Problems               |    |
| UR-202                        | Urban Music: Jazz to Hip-Hop              |    |
| UR-333                        | Black Community and the Law               |    |
| UR-412                        | Ethnicity and Race in Urban History       |    |
| UR-460                        | The US Civil Rights Movement              |    |

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 Amer Hist I    | 3  |
| HS-232   | Main Currents in Amer Hist 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   | The Literature of Black America |    |
| Interdisciplinary Electives (one course from five of the following groups) |                                 | 15 |
| AM-XXX   | Captone Course                  | 3  |
| Total Credits  |                                 | 30 |

#### Interdisciplinary Electives

Select one course from five of the following groups.

##### Group 1

|        |                               |      |
|--------|-------------------------------|------|
| AR-214 | Art Advertising and Design    | 3.00 |
| AR-240 | Cultural Diversity in Art     | 3.00 |
| AR-250 | Live Performance Art          | 3.00 |
| AR-340 | The Visual Arts in America    | 3.00 |
| AR-420 | New York Theatre Live         | 3.00 |
| AR-425 | Women in Art                  | 3.00 |
| AR-274 | Music: Amer Stage B'way Mscls | 3.00 |
| AR-293 | Today's Film Scene            | 3.00 |

##### Group 2

|        |                              |      |
|--------|------------------------------|------|
| CJ-165 | Introduction to Criminology  | 3.00 |
| CJ-170 | Intro to Criminal Justice    | 3.00 |
| CJ-175 | Intro to Law Enforcement     | 3.00 |
| CJ-199 | Fundamentals of Criminal Law | 3.00 |
| CJ-210 | Multiculturalism in Justice  | 3.00 |
| CJ-222 | Family Law                   | 3.00 |
| CJ-240 | Gangs and Organized Crime    | 3.00 |
| CJ-253 | Social Deviance              | 3.00 |
| CJ-258 | Criminal Justice Ethics      | 3.00 |

|                |  |      |
|----------------|--|------|
| CJ-280         | Juvenile Delinquency                     | 3.00 |
| CJ-306         | Cops Crime & Cinema: Criminal Just Film  | 3.00 |
| CJ-390         | Criminal Law                             | 3.00 |
| CJ-420         | Drugs Society & Human Behavior           | 3.00 |
| CJ-485         | Child Protection Agencies and the Law    | 3.00 |
| <b>Group 3</b> |  |      |
| CU-213         | Advertising and the New Media            | 3.00 |
| CU-256         | The Horror Film                          | 3.00 |
| CU-282         | Science Fiction Film                     | 3.00 |
| CU-285         | Gender & Communication                   | 3.00 |
| CU-423         | The American Film                        | 3.00 |
| <b>Group 4</b> |  |      |
| EC-324         | Poverty & Inequality                     | 3.00 |
| EC-351         | American Economic History                | 3.00 |
| <b>Group 5</b> |  |      |
| ED-160         | Aims of American Education               | 3.00 |
| ED-390         | Innov Projects in Education I            | 3.00 |
| <b>Group 6</b> |  |      |
| EL-347         | The American Novel Before 1900           | 3.00 |
| EL-348         | American Literature to 1870              | 3.00 |
| EL-351         | American Literature From 1870            | 3.00 |
| EL-353         | The American Short Story                 | 3.00 |
| EL-356         | Modern American Poetry                   | 3.00 |
| EL-357         | The American Novel Since 1900            | 3.00 |
| EL-359         | The Literature of Black America          | 3.00 |
| EL-416         | Children's Literature                    | 3.00 |
| EL-417         | Detective Fiction                        | 3.00 |
| EL-421         | Fiction and Film                         | 3.00 |
| EL-493         | Film Noir: Dark Side of American Film    | 3.00 |
| <b>Group 7</b> |  |      |
| HS-314         | The World Wars                           | 3.00 |
| HS-450         | Colonial Experience to 1763              | 3.00 |
| HS-452         | Amer Rev & Fdrlst Era 1763-1800          | 3.00 |
| HS-459         | The Era of the Civil War                 | 3.00 |
| HS-464         | History of Amer Immigration              | 3.00 |
| HS-468         | American Republic 1919-1945              | 3.00 |
| <b>Group 8</b> |  |      |
| PL-285         | American Philosophy                      | 3    |
| <b>Group 9</b> |  |      |
| PO-201         | American Government                      | 3.00 |
| PO-207         | The Mass Media and American Politics     | 3.00 |
| PO-215         | United States Foreign Policy             | 3.00 |
| PO-262         | Political Influence of Film              | 3.00 |
| PO-303         | Early American Political Theory          | 3.00 |
| PO-304         | Recent American Political Theory         | 3.00 |
| PO-310         | Feminist Political Theory                | 3.00 |
| PO-311         | Peace & Jstc Iss Within Pol Thry         | 3.00 |
| PO-409         | Constitutional Law & Governmental Powers | 3.00 |

|                 |                                      |      |
|-----------------|--------------------------------------|------|
| PO-417          | Constitutional Law & Civil Liberties | 3.00 |
| <b>Group 10</b> |                                      |      |
| SO-208          | Sociology of Film                    | 3.00 |
| SO-224          | Black Hair and Identity in America   | 3.00 |
| SO-230          | Experiencing Social Issues I         | 3.00 |
| SO-236          | Families in Urban Settings           | 3.00 |
| SO-256          | Sociology of Sports                  | 3.00 |
| SO-345          | Sociology of Intimacy                | 3.00 |
| SO-370          | Urban Anthropology                   | 3.00 |
| SO-385          | Pple & Cult Nrth Amer: Nat Amrcns    | 3.00 |
| <b>Group 11</b> |                                      |      |
| TH-443          | Black Theology                       | 3.00 |
| TH-444          | Relig Story of the Amer People       | 3.00 |
| TH-496          | Theology and Urban Problems          | 3.00 |
| <b>Group 12</b> |                                      |      |
| UR-151          | The Contemporary City                | 3.00 |
| UR-201          | Contemporary Social Ideas            | 3.00 |
| UR-202          | Urban Music: Jazz to Hip-Hop         | 3.00 |
| UR-308          | Analysis of Urban Underclass         | 3.00 |
| UR-309          | Women in Changing Urban World        | 3.00 |
| UR-312          | Media and Urban Environment          | 3.00 |

### 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. Leonard J. Sciorra, *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

6 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 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.

### 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 Biological Chemistry

Leonard Sciorra, Ph.D., *Coordinator*

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

### Requirements for Biological Chemistry Major

#### Degree of Bachelor of Science

12 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 & Molecular Bio Lab                | 0  |
| BC-420              | Instructnl Meth: Biochemical Analysis I | 2  |
| BC-421              | Instruct Meth: Biochemical Analysis II  | 2  |
| BC-390              | Spec Topics: Biological Chem (Capstone) | 3  |
| CH-131              | General Chem and Qualitative Analysis I | 4  |
| CH-131L             | General Chemistry I Lab                 | 0  |
| CH-132              | General Chem and Qualitative Analysisii | 4  |
| CH-132L             | General Chemistry 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<br>or BC-492 | Biochemistry<br>Biological Chemistry    | 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       |   | 66 |

<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. E. Regina Giuliani, *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, Forensic Science, or Environmental Science.

#### Biology Concentration

12 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       | Anatomy and Physiology Lab                  | 0  |
| BI-240        | Cell and Molecular Biology                  | 4  |
| BI-240L       | Cell & Molecular Bio Lab                    | 0  |
| BI-350        | Genetics                                    | 4  |
| BI-350L       | Genetics Lab                                | 0  |
| BI-310        | Ecology                                     | 4  |
| BI-310L       | Ecology Lab 1                               | 0  |
| BI-           | Biology Electives (300-level or above)      | 11 |
| BI-490        | Biology Senior Capstone                     | 3  |
| CH-131        | General Chem and Qualitative Analysis I     | 4  |
| CH-131L       | General Chemistry I Lab                     | 0  |
| CH-132        | General Chem and Qualitative Analysisii     | 4  |
| CH-132L       | General Chemistry II Lab                    | 0  |
| MA-132        | Statistics for 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

12 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                      | Anatomy and Physiology Lab                  | 0 |
| BI-240                       | Cell and Molecular Biology                  | 4 |
| BI-240L                      | Cell & Molecular Bio Lab                    | 0 |
| BI-361                       | Criminalistics & Forensic Science           | 3 |
| BI-350                       | Genetics                                    | 4 |
| BI-350L                      | Genetics Lab                                | 0 |
| BI-450                       | Microbiology                                | 4 |
| BC-492/CH-442                | Biological Chemistry                        | 3 |
| BI-450L                      | Microbiology Lab                            | 0 |
| BT-429                       | Special Topics in Biotechnology             | 3 |
| CH-131                       | General Chem and Qualitative Analysis I     | 4 |
| CH-131L                      | General Chemistry I Lab                     | 0 |
| CH-132                       | General Chem and Qualitative Analysisii     | 4 |
| CH-132L                      | General Chemistry 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 |
| MA-132                       | Statistics for 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 & 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.

### Environmental Science Concentration

12 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-350  | Genetics                        | 4 |
| BI-350L | Genetics Lab                    | 0 |
| BI-430  | Ecology                         | 4 |
| BI-430L | Ecology Lab                     | 0 |
| BI-450  | Microbiology                    | 4 |

|               |   |    |
|---------------|---|----|
| BI-450L       | Microbiology Lab                            | 0  |
| BI-462        | Botany                                      | 3  |
| BI-470        | Invertebrate Zoology                        | 3  |
| BI-473        | Vertebrate Zoology                          | 3  |
| CH-131        | General Chem and Qualitative Analysis I     | 4  |
| CH-131L       | General Chemistry I Lab                     | 0  |
| CH-132        | General Chem and Qualitative Analysisii     | 4  |
| CH-132L       | General Chemistry II Lab                    | 0  |
| CH-251        | Organic Chemistry I                         | 4  |
| CH-251L       | Organic Chemistry I Lab                     | 0  |
| CH-252        | Organic Chemistry II                        | 4  |
| CH-251L       | Organic Chemistry I Lab                     | 0  |
| CH-347        | Elementary Physical Chemistry               | 4  |
| MA-132        | Statistics for 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  |
| BI-190        | Introduction to Environmental Science       | 3  |
| ES-195        | Environment of New Jersey                   | 3  |
| ES-251        | Geographic Information System               | 3  |
| ES-261        | Soils                                       | 3  |
| ES-370        | Junior Seminar                              | 1  |
| ES-491        | Internship                                  | 2  |
| ES-493        | Research Seminar (Capstone Experience)      | 1  |
| Total Credits |   | 80 |

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

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

### Special Notes 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 Anatomy and Physiology Lab |   |
| BI-240 & 240L  | Cell and Molecular Biology and Cell & Molecular Bio Lab             |   |
| BI-350 & 350L  | Genetics and Genetics Lab   |   |

|                  |                              |    |
|------------------|------------------------------|----|
| BI-310<br>& 310L | Ecology<br>and Ecology Lab 1 |    |
| 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**

100-level courses are offered for non-science majors to satisfy the Core Natural Science Requirement 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

12 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                      | 3  |
| BI-186        | General Biology II Lab <sup>1</sup>     | 1  |
| CH-131        | General Chem and Qualitative Analysis I | 4  |
| CH-131L       | General Chemistry I Lab                 | 0  |
| CH-132        | General Chem and Qualitative Analysisii | 4  |
| CH-132L       | General Chemistry 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                            | 3  |
| or BC-492     | Biological Chemistry                    |    |
| BC-420        | Instructnl Meth: Biochemical Analysis I | 2  |
| BC-421        | Instruct Meth: Biochemical Analysis II  | 2  |
| BI-240        | Cell and Molecular Biology              | 4  |
| BI-240L       | Cell & Molecular Bio Lab                | 0  |
| BI-350        | Genetics                                | 4  |
| BI-350L       | Genetics Lab                            | 0  |
| BT-420        | Biomedical Applications of DNA Tech     | 3  |
| BT-429        | Special Topics in Biotechnology         | 3  |
| BT-440        | Research in Biotechnology I             | 2  |
| BT-441        | Research in Biotechnology II            | 2  |
| MA-143        | Differential Calculus                   | 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 Core Mathematics Requirement.

### **Special Notes on the Core Requirements for Biotechnology Majors**

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

### **Special Notes 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. Karl C. Alorbi, *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

9 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 & Contracts                          | 3  |
| EC-101        | Macroeconomic Principles <sup>2</sup>                    | 3  |
| EC-102        | Microeconomic Principles                                 | 3  |
| PO-100        | Perspectives on Politics <sup>2</sup>                    | 3  |
| or SO-121     | Introduction to Sociology                                |    |
| EC-300        | Stats for Business & Economics                           | 3  |
| FN-401        | Intro 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

9 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 & Contracts       | 3  |
| EC-101        | Macroeconomic Principles <sup>2</sup> | 3  |
| EC-102        | Microeconomic Principles              | 3  |
| PO-100        | Perspectives on Politics <sup>2</sup> | 3  |
| or SO-121     | Introduction to Sociology             |    |
| EC-300        | Stats for Business & Economics        | 3  |
| FN-401        | Intro 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

9 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 & Contracts                          | 3  |
| EC-101        | Macroeconomic Principles <sup>2</sup>                    | 3  |
| EC-102        | Microeconomic Principles                                 | 3  |
| PO-100        | Perspectives on Politics <sup>2</sup>                    | 3  |
| or SO-121     | Introduction to Sociology                                |    |
| EC-300        | Stats for Business & Economics                           | 3  |
| FN-401        | Intro 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 & 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 & Innovatio | 3 |
| BA-380 | Integrated Marketing Communication       | 3 |
| BA-421 | Doing Business in Europe                 | 3 |
| BA-465 | Executive Seminar                        | 3 |

### Special Notes on core curriculum Requirements

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

- 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.
- Majors are allowed to take one BA minor. Courses taken towards the minor may not count towards the major.
- All BA majors are encouraged to participate in Co-ops and Internships (BA-295).

### 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  | 3.00 |
| BA-           | Electives from the list: Selected Business Electives          | 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  | 3  |
| BA-           | Electives from the list: Selected Business Electives          | 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                             | 3 |
| BA-    | Electives from the list: Selected Business Electives | 3 |



|               |   |    |
|---------------|---|----|
| BA-           | Elective at the 300-level or Above (cannot be double-counted) | 3  |
| <hr/>         |   |    |
| Total Credits |   | 18 |

## Department of Chemistry

Dr. Patricia Ann Redden, *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 Chem and Qualitative Analysis I              | 4  |
| CH-131L       | General Chemistry I Lab                              | 0  |
| CH-132        | General Chem and Qualitative Analysisii <sup>1</sup> | 4  |
| CH-132L       | General Chemistry 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        | Advanced Analytical Chemistry                        | 4  |
| CH-499        | Problems in Chemistry                                | 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 |  | 55 |

<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 Chem and Qualitative Analysis I <sup>1</sup> | 4 |
| CH-131L | General Chemistry I Lab                              | 0 |
| CH-132  | General Chem and Qualitative Analysisii <sup>1</sup> | 4 |
| CH-132L | General Chemistry 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              | Advanced Analytical Chemistry         | 4  |
| CH-499              | Problems in Chemistry                 | 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 & Forensic Science     | 3  |
| CH-442/BC-492       | Biochemistry                          | 3  |
| CJ-165              | Introduction to Criminology           | 3  |
| CJ-316              | Criminal Evidence                     | 3  |
| CJ-405              | Crime Investigation                   | 3  |
| CJ-406              | Homicide: Investigation & Prosecution | 3  |
| Total Credits       |                                       | 81 |

<sup>1</sup> May count towards the 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 & 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 Chem and Qualitative Analysis I <sup>1</sup> | 4 |
| CH-131L | General Chemistry I Lab                              | 0 |
| CH-132  | General Chem and Qualitative Analysisii <sup>1</sup> | 4 |
| CH-132L | General Chemistry 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 |

|               |                               |    |
|---------------|-------------------------------|----|
| or CH-347     | Elementary Physical Chemistry |    |
| Total Credits |                               | 24 |

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

## Collaborative Programs in Clinical Laboratory Sciences

Dr. Leonard Sciorra, *Coordinator*

Saint Peter's University and the University of Medicine and Dentistry of New Jersey 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 UMDNJ 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

12 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   | Anatomy and Physiology Lab                  | 0   |
| BI-240  | Cell and Molecular Biology                  | 4   |
| BI-240L   | Cell & Molecular Bio Lab                    | 0   |
| BI-450  | Microbiology                                | 4   |
| BI-450L   | Microbiology Lab                            | 0   |
| CH-131  | General Chem and Qualitative Analysis I     | 4   |
| CH-131L   | General Chemistry I Lab                     | 0   |
| CH-132  | General Chem and Qualitative Analysisii     | 4   |
| CH-132L   | General Chemistry II Lab                    | 0   |
| CH-251  | Organic Chemistry I                         | 4   |
| CH-251L   | Organic Chemistry I Lab                     | 0   |
| MA-132  | Statistics for 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

Footnotes

<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 the Concentration in Cytotechnology

Footnotes

- <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 Intro Computers & Information Processing.

Special Notes on Requirements for the Concentration in Medical Laboratory Science

Footnotes

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

## Department of Communication

Dr. Barna Donovan, *Chairperson*

The Communication 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       | 3         |
| Select one of the following:  |                                  | 3         |
| CU-275  | Public Speaking Workshop         |           |
| CU-277  | Strategies of Oral Communication |           |
| CU-255  | Ethics in Communications         | 3         |
| CU-400  | Research Writing                 | 3         |
| Communications Electives (choose 18 credits; see following description) |                                  | 18        |
| Outside concentration (choose 12 credits; see following description)    |                                  | 12        |
| <b>Total Credits</b>  |                                  | <b>48</b> |

#### Communications Major Electives

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

##### Writing and Publishing

|           |   |   |
|-----------|---|---|
| CU/JN-210 | Writer's Workshop                         | 3 |
| CU-221    | Intro to Publishing Industry              | 3 |
| CU-310    | Advanced Newswriting & Editing Workshop   | 3 |
| CU-315    | Business and Professional Communication   | 3 |
| CU-321    | Book Editing & Publishing Workshop        | 3 |
| CU-340    | Sportswriting                             | 3 |
| CU-419    | Magazine Writing, Writing for Publication | 3 |
| JN-355    | Video Journalism                          | 3 |
| JN-410    | Investigative Journalism & Advanced Feat  | 3 |
| JN-212    | Media Principles & Practices              | 3 |

##### Media Business

|           |                               |   |
|-----------|-------------------------------|---|
| CU-302    | Digital Audio Production      | 3 |
| CU-213    | Advertising and the New Media | 3 |
| CU-218    | Media Business                | 3 |
| CU/BA-241 | Advertising Management        | 3 |
| CU-247    | Marketing Communications      | 3 |
| CU-260    | Radio Station                 | 3 |
| CU-261    | Radio Station II              | 3 |
| CU-270    | Broadcast Studies             | 3 |
| CU-274    | Media: Behind the Scenes      | 3 |
| CU-281    | Media Literacy                | 3 |
| CU-350    | Public Relations              | 3 |
| CU/WS-285 | Gender & Communication        | 3 |

##### Film History and Criticism

|        |               |   |
|--------|---------------|---|
| CU-190 | Intro to Film | 3 |
|--------|---------------|---|

|           |                    |   |
|-----------|--------------------|---|
| CU-228    | Asian Film         | 3 |
| CU/EL-293 | Today's Film Scene | 3 |
| CU-256    | The Horror Film    | 3 |
| CU-423    | The American Film  | 3 |
| CU-306    | The Animated Film  | 3 |

### Communications 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

CU-295, CU-495 and CU-496 are internship courses offered in conjunction with the Center for Experiential Learning & 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 Communications major, and students must also maintain a 2.5 cumulative average in all CU courses in order to graduate with a Communications major.

### Requirements for the Minor in Communications

|   |   |    |
|---|---|----|
| CU-202  | Media Communications I                  | 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                        |    |
| Select one of the following speaking courses: |   | 3  |
| CU-275  | Public Speaking Workshop                |    |
| CU-277  | Strategies of Oral Communication        |    |
| CU-   | 3 CU-electives                          | 9  |
| Total Credits                                 |   | 18 |

### Requirements for the Minor in Journalism

|               |  |    |
|---------------|--|----|
| CU-205        | News Writing and Reporting               | 3  |
| CU-310        | Advanced Newswriting & Editing Workshop  | 3  |
| CU/JN-210     | Writer's Workshop                        | 3  |
| JN-212        | Media Principles & Practices             | 3  |
| JN-410        | Investigative Journalism & Advanced Feat | 3  |
| JN-           | JN Elective                              | 3  |
| Total Credits |  | 18 |

### Special Notes 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

Donal T. MacVeigh, S.J., *Chairperson*

The Department of Computer and Information Sciences offers four programs leading towards the Bachelor of Science degree in Computer Science. Student may concentrate in Computer Information Systems, Management Information Systems, Computer Science, or E-commerce. 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 majoring in Criminal Justice, the Department offers a concentration in Computer Science and Crime Forensics. The Department faculty also participates in the M.B.A in Management Information Systems.

### 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. Programming and programming 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     | Fund Comp Prog: Html Javascript C++                                    | 3  |
| CS-231        | Introduction to C++  | 3  |
| CS-232        | Advanced Programing Techniques Using C++                               | 3  |
| IS-410        | Total Business Info 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 Busin   | 3  |
| IS-           | IS Electives-IS-230 or higher <sup>2</sup>                             | 9  |
| CS/IS-        | CS or IS Electives (IS-230 or higher OR CS-400 or higher) <sup>2</sup> | 6  |
| Total Credits |  | 48 |

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

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

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

<sup>1</sup> Major in CS/CIS may not use CS or IS courses for the Natural Science Core 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-232 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/Management Information Systems

### Degree of Bachelor of Science

This option is designed for those interested in working in organizations as systems analysts, knowledgeable not only in CS technology, but also in its use to address organizational information needs.

|               |  |    |
|---------------|--|----|
| CS/IS-180     | Fund Comp Prog: Html Javascript C++                                    | 3  |
| CS-231        | Introduction to C++  | 3  |
| CS-232        | Advanced Programing Techniques Using C++                               | 3  |
| IS-270        | Report Generating Software for Managers                                | 3  |
| IS-380        | Data Base Concepts   | 3  |
| IS-410        | Total Business Info Systems  | 3  |
| AC-151        | Principles of Accounting I   | 3  |
| AC-152        | Principles of Accounting II  | 3  |
| BA-151        | Principles of Management   | 3  |
| BA-155        | Principles of Marketing  | 3  |
| EC-300        | Stats for Business & Economics <sup>1</sup>                            | 3  |
| MA-216        | Computer Mathematics   | 3  |
| IS-           | IS Electives - IS-230 or higher <sup>2</sup>                           | 6  |
| CS or IS-     | CS or IS Electives - IS-230 or higher OR CS-400 or higher <sup>2</sup> | 6  |
| Total Credits |  | 48 |

<sup>1</sup> If the prerequisites are satisfied, one of the following may be taken in place of EC-300:

- MA-212 Elementary Statistics
- MA-335 Probability Theory
- PS-200 Statistics & Research Methods
- SO-448 Stats in the Social Sciences

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

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

<sup>1</sup> Take either sequence: MA-123 and MA-124 Elementary Calculus I and II, or MA-105 and MA-106 Elementary Applied Math; Introduction to Probability and Statistics for the Mathematics Requirement. These courses may not be taken on a Pass/Fail basis.

<sup>2</sup> Majors in CS/MIS may not use CS or IS courses for the Natural Science Core Requirement.

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

<sup>1</sup> A student must maintain a 2.0 average in the CS-231 and CS-232 sequence to continue as a computer science major.

<sup>2</sup> It is suggested that students take BA-151 and BA-155 before registering for EC-300.

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

## 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 take 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                                     | Fund Comp Prog: Html Javascript C++   | 3     |
| CS-231  | Introduction to C++   | 3     |
| CS-232  | Advanced Programing Techniques Using C++  | 3     |
| CS-355  | Found 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> |   | 0-2   |
| CS-   | CS Electives: choose 2 courses from CS-237 or CS-400-level  | 6     |
| CS/IS-  | CS/IS Electives: choose 3 courses from CS-400-level, IS-400-level, or (either CS-295 or IS-230 or higher; both of these choices cannot be taken to satisfy this category) | 9     |
| Total Credits                                 |   | 54-56 |

<sup>1</sup> May count towards 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 Natural Science Core Requirement. Laboratories must be taken with the two courses chosen to satisfy the Natural Science Core Requirement.
- <sup>3</sup> One CS/IS elective may be CS-295 or IS-230 or higher.

### Special Notes on Major Requirements for Computer Science Major/Computer Science Major/Computer Science option

- <sup>1</sup> A student must maintain a 2.0 average in the CS-231 and CS-232 sequence in order to continue as a computer science major.
- <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 Computer Science major/E-Commerce Option

### Degree of Bachelor of Science

This option is designed for those who wish to work in the field of E-Commerce technology. This option provides the foundation of the network and system architectures that support business to consumer portals and provides insight into the structure of the modern web-enabled storefront and its integration with "back-office" business applications.

|           |                                     |   |
|-----------|-------------------------------------|---|
| CS/IS-180 | Fund Comp Prog: Html Javascript C++ | 3 |
| CS-231    | Introduction to C++                 | 3 |
| IS-380    | Data Base Concepts                  | 3 |

|               |  |    |
|---------------|--|----|
| IS-455        | E-Commerce Website Constuction   | 3  |
| IS-415        | E-Commerce   | 3  |
| IS-251        | Web Page Development   | 3  |
| IS-451        | Adv Web Page Development   | 3  |
| IS-481        | Computer Security  | 3  |
| BA-151        | Principles of Management   | 3  |
| BA-155        | Principles of Marketing  | 3  |
| BA-340        | E-Business   | 3  |
| MA-216        | Computer Mathematics   | 3  |
| IS--          | IS Electives - IS-230 or higher <sup>1</sup>                           | 6  |
| IS/-CS-       | CS or IS electives - IS-230 or higher OR CS-400 or higher <sup>1</sup> | 6  |
| Total Credits |  | 48 |

<sup>1</sup> IS-295 Co-op may be counted as only one Information Science elective.

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

- <sup>1</sup> Take MA-123 Elementary Calculus I and MA-124 Elementary Calculus II or MA-105 Elementary Applied Mathematics and MA-106 Introduction to Probability & Statistics for the Core Mathematics Requirement.
- <sup>2</sup> Majors in CS/E-Commerce may not use CS or IS courses for the Natural Science Core Requirement.

### Special Notes on Major Requirements for Computer Science Major/E-Commerce Option

- <sup>1</sup> CS/EC majors are encouraged to study a commercially popular programming language such as C#, Visual Basic, or Java.
- <sup>2</sup> CS/CJ-Cryptology is also recommended.

### Requirements for Criminal Justice Major with a Concentration in Computer Science and Crime Forensics

For details about this program see the Criminal Justice Department.

### Requirements for Minor in Management Information Systems

Students Majoring in CS or IS are not eligible for this minor.

|               |                     |    |
|---------------|---------------------|----|
| IS-           | IS Electives        | 15 |
| IS or CS      | IS- or CS- elective | 3  |
| Total Credits |                     | 18 |

### Requirements for Minor in Computer Science

Students majoring in CS or IS 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. Raymond R. Rainville, *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  | Intro 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     |
| 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               |       |
| CJ-350  | Research Techniques & 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 concentrations and take 9 credits in that concentration, except for the Computer Science and Crime Forensics Concentration, take 12 credits |   | 9-12  |
| Total Credits   |   | 48-51 |

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

### Special Notes on Requirements for Criminal Justice Majors

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

### Law and Justice Concentration

Select three of the following: 9

|                     |                                       |
|---------------------|---------------------------------------|
| CJ-290              | Comparative Justice Systems           |
| CJ-486<br>or CJ-487 | Internship I<br>Internship II         |
| CJ-222              | Family Law                            |
| UR/AS-320           | Urban Legal Issues                    |
| CJ-390              | Criminal Law                          |
| UR/AS-333           | Black Community and the Law           |
| CJ-258              | Criminal Justice Ethics               |
| PO-477              | International Law                     |
| CJ-485              | Child Protection Agencies and the Law |
| PO-417              | Constitutional Law & Civil Liberties  |

|               |                                       |   |
|---------------|---------------------------------------|---|
| CJ-406        | Homicide: Investigation & 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                          |   |
| CJ-487                         | Internship II                         |   |
| CJ-222                         | Family Law                            |   |
| Total Credits                  |                                       | 9 |

### Police Administration Concentration

|                              |                                 |   |
|------------------------------|---------------------------------|---|
| CJ-175                       | Intro 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                         | Intro 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 & 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                       | Intro to Forensics Techniques |   |
| CJ-358                       | White Collar Crime            |   |

|               |                               |   |
|---------------|-------------------------------|---|
| CJ-486        | Internship I                  |   |
| CJ-487        | Internship II                 |   |
| CJ-419        | Terrorism & Threat Assessment |   |
| Total Credits |                               | 9 |

### Computer Science and Crime Forensics Concentration

|                                |  |    |
|--------------------------------|--|----|
| CS-150                         | Intro Computers & Information Processing | 3  |
| Select three of the following: |  | 9  |
| CS-260                         | Computer Ethics                          |    |
| CJ-418                         | Intro to Forensics Techniques            |    |
| CS-495                         | Cryptology                               |    |
| Total Credits                  |  | 12 |

### Requirements for a Minor in Criminal Justice

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

### Special Notes on Requirements for Criminal Justice Majors

<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 offers a majors in economics and mathematical economics and a minor in economics.

### 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        | Stats for Business & Economics           | 3  |
| EC-496        | Senior Seminar in Economics              | 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.

### 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        | Stats for Business & Economics           | 3  |
| EC-496        | Senior Seminar in Economics              | 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 & 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.

### 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  |
| MA-123        | Elementary Calculus I <sup>2</sup>       | 3  |
| MA-124        | Elementary Calculus II <sup>2</sup>      | 3  |
| EC-252        | Intermediate Macroeconomics              | 3  |
| EC-300        | Stats for Business & Economics           | 3  |
| EC-301        | Mathematical Economics                   | 3  |
| EC-302        | Elements of Econometrics                 | 3  |
| EC-303        | Linear Programming for Econ              | 3  |
| or MA-382     | Mathematical Modeling                    |    |
| EC-496        | Senior Seminar in Economics              | 3  |
| EC/FN         | Economics/Finance Electives <sup>3</sup> | 9  |
| MA-218        | Quantitative Methods for Busin           | 3  |
| Total Credits |  | 45 |

<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.

### Special Note on Core Curriculum Requirements for Economics and Mathematical Economics Majors

CS-150 Intro Computers & Information Processing is recommended to satisfy part of the Natural Science Core Requirements.

### Special Note on Major Requirements for Economics 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> Students cannot receive credit towards the major for both FN-401 and FN-410. Only one of these courses will count towards the satisfaction of the upper level course requirements.

<sup>4</sup> Students doing honors theses in economics need not take the capstone course for the major (EC-496).

### Requirements for Minor in Economics

|               |  |    |
|---------------|--|----|
| EC-101        | Macroeconomic Principles   | 3  |
| EC-102        | Microeconomic Principles   | 3  |
| EC-           | Economics electives: EC-251 or EC-252 or any EC- 300-level or above) | 12 |
| Total Credits |  | 18 |

### Requirements for a Minor 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  |
| Select four of the following: |                          | 12 |
| FN-410                        | Business Finance         |    |
| FN-411                        | Financial Management     |    |
| FN-412                        | Investment Analysis      |    |
| FN-415                        | International Finance    |    |

|               |                          |    |
|---------------|--------------------------|----|
| EC-420        | Money Credit and Banking |    |
| Total Credits |                          | 18 |

## Department of English

Dr. Kathleen N. Monahan, *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   | 3  |
| EL-134  | Fiction   | 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 3 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 |

#### Special Note on English Literature Major Requirements

- Group designations may be found in the course listings.
- 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. Patricia Redden, *Director*

The Environmental Studies Program Offers a major in Environmental Studies and a choice of three concentrations within the major: Communications and Media, Interdisciplinary Studies, and Social Sciences.

### Requirements for Environmental Studies Major Bachelor of Science Degree

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

|  |  |       |
|--|--|-------|
| EV-100   | Introduction to Environmental Studies <sup>1</sup>   | 3-4   |
| or EV-101                                      | Intro to the Environment: Forestry                   |       |
| BI-183   | General Biology I <sup>1</sup>                       | 3     |
| BI-185   | General Biology I Lab                                | 1     |
| BI-184   | General Biology II                                   | 3     |
| BI-186   | General Biology II Lab                               | 1     |
| Choose one sequence                            |  | 8     |
| Sequence 1                                     |  |       |
| CH-125   | Environmental Chemistry I                            |       |
| & CH-126                                       | Environmental Chemistry II                           |       |
| Sequence 2                                     |  |       |
| CH-131   | General Chem and Qualitative Analysis I              |       |
| & CH-132                                       | and General Chem and Qualitative Analysisii          |       |
| MA-105   | Elementary Applied Mathematics (3 or 4) <sup>2</sup> | 3-4   |
| or MA-133                                      | Calculus for the Life Sciences                       |       |
| MA-132   | Statistics for Life Sciences <sup>2</sup>            | 3     |
| EV-200   | Economics of Environmental Decisions                 | 3     |
| PO-xxx   | Introduction to Environmental Politics               | 3     |
| EV-300   | Ethics Theology & Environmental Decisio              | 3     |
| EV-350   | Environmental Internship                             |       |
| EV-400   | Sustainability:a Plan for a Better Futur             | 3     |
| Select three courses in selected concentration |  | 9     |
| Total Credits                                  |  | 46-48 |

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

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

#### Special Notes on Core Requirements for Environmental Studies Majors

<sup>1</sup> EC-100 Introduction to Economics and PO-100 Perspectives on Politics are recommended for the Social Science Requirement.

#### Special Notes on Concentrations in the Environmental Studies Major

<sup>1</sup> Decisions on the choice of concentration and individual courses should be made after consultation with the faculty advisor.

### Communications and Media Concentration

Select three of the following:

|        |                             |   |
|--------|-----------------------------|---|
| CU-202 | Media Communications I      | 9 |
| CU-350 | Public Relations            |   |
| PO-262 | Political Influence of Film |   |

|        |  |
|--------|--|
| JN-410 | Investigative Journalism & Advanced Feat |
| PS-220 | Social Psychology                        |

### Interdisciplinary Studies Concentration

Select three of the following: 9

|        |                                |
|--------|--------------------------------|
| AR-253 | Environmental Art & Issues     |
| BI-126 | The Human Environment          |
| BI-127 | Contemporary Topics in Biology |
| BI-130 | Natural History of New Jersey  |
| PL-241 | Environmental Ethics           |

### Social Science Concentration

Select three of the following: 3

|        |                             |
|--------|-----------------------------|
| IS-380 | Data Base Concepts          |
| PO-262 | Political Influence of Film |
| PS-380 | Human Factors               |

## 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                | Intro to the Visual Arts <sup>1</sup>                       | 3  |
| AR-211                | Renaissance Art I   | 3  |
| AR-212                | Renaissance Art II  | 3  |
| AR-210                | Art in the Museums  | 3  |
| or AR-425             | Women in Art  |    |
| AR-215                | Medieval Art  | 3  |
| AR-229                | Baroque Art   | 3  |
| AR-231                | Egyptian Art  | 3  |
| AR-240                | Cultural Diversity in Art                                   | 3  |
| or AR-384             | Art and Buddhism  |    |
| or AR-386             | Art and Hinduism  |    |
| AR-335<br>& AR-336    | Art Apprec (Aesthetics) I<br>and Art Apprec (Aesthetics) II | 6  |
| or AR-355<br>& AR-356 | The Nude in Art<br>and Gods& Athletes: Greek& Rom Art       |    |
| 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                                | Intro to the Visual Arts <sup>1</sup> | 3  |
| AR-128                                | Intro to Music                        | 3  |
| Art History Electives                 |                                       | 9  |
| Visual Arts Workshop-Studio Electives |                                       | 9  |
| Music Electives                       |                                       | 9  |
| Fine Arts Electives                   |                                       | 6  |
| Total Credits                         |                                       | 39 |

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

### 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                 | Intro to the Visual Arts <sup>1</sup>                 | 3  |
| AR-160                 | Drawing & Composition Workshop                        | 3  |
| AR/CU-214<br>or AR-159 | Art Advertising and Design<br>Commercial Art Workshop | 3  |
| AR-220                 | Introduction to Computer Art                          | 3  |
| AR-232                 | Art and Desktop Publishing                            | 3  |
| AR-350                 | Typography  | 3  |
| AR-366                 | Tools of Graphic Art                                  | 3  |
| AR-368                 | Graphic Design  | 3  |
| AR-430                 | Sr Thesis:project&portfolio Presentation              | 3  |
| Fine Arts Electives    |   | 12 |
| Total Credits          |   | 39 |

<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              | Intro 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-224              | Digital Imaging With Photoshop           | 3  |
| AR-232              | Art and Desktop Publishing               | 3  |
| AR-337              | Advanced Photography                     | 3  |
| AR-361              | Color Photography I                      | 3  |
| AR-430              | Sr Thesis:project&portfolio Presentation | 3  |
| Fine Arts Electives |  | 9  |
| Total Credits       |  | 36 |

<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   | Intro to the Visual Arts (counts for Fine Arts Core Requirement) <sup>1</sup> | 3  |
| Visual Arts Workshop-Studio Electives                |   | 21 |
| Art History Upper-level (AR-200 or higher) Electives |   | 9  |
| Two Fine Arts Electives                              |   | 6  |
| Total Credits  |   | 39 |

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

## Requirements for Graphic Arts Minor

|                        |   |   |
|------------------------|---|---|
| AR/CU-214<br>or AR-159 | Art Advertising and Design<br>Commercial Art Workshop | 3 |
| AR-220                 | Introduction to Computer Art                          | 3 |



|               |                     |    |
|---------------|---------------------|----|
| AR-           | Fine Arts Electives | 12 |
| Total Credits |                     | 18 |

### Requirements for Music Minor

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

### Requirements for Theater Arts Minor

|               |                            |    |
|---------------|----------------------------|----|
| AR-175        | Acting Workshop I          | 3  |
| AR-176        | Acting Workshop II         | 3  |
| AR/EL-420     | New York Theatre Live      | 3  |
| AR-256        | Theatre Performance I      | 1  |
| AR-257        | Theatre Performance II     | 1  |
| AR-258        | Theatre Performance III    | 1  |
| AR-265        | Sightsinging I             | 3  |
| AR-266        | Sightsinging Techniques II | 3  |
| Total Credits |                            | 18 |

### Requirements for Visual Arts Minor

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

### Requirements for Art History Minor

|   |                                  |    |
|---|----------------------------------|----|
| Art History Electives                     |                                  | 6  |
| 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 Apprec (Aesthetics) I        |    |
| AR-336                                    | Art Apprec (Aesthetics) II       |    |
| or  |                                  |    |
| AR-355                                    | The Nude in Art                  |    |
| AR-356                                    | Gods & Athletes: Greek & Rom Art |    |
| Total Credits                             |                                  | 18 |

## Health and Physical Education

Dr. Stephanie Bryan, Director

This major is offered through the School of Education.

Students desiring a teaching certificate preparation program should include a series of courses offered through the School of Education. These courses would be part of the Minor in Secondary Education. The Health and Physical Education Program also 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.

### Requirements for the Health and Physical Education Major

#### Degree of Bachelor of Science

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

|               |  |    |
|---------------|--|----|
| BI-122        | Nutrition in Health & Disease <sup>1</sup> | 3  |
| HE-271        | Concepts of Public Health                  | 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  |
| PE-103        | Prin & Found of Phys Education             | 3  |
| PE-240        | Teaching of Skills Activities I            | 3  |
| PE-241        | Teaching of Skills Activities II           | 3  |
| PE-310        | Kinesiology                                | 3  |
| PE-352        | Exercise Physiology                        | 3  |
| BI-486        | Current Issues in Health Education         | 3  |
| PE-410        | Legal & Ethical Issues in Sports           | 3  |
| PE-255        | Fitness and Wellness                       | 3  |
| PE-311        | Biomechanics                               | 3  |
| PS-151        | Introduction to Psychology                 | 3  |
| HE-           | 2 HE- courses                              | 6  |
| PE-           | 2 PE- courses                              | 6  |
| Total Credits |  | 56 |

<sup>1</sup> May count towards Natural Science 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 Poli, *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. Students who successfully complete the four-year program are granted a Bachelor of Science Degree in Health Information Management jointly by UMDNJ and Saint Peter's University. The Program involves eight semesters plus two summer sessions of coursework, including four semesters plus one summer session offered at the UMDNJ 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 UMDNJ. By May 1, of their sophomore year at Saint Peter's University, students must apply to the School of Health Related Professions at UMDNJ. 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 UMDNJ. After acceptance at the School of Health Related Professions, which is decided solely by UMDNJ, students begin their coursework at UMDNJ during the summer after their sophomore year at Saint Peter's. Requirements for the joint degree may change at the discretion of UMDNJ.

### Requirements for a Joint Health Information Management Major

#### Joint Degree of Bachelor of Science

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

|   |   |    |
|---|---|----|
| MA-132  | Statistics for Life Sciences <sup>1</sup>   | 3  |
| MA-133  | Calculus for the Life Sciences <sup>1</sup> | 4  |
| BI-183  | General Biology I <sup>2</sup>              | 3  |
| BI-185  | General Biology I Lab                       | 1  |
| BI-184  | General Biology II <sup>2</sup>             | 3  |
| BI-186  | General Biology II Lab                      | 1  |
| BI-171  | Anatomy and Physiology I                    | 4  |
| BI-171L   | Anatomy and Physiology I Lab                | 0  |
| BI-172  | Anatomy and Physiology II                   | 4  |
| BI-172L   | Anatomy and Physiology II Lab               | 0  |
| AC-151  | Principles of Accounting I                  | 3  |
| BA-151  | Principles of Management                    | 3  |
| CS-150  | Intro Computers & Information Processing    | 3  |
| Credits to be transferred in from UMDNJ from the professional program of study. |   | 61 |
| Total Credits   |   | 93 |

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

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

Credits to be transferred in from UMDNJ from the professional program of study.

## **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 program in 2 years, students will need to take summer courses or take more than 15 credits for several semesters.
- <sup>3</sup> The credits transferred in from UMDNJ must be for courses for the major specified by UMDNJ.

## Department of History

Jerome J. Gillen, Ph. D., *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 Amer Hist I                             | 3  |
| HS-232                       | Main Currents in Amer Hist II                            | 3  |
| Select one of the following: |  | 3  |
| HS-                          | Group A: Pre-Modern World History Elective               |    |
| 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  | 12 |
| HS-499                       | The Tuleja Seminar                                       | 3  |
| Total Credits                |  | 39 |

<sup>1</sup> Counts towards 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         | 3  |
| HS-122        | World Perspectives in History | 3  |
| or HS-123     | Special Topics in History     |    |
| HS-           | History Electives             | 12 |
| Total Credits |                               | 18 |

## Honors Program

Dr. Rachel Wifall, *Director*

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

### Admission to the Program

Freshman enrollment in the Honors Program is by invitation and based upon SAT scores and high school grade point average. Students who have earned 15 or more credits at the College 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. All interested students are encouraged to seek admission to the 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, 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 College 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 both a major and a minor in Latin American and Latino Studies that give students a broad understanding of Latin-American cultures and societies and the experiences of Latinos in the United States. The major and minor include courses from a range of departments including, but not limited to Business, Economics, Fine Arts, History, Modern Languages, Political Science, Sociology and Urban Studies and Social Justice.

### Requirements for Latin American Studies Major

#### Degree of Bachelor of Arts

6 credits may count towards the Core Curriculum Requirements.

|               |                                     |    |
|---------------|-------------------------------------|----|
| LS-101        | Intro Latin Amer & Latino Stud      | 3  |
| SP-           | Two courses in Spanish <sup>1</sup> | 6  |
| LS-           | Six LS electives                    | 18 |
| LS-           | 400 level <sup>2</sup>              | 3  |
| Total Credits |                                     | 30 |

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

<sup>2</sup> Course in which student can complete a thesis/paper that focuses on material related to the Latin American and Latino Studies curriculum.

### Requirements for a Minor in Latin American and Latino Studies

|               |   |    |
|---------------|---|----|
| LS-101        |   | 3  |
| LS/SP-        | Four electives with LS- or SP- prefixes | 12 |
| LS-           | 400 level <sup>1</sup>                  | 3  |
| Total Credits |   | 18 |

<sup>1</sup> Course in which students can complete a thesis/paper that focuses on material related to the Latin American and Latino Studies curriculum.

Minors are encouraged to fulfill their language requirement in Spanish.

## Department of Mathematics

Dr. Michael B. Sheehy, *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                       | 4  |
| MA-274        | Multivariable Calculus II                      | 4  |
| MA-335        | Probability Theory                             | 3  |
| MA-375        | Advanced Calculus                              | 3  |
| or MA-377     | Ordinary Differential Equation                 |    |
| MA-382        | Mathematical Modeling                          | 3  |
| or MA-385     | Topics in Applied Mathematics                  |    |
| MA-441        | Modern Algebra                                 | 3  |
| MA-490        | Senior Seminar in Mathematics                  | 3  |
| MA            | Three Mathematics Electives (MA-335 or higher) | 9  |
| Total Credits |  | 47 |

<sup>1</sup> Counts towards the Mathematics core 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 Fund Comp Prog: Html Javascript C++. Mathematics majors are encouraged to take PC-186 as well.
- <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 & Statistics.
- <sup>5</sup> Completion of the Mathematics Core Requirement is prerequisite for any mathematics course 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.



### 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<br>& MA-124 | Elementary Calculus I<br>and Elementary Calculus II                |
| MA-132<br>& MA-133 | Statistics for Life Sciences<br>and Calculus for the Life Sciences |
| MA-143<br>& MA-144 | Differential Calculus<br>and Integral Calculus                     |

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 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 G.P.A. of 2.5 in their major courses in order to be awarded their degree.

### Requirements for Major in Spanish

#### Degree of Bachelor of Arts

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

|  |   |
|--|---|
| Select one of the following sequences: | 6   |
| SP-133<br>& SP-134                     | Intermediate Spanish I<br>and Intermediate Spanish II <sup>1</sup>                                |
| SP-135<br>& SP-136                     | Interm Spanish for Native Speakers I<br>and Intermediate Spanish: 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 Lit. 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: | 6  |
| LA-113<br>& LA-114                     | Elementary Latin I<br>and Elementary Latin II <sup>1</sup>     |
| LA-157<br>& LA-158                     | Intermediate Latin I<br>and Intermediate Latin II <sup>1</sup> |
| Select one of the following sequences: | 6  |

|                    |   |    |
|--------------------|---|----|
| GK-111<br>& GK-112 | Elementary Attic Greek I<br>and Elementary Attic Greek II |    |
| GK-221<br>& GK-222 | Intermediate Greek I<br>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<br>& LA-114 | Elementary Latin I<br>and Elementary Latin II <sup>1</sup>     |  |
| LA-157<br>& LA-158 | Intermediate Latin I<br>and Intermediate Latin II <sup>1</sup> |  |

Select one of the following sequences: 6

|                    |   |    |
|--------------------|---|----|
| GK-111<br>& GK-112 | Elementary Attic Greek I<br>and Elementary Attic Greek II |    |
| GK-221<br>& GK-222 | Intermediate Greek I<br>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<br>& FR-134 | Intermediate French I<br>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 Notes 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<br>& IT-134 | Intermediate Italian I<br>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 Notes 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<br>& SP-134                     | Intermediate Spanish I<br>and Intermediate Spanish II <sup>1</sup>                                |    |
| SP-135<br>& SP-136                     | Interm Spanish for Native Speakers I<br>and Intermediate Spanish: 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 Lit. II   | 3  |
| <hr/> 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.

## Requirement for Minor in Classical Civilization

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

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

## Requirement for Minor in Classical Languages

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

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. A.P. 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 A.P. 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 C.L.E.P. 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              | Anatomy and Physiology Lab           | 0         |
| BI-240               | Cell and Molecular Biology           | 4         |
| BI-240L              | Cell & Molecular Bio Lab             | 0         |
| BI-350               | Genetics                             | 4         |
| BI-350L              | Genetics Lab                         | 0         |
| BI-430               | Ecology                              | 4         |
| BI-430L              | Ecology Lab                          | 0         |
| <b>Total Credits</b> |                                      | <b>24</b> |

##### Chemistry

|         |   |   |
|---------|---|---|
| CH-131  | General Chem and Qualitative Analysis I | 4 |
| CH-131L | General Chemistry I Lab                 | 0 |
| CH-132  | General Chem and Qualitative Analysisii | 4 |
| CH-132L | General Chemistry 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-347        | Elementary Physical Chemistry | 4  |
| Total Credits |                               | 24 |

**Computer Science**

|               |   |    |
|---------------|---|----|
| CS/IS-180     | Fund Comp Prog: Html Javascript C++                         | 3  |
| CS-231        | Introduction to C++   | 3  |
| CS-232        | Advanced Programing Techniques Using C++                    | 3  |
| CS/IS-        | 5 CS or IS Electives (CS-200 or higher or IS-300 or higher) | 15 |
| 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 & Molecular Bio Lab   | 0  |
| BI-350        | Genetics                   | 4  |
| BI-350L       | Genetics Lab               | 0  |
| Total Credits |                            | 16 |

**Chemistry**

|               |   |    |
|---------------|---|----|
| CH-131        | General Chem and Qualitative Analysis I | 4  |
| CH-131L       | General Chemistry I Lab                 | 0  |
| CH-132        | General Chem and Qualitative Analysisii | 4  |
| CH-132L       | General Chemistry II Lab                | 0  |
| CH-           | 2 CH Electives, CH-133 or higher        | 6  |
| Total Credits |   | 14 |

**Computer Science**

|               |   |    |
|---------------|---|----|
| CS/IS-180     | Fund Comp Prog: Html Javascript C++                         | 3  |
| CS-231        | Introduction to C++   | 3  |
| CS-232        | Advanced Programing Techniques Using C++                    | 3  |
| CS/IS-        | 2 CS or IS Electives (CS-200 or higher or IS-300 or higher) | 6  |
| Total Credits |   | 15 |

**Physics**

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

**Psychology**

|  |  |    |
|--|--|----|
| PS-151   | Introduction to Psychology   | 3  |
| PS-200   | Statistics & Research Methods  | 3  |
| PS-205   | Experimental Psychology  | 3  |
| Choose one of the following courses with capstone laboratory |  | 6  |
| PS-305<br>& PS-306   | Tests & Measurements<br>and Capstone: Seminar Lab Tests & Measure                                    |    |
| PS-310<br>& PS-311   | Social Experimental Psychology<br>and Capstone: Seminar Lab Social Experiment                        |    |
| PS-320<br>& PS-321   | Learning<br>and Capstone: Seminar & Lab in Learning  |    |
| PS-330<br>& PS-331   | Sensation and Perception<br>and Capstone: Sem Lab Sensation Perception Lab in Sensation & Perception |    |
| PS-350<br>& PS-351   | Cognitive Processes<br>and Capstone: Sem & Lab in Cognitive Process                                  |    |
| PS-355<br>& PS-356   | St in Contemporary: Change Title<br>and Capstone: Sem & Lab ST Contemporary                          |    |
| PS-380<br>& PS-381   | Human Factors<br>and Capstone: Sem & Lab Human Factors   |    |
| PS-390<br>& PS-391   | Virtual Reality<br>and Capstone: Sem & Lab in Virtual Reality  |    |
| PS-430<br>& PS-431   | Industrial-Organizational Psy<br>and Capstone: Lab & Sem Industr Org Psych                           |    |
| PS-485<br>& PS-486   | Memory<br>and Capstone: Lab & Seminar in Memory  |    |
| PS-480<br>& PS-481   | Special Topics in Psychology<br>and Capstone: Seminar & Lab St                                       |    |
| Total Credits  |  | 15 |

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

|        |                       |   |
|--------|-----------------------|---|
| BI-183 | General Biology I     | 3 |
| BI-185 | General Biology I Lab | 1 |
| BI-184 | General Biology II    | 3 |



|               |                        |   |
|---------------|------------------------|---|
| BI-186        | General Biology II Lab | 1 |
| Total Credits |                        | 8 |

**Chemistry**

|               |   |   |
|---------------|---|---|
| CH-131        | General Chem and Qualitative Analysis I | 4 |
| CH-131L       | General Chemistry I Lab                 | 0 |
| CH-           | 1 CH Elective, CH-133 or higher         | 3 |
| Total Credits |   | 7 |

**Computer Science**

|                            |   |   |
|----------------------------|---|---|
| CS/IS-180                  | Fund Comp Prog: Html Javascript C++     | 3 |
| Choose 1 of the following: |   | 3 |
| CS-231                     | Introduction to C++                     |   |
| IS-270                     | Report Generating Software for Managers |   |
| 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 & 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. Philosophy as part of a double-major is especially encouraged.

### Requirements for Philosophy Major

#### Degree of Bachelor of Arts

|               |                            |    |
|---------------|----------------------------|----|
| PL-100        | Intro. to Philosophy I     | 3  |
| PL-101        | Intro. to Philosophy II    | 3  |
| PL-153        | Logic                      | 3  |
| PL-232        | Philosophy of Human Nature | 3  |
| PL-240        | General Ethics             | 3  |
| PL-xxx        | Senior Seminar             | 3  |
| PL-xxx        | Philosophy Electives       | 18 |
| Total Credits |                            | 36 |

#### 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 student's philosophy advisor.
- <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        | Intro. to Philosophy I  | 3  |
| PL-101        | Intro. to Philosophy II | 3  |
| PL-           | Philosophy Electives    | 12 |
| Total Credits |                         | 18 |

## Physics Program

Dr. Leonard J. Sciorra, *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

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

|                              |   |    |
|------------------------------|---|----|
| 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: |   | 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                   | 4  |
| MA-144                       | Integral Calculus                       | 4  |
| MA-273                       | Multivariable Calculus I                | 4  |
| MA-274                       | Multivariable Calculus II               | 4  |
| CH-131                       | General Chem and Qualitative Analysis I | 4  |
| CH-131L                      | General Chemistry I Lab                 | 0  |
| PC-390                       | Independent Study in Physics            | 1  |
| Total Credits                |   | 56 |

#### Special Notes 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 all major courses.

|   |   |    |
|---|---|----|
| PO-100  | Perspectives on Politics  | 3  |
| PO-200  | Research Methods in Political Science   | 3  |
| PO-201  | American Government   | 3  |
| PO-XXX  | Political Science Capstone  | 1  |
| 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 Politics designation (IP)                                   | 3  |
| PO-   | Political Science elective courses from any designation or combination of designations (AP, PT, CP, IP) | 12 |
| Total Credits   |   | 34 |

#### Special Notes on Major Requirements

- <sup>1</sup> PO-XXX, the Political Science Capstone course must be taken at the College 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.
- <sup>3</sup> Students must maintain a minimum GPA of 2.5 in their Political Science major course of study.

### 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           | 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 at 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. Prof. 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 Prof. 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 adviser, 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

Alain L. Sanders, J.D., *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, Prof. 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

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 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.A./M.D. Program with Drexel University College of Medicine and Saint Peter's University Hospital

This highly selective B.A./M.D. program is designed to provide qualified undergraduates at Saint Peter's University with early acceptance to Drexel University College of Medicine and an invaluable internship experience at Saint Peter's University Hospital. Students whose high school background satisfies program requirements are admitted to the University in Stage 1 of this program. Students are admitted to Stage 2 as sophomores after they have completed three semesters with a 3.5 GPA overall and in the required science courses, gained endorsement of Health Professions Advisory Committee, and successfully completed their interview at Drexel University College of Medicine and Saint Peter's University Hospital. During Stage 3, students complete a minimum of 40 specified science credits, achieve a 3.5 GPA overall and in science courses, score 31 or better on the MCAT exam (other MCAT requirements may apply), apply to Drexel University College of Medicine exclusively, and agree to completing the clinical clerkship and one of their clinical rotations at Saint Peter's University Hospital. After having successfully completed Stages 1-2, notification of admittance to Drexel University College of Medicine is communicated to students at the beginning of their senior year. During their senior year at Saint Peter's, students complete a pre-professional internship at Saint Peter's University Hospital. They begin medical school upon successful completion of a B.A. degree at Saint Peter's University. This combined B.A./M.D. Program is an optional program, and only one of the ways to enter medical school.

### Combined B.S./M.D. Program or B.S./D.M.D. Program with the University of Medicine and Dentistry of New Jersey (UMDNJ) or as of July 1, 2013, 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 UMDNJ. After admission to the combined pre-med or pre-dental programs, students are monitored for compliance with the requirements set by UMDNJ. Admission to UMDNJ's medical or dental school is conditional at all stages of the program and is determined solely by UMDNJ.

## 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 Sciences Advisory Committee. Students participating in these programs spend three years at Saint Peter's University in a pre-professional program (pre-physicians 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 Physicians 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 Sciences 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 UMDNJ 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 UMDNJ (Newark, NJ) and Seton Hall University (South Orange, NJ) that lead to a Bachelors of Science in Biology from Saint Peter's and a Masters 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 UMDNJ 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 UMDNJ

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 UMDNJ that leads to a Bachelors of Science from Saint Peter's and a Doctorate in PT from UMDNJ. Students who are admitted to this Pre-PT program spend three years at Saint Peter's followed by three years at UMDNJ. 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 college 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, Cognitive Processing, 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 & Research Methods  | 3  |
| PS-205   | Experimental Psychology  | 3  |
| PS-210   | Advanced Stats & 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 and Systems  |    |
| PS-430   | Industrial-Organizational Psy  |    |
| Select two of the following courses with capstone laboratories: <sup>1</sup> |  | 12 |
| PS-305<br>& PS-306   | Tests & Measurements<br>and Capstone: Seminar Lab Tests & Measure                                    |    |
| PS-310<br>& PS-311   | Social Experimental Psychology<br>and Capstone: Seminar Lab Social Experiment                        |    |
| PS-320<br>& PS-321   | Learning<br>and Capstone: Seminar & Lab in Learning  |    |
| PS-330<br>& PS-331   | Sensation and Perception<br>and Capstone: Sem Lab Sensation Perception Lab in Sensation & Perception |    |
| PS-350<br>& PS-351   | Cognitive Processes<br>and Capstone: Sem & Lab in Cognitive Process                                  |    |
| PS-355<br>& PS-356   | St in Contemporary: Change Title<br>and Capstone: Sem & Lab ST Contemporary                          |    |
| PS-380<br>& PS-381   | Human Factors<br>and Capstone: Sem & Lab Human Factors   |    |
| PS-390<br>& PS-391   | Virtual Reality<br>and Capstone: Sem & Lab in Virtual Reality  |    |
| PS-430<br>& PS-431   | Industrial-Organizational Psy<br>and Capstone: Lab & Sem Industr Org Psych                           |    |
| PS-485<br>& PS-486   | Memory<br>and Capstone: Lab & Seminar in Memory  |    |
| PS-480<br>& PS-481   | Special Topics in Psychology<br>and Capstone: Seminar & Lab St                                       |    |
| Total Credits  |  | 45 |

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

## Special Note 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, BI-171, BI-172, PC-110) as part of the Natural Science Core Requirement. They should take BI-183/BI-184 or CH-131/CH-132 or PC-185/PC-186; no lab required.
- <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, cognitive processing, 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                       | Bio Foundations : Human Sexuality |    |
| PS-450                       | Cross-Cultural Psychology         |    |
| PS-463                       | Psychopathology & Film            |    |
| PS-305                       | Tests & Measurements              |    |
| PS-420                       | History and Systems               |    |
| PS-398                       | Undergrad Psychology Research     |    |
| Total Credits                |                                   | 15 |

### Concentration in Cognitive Processing

|                                |                               |    |
|--------------------------------|-------------------------------|----|
| PS-350                         | Cognitive Processes           | 3  |
| PS-330                         | Sensation and Perception      | 3  |
| Select three of the following: |                               | 9  |
| PS-370                         | Cognitive Neuroscience        |    |
| PS-380                         | Human Factors                 |    |
| PS-320                         | Learning                      |    |
| PS-485                         | Memory                        |    |
| PS-390                         | Virtual Reality               |    |
| PS-398                         | Undergrad Psychology Research |    |
| Total Credits                  |                               | 15 |

### Concentration in Forensic Psychology

|                                |                           |   |
|--------------------------------|---------------------------|---|
| PS-435                         | Forensic Psychology       | 3 |
| PS-305                         | Tests & 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-280                         | Death & Dying             |   |
| PS-485                         | Memory                    |   |

|               |                               |    |
|---------------|-------------------------------|----|
| PS-398        | Undergrad Psychology Research |    |
| Total Credits |                               | 15 |

### Special Note for Psychology-Education Double Majors

- <sup>1</sup> ED-170 Child & Adolescent Psychology may replace PS-230 Childhood and Adolescence.
- <sup>2</sup> ED-203 Educational Psychology may replace PS-270 Educational Psychology.
- <sup>3</sup> ED-301 Tests and Measurements may replace PS-305.
- <sup>4</sup> Double majors must plan early for the capstone laboratories since students may not student teach and take capstone laboratories at the same time.

### 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 Poli, *Advisor*

Through this collaborative program between Saint Peter's University and the Christ 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 Christ Hospital School of Radiography. Students are awarded the AAS degree from Saint Peter's University upon documented evidence of successfully completing the Christ 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, CHSR Track. Students apply for Conditional Admit Status to the Christ 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 Christ Hospital School of Radiography. Students must meet the admission requirements of Christ Hospital School of Radiography, which include being recommended by Saint Peter's Health Professions Advisory Committee, successfully completing an interview at CHSR, and receiving 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-115, 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 CHSR. Students must satisfy all of the admission requirements for CHSR, including volunteer service and performance on an entrance examination. The granting of admission is at the sole discretion of Christ Hospital.

For more detailed information about the admission requirements, students should consult the Program Advisor. Students entering Saint Peter's University in the Health Sciences, CHSR 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 Christ Hospital School of Radiography.

Students who are not granted Conditional Admit Status by Christ 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<br>& CM-115                           | Introduction to English Composition<br>and Introduction to English Composition 2 |   |
| CM-106<br>& CM-117                           | Introduction to English Composition<br>and Introduction to English Composition 2 |   |
| CM-120                                       | English Composition  |   |
| BI-172                                       | Anatomy and Physiology II  | 4 |
| CS-150                                       | Intro Computers & Information Processing   | 3 |

|   |  |    |
|---|--|----|
| Select a 2nd course in Composition Sequence:                            |  | 3  |
| CM-104<br>& CM-115  | Introduction to English Composition<br>and Introduction to English Composition 2 |    |
| CM-106<br>& CM-117  | Introduction to English Composition<br>and Introduction to English Composition 2 |    |
| or elective if originally placed in CM-120                              |  |    |
| PL-100<br>or TH-110   | Intro. to Philosophy I<br>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 both in the U.S. and in El Salvador, and seminars on nonviolence and peacemaking.

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

### Requirements for Minor in Social Justice

|  |  |   |
|--|--|---|
| SJ/PO-250  | Intro to Social Justice                  | 3 |
| Select one of the following urban internships designated as Service Learning   |  | 3 |
| UR-492   | Urban Internship                         |   |
| SO-492   | Urban Internship                         |   |
| Select one of the following Faith and Justice electives:                       |  | 3 |
| TH-487   | Theology of Social and Racial Justice    |   |
| TH-400   | The Ethical Challenge of Jesus           |   |
| 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   | Gv't & Politics in Latin America         |   |
| PO-410   | Political Development                    |   |
| PO-491   | Sem in Pol Thry: Death Pnlty             |   |
| Select one of the following Social Diversity and Stratification electives:     |  | 3 |
| EC-324   | Poverty & Inequality                     |   |
| SO/SJ-136  | Intro Lesbian Gay Bisexual Transgendered |   |
| SO/AS/SJ-245   | Haitians in America                      |   |
| SO/UR/AS/SJ-412  | Ethnicity and Race in Urban History      |   |
| AS/SO/SJ-352   | Minority Group Relations                 |   |
| SO-200   | Ethnic and Racial Relations              |   |
| SO/SJ-351  | Issues in the Latino Community           |   |
| SO-385   | Pple & Cult Nrth Amer: Nat Amrcns        |   |
| 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 & Jstc Iss Within Pol Thry         |   |
| UR-465   | Vietnam and the U.S.                     |   |

|               |                               |    |
|---------------|-------------------------------|----|
| PO-498        | Sem: Political Poetry & Music |    |
| Total Credits |                               | 18 |



## Department of Sociology and Urban Studies

Dr. David S. Surrey, *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, Anthropology and International/Intercultural Studies. 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-284                 | Cultural Anthropology                              | 3  |
| SO-345                 | Sociology of Intimacy                              | 3  |
| SO-380                 | Sociological Theory                                | 3  |
| SO-448                 | Stats in the Social Sciences                       | 3  |
| SO/UR-450              | Research Techniques: Social Sciences               | 3  |
| SO/UR-492<br>or SO-495 | Urban Internship<br>Internshp in Intern'l 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 & 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 Tech: 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 & 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               | 3.00 |
| UR-412        | Ethnicity and Race in Urban History | 3.00 |
| UR--          | Urban Studies Electives             | 12   |
| Total Credits |                                     | 18   |

### Requirements for a Minor in Sociology

|                              |  |    |
|------------------------------|--|----|
| SO-121                       | Introduction to Sociology                | 3  |
| Select one of the following: |  | 3  |
| SO/UR-412                    | Ethnicity and Race in Urban History      |    |
| 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 Urban Studies

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

### Requirements for a Minor in Anthropology

|                              |   |    |
|------------------------------|---|----|
| SO-121                       | Introduction to Sociology               | 3  |
| SO-284                       | Cultural Anthropology                   | 3  |
| SO/BI-313                    | Human Evolution Ecology and Adaptation  | 3  |
| SO-370                       | Urban Anthropology                      | 3  |
| Select two of the following: |   | 6  |
| CC-261                       | Archeology: Greece & Near East          |    |
| SO-275                       | Pre-Columbian Civilizations             |    |
| SO-326                       | The Anthropology of Gender              |    |
| SO/UR-332                    | Contemporary Urban Culture              |    |
| SO-345                       | Sociology of Intimacy                   |    |
| SO-360                       | Intercultural Relations                 |    |
| SO-362                       | China: people Culture & Society         |    |
| CC-375                       | Archeology of Egypt                     |    |
| SO-385                       | Pple & Cult Nrth Amer: Nat Amrcns       |    |
| SO/BA-410                    | Managing Cross-Cultural Training Skills |    |
| SO/UR-412                    | Ethnicity and Race in Urban History     |    |
| SO/ED-489                    | Globalization & Fieldwork Sem           |    |
| SO-495                       | Internshp in Intern'l Settings          |    |
| Total Credits                |   | 18 |

## Sports Management Program

Dr. Richard Petriello, 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 & Entertainment Marketing      | 3  |
| SM-228                               | Intro to Sports Management            | 3  |
| SM-350                               | Sport Facility Operation & Event Mgmt | 3  |
| SM-410                               | Legal& Ethical Issue in Sports MGMT   | 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                            | 1  |
| Choose 4 from the following courses: |                                       | 12 |
| PS-445                               | Sport Psychology                      |    |
| SO-256                               | Sociology of Sports                   |    |
| CU-340                               | Sportswriting                         |    |
| PE-103                               | Prin & Found of Phys Education        |    |
| HE-355                               | Fitness & Wellness                    |    |
| Total Credits                        |                                       | 43 |

#### Special Notes on Core Curriculum Requirements

1. MA-105 Elementary Applied Mathematics and MA-106 Introduction to Probability & Statistics are recommended for the Mathematics core Requirement.
2. SO-121 is recommended as one of the two options for the Social Science Core Requirement, as it is a prerequisite for SO-256.
3. PS-151 is recommended as one of the two options for the Natural Science Core Requirement, as it is a prerequisite for PS-445.

#### Requirements for a Minor in Sports Management

|               |                                       |    |
|---------------|---------------------------------------|----|
| BA-249        | Sports & Entertainment Marketing      | 3  |
| SM-228        | Intro to Sports Management            | 3  |
| SM-350        | Sport Facility Operation & Event Mgmt | 3  |
| SM-410        | Legal& Ethical Issue in Sports MGMT   | 3  |
| SM Electives  |                                       | 6  |
| Total Credits |                                       | 18 |

## Department of Theology

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

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

### Requirements for Theology Major

#### Degree of Bachelor of Arts

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

|                              |   |           |
|------------------------------|---|-----------|
| TH-110                       | Religious Faith in the Modern World <sup>1</sup>  | 3         |
| TH-120                       | Christianity in the Contemporary Era <sup>1</sup> | 3         |
| TH-300                       | Methods and Sources of Theology                   | 3         |
| TH-301                       | Mod Christian Comm: 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-                          | Theology Electives                                | 12        |
| Select one of the following: |   | 3         |
| TH-310                       | The Theology of Grace                             |           |
| TH-436                       | The Christian Sacraments                          |           |
| TH-443                       | Black Theology                                    |           |
| TH-477                       | Values: Christian Spirituality                    |           |
| TH-497                       | St Augustine & the Confessions                    |           |
| TH-498                       | Seminar on Death and Dying                        |           |
| <b>Total Credits</b>         |   | <b>36</b> |

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

### Special Notes on Major Requirements

- <sup>1</sup> Theology majors may take up to nine credits in approved cognate courses in other departments in fulfillment of the theology electives requirement.
- <sup>2</sup> Courses in classical and modern languages and in philosophy are strongly recommended.
- <sup>3</sup> 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.
- <sup>4</sup> 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.

### Requirements for a Minor in Theology

Three credits may be fulfilled in an approved cognate course in another department.  
(Offered only at the Englewood Cliffs Campus)

|                      |                                      |           |
|----------------------|--------------------------------------|-----------|
| TH-110               | Religious Faith in the Modern World  | 3         |
| TH-120               | Christianity in the Contemporary Era | 3         |
| TH-                  | Theology electives                   | 12        |
| <b>Total Credits</b> |                                      | <b>18</b> |

## Program in Women's Studies

Dr. Marilyn Cohen, *Director*

The Women's Studies 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 Women's Studies

|  |  |    |
|--|--|----|
| WS/SO-140  | Intro to Women Studies                   | 3  |
| Choose one of the following  |  | 3  |
| WS-  | Feminist Philosophy                      |    |
| WS-  | Feminist Political Theory                |    |
| Select four of the following, no more than two with the same prefix: |  | 12 |
| AR-425   | Women in Art                             |    |
| CU-244   | Women in Film                            |    |
| HS-345   | Women in Modern History                  |    |
| PL-340   | Feminist Philosophy                      |    |
| PO-310   | Feminist Political Theory                |    |
| SO-326   | The Anthropology of Gender               |    |
| UR-309   | Women in Changing Urban World            |    |
| WS-366   | Mapping Asian & Latino Bodies            |    |
| PS-170   | Marriage and Family                      |    |
| UR-460   | The US Civil Rights Movement             |    |
| CU/WS-285  | Gender & Communication                   |    |
| SO-256   | Sociology of Sports                      |    |
| SO/LS/WS-136   | Intro Lesbian Gay Bisexual Transgendered |    |
| Total Credits  |  | 18 |

## School of Education

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 education must also choose an accompanying 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 at the beginning of the junior year.

Admission criteria include:

- 2.50 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
- taking the appropriate Praxis test

Exit requirements include:

- 2.75 minimum overall grade point average
- exit interview conducted in Student Teacher Seminar

## 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 Elementary Education major or academic major
- required Praxis test<sup>1</sup>

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

- core curriculum requirements
- academic major and minor in secondary education
- required Praxis test<sup>1</sup>

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

## AREAS OF CERTIFICATION

**Elementary Education Program**

- Elementary Classroom Teacher (K-5)

**Elementary Education Program with Middle School Certification**

- Teacher of Middle School Science
- Teacher of Middle School English
- Teacher of Middle School Social Studies
- Teacher of Middle School Mathematics

**Secondary Education Program with Subject Area Endorsements**

- Teacher of Art
- Teacher of Comprehensive Business
- Teacher of Biological Science
- Teacher of Mathematics
- Teacher of General Business
- Teacher of Physical Science
- Teacher of English
- Teacher of French
- Teacher of Italian
- Teacher of Spanish
- Teacher of Social Studies
- Teacher of History
- Teacher of Chemistry
- Teacher of Physics
- Teacher of Physical Education
- Teacher of Health
- Teacher of Physical Education and Health

**ACCOMPANYING MAJORS**

- 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



## Elementary and Secondary Programs

### MAJOR AND MINOR REQUIREMENTS

#### Requirements for Elementary Education Major (Grades K - 5)

##### Degree of Bachelor of Arts

All Elementary Education students who wish to receive a State of New Jersey Teaching Certificate (K-5) 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 | Aims of American Education    | 3 |
| ED-170 | Child & Adolescent Psychology | 3 |
| ED-490 | Sophomore Field Experience    | 1 |

##### Junior Year (16 credits)

|        |                                     |   |
|--------|-------------------------------------|---|
| EE-202 | Elementary Curriculum               | 3 |
| EE-206 | Teaching Reading Elementary School  | 3 |
| EE-204 | Teaching Language Arts: Elem School | 3 |
| EE-212 | Tchgng Mathematics in Elem Sch      | 3 |
| EE-214 | Tchgng Science in the Elem Sch      | 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 |
|---------------|--|----|

#### Requirements for Elementary Education Major (Grades Kindergarten to 5) with Middle School Certification (Grades 5 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 college 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-108-109 Math for Educators, I and II or MA-105-106 OR MA-102-103.
- <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        | Aims of American Education                         | 3  |
| ED-203        | Educational Psychology (or with permission ED-170) | 3  |
| SE-400        | Principles& Tech of Teaching: Elem& Sec            | 3  |
| SE-370        | Imprvmnt of Reading in Sec Sch                     | 3  |
| SE-408        | High School Curr Organ                             | 3  |
| ED-490        | Sophomore Field Experience                         | 1  |
| ED-491        | Junior Field Experience                            | 1  |
| 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.

Students desiring a teaching certificate preparation program should include a series of courses offered through the School of Education. These courses would be part of the Minor in Secondary Education. The Health and Physical Education Program also 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.

### Requirements for the Health and Physical Education Major

#### Degree of Bachelor of Science

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

|               |  |    |
|---------------|--|----|
| BI-122        | Nutrition in Health & Disease <sup>1</sup> | 3  |
| HE-271        | Concepts of Public Health                  | 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  |
| PE-103        | Prin & Found of Phys Education             | 3  |
| PE-240        | Teaching of Skills Activities I            | 3  |
| PE-241        | Teaching of Skills Activities II           | 3  |
| PE-310        | Kinesiology                                | 3  |
| PE-352        | Exercise Physiology                        | 3  |
| BI-486        | Current Issues in Health Education         | 3  |
| PE-410        | Legal & Ethical Issues in Sports           | 3  |
| PE-255        | Fitness and Wellness                       | 3  |
| PE-311        | Biomechanics                               | 3  |
| PS-151        | Introduction to Psychology                 | 3  |
| HE-           | 2 HE- courses                              | 6  |
| PE-           | 2 PE- courses                              | 6  |
| Total Credits |  | 56 |

<sup>1</sup> May count towards Natural Science 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

Dr. Ann Tritak, Dean of Nursing

Lisa Garsman, B.S.N. Program Director

Dr. Janice O'Brien, 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 nursing programs at Saint Peter's University are accredited by the Commission on Collegiate Nursing Education (CCNE) and the New Jersey Board of Nursing.

## 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. Requirements for admission to the Pre-Nursing program are listed on the official University School of Nursing website. Transfer student 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

|         |   |   |
|---------|---|---|
| BI-161  | Basic Microbiology                        | 4 |
| BI-161L | Basic Microbiology Lab                    | 0 |
| NU-202  | Theoretical Bases of Professional Nursing | 3 |
| NU-204  | Nutrition and Health                      | 3 |
| NU-210  | Pharmacology for Prof. 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 of Child-Bearing Families    | 5 |
| NU-360  | Computer App in Nursing & Health Care     | 2 |
| NU-390  | Intro to Nursing Research                 | 3 |
| NU-404  | Psychiatric-Mental Health Nursing         | 5 |
| NU-414  | Nursing Care of Children and Adolescents  | 5 |
| NU-416  | Social Justice Ethics and Health Care     | 3 |
| NU-420  | Community Health Nursing                  | 4 |

|   |                                      |    |
|---|--------------------------------------|----|
| NU-430  | Nursing Care of Adults and Aging III | 4  |
| NU-445  | Leadership and Trends in Nursing     | 3  |
| Completion of Summative Examination administered in the last nursing course |                                      |    |
| <b>Other Required Courses</b>   |                                      |    |
| PS-235  | Life Span Development                | 3  |
| Total Credits   |                                      | 71 |

## Special Notes on Core Requirements

- The Core Curriculum Requirements are the same as those for CAS/SBA undergraduate day students.

## Special Notes on Major Requirements

- 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.
- 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 2.5 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.
- 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.
- If a student registers for a nursing course and withdraws after the first graded assignments or exam, this is considered the student's 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.
- All nursing courses must be taken in sequence with a satisfactory grade of 78 or higher earned before continuing with the next nursing course.
- Applicants who have taken the courses Anatomy and Physiology I, Anatomy and Physiology II, and Microbiology that are older than five years at the time the nursing course sequence begins must repeat these required science courses.
- All students must participate in the enrichment/preparatory/remediation program beginning with their first clinical course.
- 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 8 semesters) of full-time study. Students must complete the program within six consecutive calendar years. Required science courses must be repeated once they are 5 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. 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 will have three attempts to achieve the require benchmark. The School of Nursing will schedule the Medication Safety and Competency Examinations beginning on the first day of classes and ending prior to the last day of the published Add/Drop period. Students who do not achieve the required passing score by the third attempt during the scheduled time described, will be dropped from all nursing courses for that semester. (In this case, if the student wishes to register for non-nursing courses for the given semester, the student must do so immediately through the Dean's Office by the end of the Add/Drop period.) Students so dropped may attempt the same clinical experience once more when it is offered next, following the same procedure once again to achieve the required passing score. If a required passing score is not achieved at that point, the student will be dropped from the Nursing program.
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. Students are responsible for the cost.
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. Students are responsible for the cost.
8. 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.
9. Clinical Experiences - Clinical experiences may be scheduled during days, evening, and weekends. Students need to be prepared to travel out of the Jersey City area for clinical experiences. Students are required to attend as assigned. Clinical experiences also occur in a variety of settings that require students to travel within and beyond the campus area. Students are expected to adjust personal, family and work schedules to meet clinical assignments.

## Clinical Attire and Transportation

All students must adhere to the uniform and equipment policies for all nursing clinical agencies. Students must purchase and wear the official Saint Peter's University Nursing Students' Uniform from the approved vendor. Information can be obtained from the Director of the BSN Program. Students are responsible for providing their own transportation to and from clinical sites.

## 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 & Research Methods <sup>2</sup> | 3         |
| or SO-448   | Stats 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 & Aggregates              | 4         |
| NU-350  | Trends and Issues in Nursing               | 2         |
| NU-390  | Intro to Nursing Research                  | 3         |
| NU-420  | Community Health Nursing                   | 4         |
| NU-440  | Leadership and Management in Nursing       | 4         |
| NU-450  | Nurse/Client Educator                      | 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 Notes 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    | Intro to the Visual Arts                                   | 3 |
| or AR-128 | Intro 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                      | Intro. to Philosophy I               | 3  |
| PL-101                      | Intro. to Philosophy II              | 3  |
| TH-110                      | Religious Faith in the Modern World  | 3  |
| TH-120                      | Christianity in the Contemporary Era | 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

- 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.
- 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
- 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.
- NU-302 Seminar in Professional Nursing must be taken either before or concurrently with NU-310 Health Assessment Across the Life Span.
- 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.
- 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.
- 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. A grade of C- will be recorded on the student's transcript.

## 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.

- Current NJ Nursing License**
- Actual titer reports** for rubella, rubeola, varicella, mumps showing immunity.
- Proof of Hepatitis B immunity, vaccine (strongly recommended), or signed waiver.
- Negative Mantoux within the past 6 months or if positive Mantoux history, chest x-ray negative for tuberculosis within one (1) year.
- 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.
- 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** - 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.

## Program Length

The required upper division nursing courses may be completed in two years, provided all prerequisites are successfully completed.

## Express Track

The Express Track option permits students in the RN to BSN program to attend classes on a one-day-per-week schedule and complete degree requirements in 21 months. Courses are offered in 10 learning modules. A cohort approach is utilized.

## School of Professional & Continuing Studies

### Welcome

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

- **Degree Completion.** Get a valuable college degree.
- **Knowledge.** Advance your career or improve your understanding of the world.
- **Values.** Gain new understanding of the Jesuit tradition of integrity and service.

The mission of the 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, Healthcare Management, and Professional Sales (coming fall 2013), Bachelor of Professional Studies (BPS) with Humanities, Interdisciplinary Studies, or Social Science concentrations, Bachelor of Arts in Criminal Justice or Education, and Bachelor of Science in Urban Studies (Public Policy). 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 8-week sessions, using a blended learning format which combines face-to-face instruction with a distance learning component.

### 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 from our website, including an email address and telephone number. An official transcript 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 education, up to 66 credits from a 2-year college and 90 credits from a 4-year 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 credits through 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.

## Core Curriculum (Bachelor's Degree)

### SPCS Core Requirements For Bachelor's Degrees

|  |  |    |
|--|--|----|
| AR-127   | Intro to the Visual Arts                 | 3  |
| or AR-128  | Intro 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 & 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   | Intro. to Philosophy I                   | 3  |
| PL-101   | Intro. to Philosophy II                  | 3  |
| TH-110   | Religious Faith in the Modern World      | 3  |
| TH-120   | Christianity in the Contemporary Era     | 3  |
| <hr/> 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 & Contracts                | 3  |
| EC-101              | Macroeconomic Principles                       | 3  |
| EC-102              | Microeconomic Principles                       | 3  |
| EC-300              | Stats for Business & Economics                 | 3  |
| FN-401<br>or FN-410 | Intro to Corporate Finance<br>Business Finance | 3  |
| 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        | Intermed 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  |
| FN-410        | Business Finance                        | 3  |
| FN-411        | Financial Management                    | 3  |
| BL-162        | Agency & Business Organization          | 3  |
| BA-325        | Ethics: Business and Economic Community | 3  |
| BA-           | Business elective                       | 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 & Statistics. Neither math course may be taken on a Pass/Fail basis.

### Special Notes 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-340        | E-Business                              | 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-496        | Seminar in Business Administration      | 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        | Health Care Issues & Organization    | 3  |
| HM-310        | Budgeting & Financing in HC Industry | 3  |
| HM-380        | Legal & Ethical Aspects of HC Mgmt   | 3  |
| HM-480        | Advanced Concepts in HC Mgmt & Mrktg | 3  |
| BA-458        | Business Strategy                    | 3  |
| BA-496        | Seminar in Business Administration   | 3  |
| Total Credits |                                      | 45 |

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

|               |   |    |
|---------------|---|----|
| Business Core |   | 27 |
| BA-319        | International Marketing                 | 3  |
| BA-325        | Ethics: Business and Economic Community | 3  |
| BA-340        | E-Business                              | 3  |
| BA-347        | International Management                | 3  |

|               |                                    |    |
|---------------|------------------------------------|----|
| BA-458        | Business Strategy                  | 3  |
| BA-496        | Seminar in Business Administration | 3  |
| Total Credits |                                    | 45 |

### **Requirements for Bachelor of Science in Business Administration Concentration in *Professional Sales* (Coming in fall 2013)**

(offered only at the Englewood Cliffs Campus)

|               |  |    |
|---------------|--|----|
| Business Core |  | 27 |
| BA-           | Principles of Salesmanship                 | 3  |
| BA-           | Sales Forecasting and Market Research      | 3  |
| BA-           | Sales Forecasting and Market Research      | 3  |
| BA-           | Seminar in Sales Management and Leadership | 3  |
| BA-325        | Ethics: Business and Economic Community    | 3  |
| BA-458        | Business Strategy                          | 3  |
| BA-496        | Seminar in Business Administration         | 3  |
| Total Credits |  | 48 |

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

Business Administration majors are required to maintain a 2.2 average or higher in all of their BA and cognate requirements in order to graduate.

## Professional Studies (BPS)

### Bachelor of Professional Studies (BPS)

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 *Interdisciplinary Studies*

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

An interdisciplinary 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 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)

### Bachelor of Arts Degree Program in Criminal Justice

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

#### Major Requirements

|   |                                      |    |
|---|--------------------------------------|----|
| CJ-165  | Introduction to Criminology          | 3  |
| CJ-170  | Intro to Criminal Justice            | 3  |
| Choose one of the following                             |                                      | 3  |
| CJ/SO-253   | Social Deviance                      |    |
| CJ-175  | Intro to Law Enforcement             |    |
| CJ-280  | Juvenile Delinquency                 | 3  |
| Choose one of the following                             |                                      | 3  |
| CJ-285  | Criminal Corrections Systems         |    |
| CJ-290  | Comparative Justice Systems          |    |
| CJ-395  | Probation and Parole                 |    |
| Choose one of the following                             |                                      | 3  |
| CJ-315  | Criminal Procedure                   |    |
| CJ-390  | Criminal Law                         |    |
| Choose one of the following                             |                                      | 3  |
| CJ-316  | Criminal Evidence                    |    |
| CJ-405  | Crime Investigation                  |    |
| CJ-418  | Intro to Forensics Techniques        |    |
| Choose one of the following                             |                                      | 3  |
| CJ-350  | Research Techniques & Data Analysis  |    |
| PS-220  | Social Psychology                    |    |
| SO-450  | Research Techniques: Social Sciences |    |
| Choose one of the following                             |                                      | 3  |
| AS/UR-412   | Ethnicity and Race in Urban History  |    |
| CJ-210  | Multiculturalism in Justice          |    |
| Choose one of the following                             |                                      | 3  |
| CJ-489  | Senior Seminar in Criminal Justice   |    |
| CJ-441  | Careers in Criminal Justice          |    |
| Concentration: Choose one of the 5 concentrations below |                                      | 9  |
| Total Credits   |                                      | 39 |

#### Concentration in Adjudication

|  |                                       |   |
|--|---------------------------------------|---|
| Choose 3 of the following courses <sup>1</sup> |                                       | 9 |
| CJ-258   | Criminal Justice Ethics               |   |
| CJ-390   | Criminal Law                          |   |
| CJ-406   | Homicide: Investigation & Prosecution |   |
| CJ-486   | Internship I                          |   |
| or CJ-487                                      | Internship II                         |   |
| Total Credits                                  |                                       | 9 |

**Concentration in Corrections**

|  |                      |   |
|--|----------------------|---|
| Choose 3 of the following courses <sup>1</sup> |                      | 9 |
| PS-250   | Personality          |   |
| PS-260   | Abnormal Psychology  |   |
| CJ-395   | Probation and Parole |   |
| CJ-486   | Internship I         |   |
| or CJ-487                                      | Internship II        |   |
| Total Credits                                  |                      | 9 |

**Concentration in Police Administration**

|  |                                 |   |
|--|---------------------------------|---|
| CJ-175                                 | Intro to Law Enforcement        | 3 |
| Choose 2 of the following <sup>1</sup> |                                 | 6 |
| CJ-299                                 | Leadership for Criminal Justice |   |
| CJ-396                                 | Community Policing              |   |
| CJ-400                                 | Police Administration           |   |
| CJ-486                                 | Internship I                    |   |
| or CJ-487                              | Internship II                   |   |
| Total Credits                          |                                 | 9 |

**Concentration in Investigative Science**

|  |                                       |   |
|--|---------------------------------------|---|
| Choose 3 of the following <sup>1</sup> |                                       | 9 |
| PS-250                                 | Personality                           |   |
| PS-435                                 | Forensic Psychology                   |   |
| CJ-299                                 | Leadership for Criminal Justice       |   |
| CJ-405                                 | Crime Investigation                   |   |
| CJ-406                                 | Homicide: Investigation & Prosecution |   |
| CJ-486                                 | Internship I                          |   |
| or CJ-487                              | Internship II                         |   |
| Total Credits                          |                                       | 9 |

**Concentration in Police Criminal Research**

|  |                               |   |
|--|-------------------------------|---|
| AC-151                                 | Principles of Accounting I    | 3 |
| Choose 2 of the following <sup>1</sup> |                               | 6 |
| CJ-240                                 | Gangs and Organized Crime     |   |
| CJ-258                                 | Criminal Justice Ethics       |   |
| CJ-419                                 | Terrorism & Threat Assessment |   |
| CJ-486                                 | Internship I                  |   |
| or CJ-487                              | Internship II                 |   |
| Total Credits                          |                               | 9 |

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

## 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 - 5)

##### Degree of Bachelor of Arts

All Elementary Education students who wish to receive a State of New Jersey Teaching Certificate (K-5) 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 | Aims of American Education    | 3 |
| ED-170 | Child & Adolescent Psychology | 3 |
| ED-490 | Sophomore Field Experience    | 1 |

##### Junior Year (16 credits)

|        |                                     |   |
|--------|-------------------------------------|---|
| EE-202 | Elementary Curriculum               | 3 |
| EE-206 | Teaching Reading Elementary School  | 3 |
| EE-204 | Teaching Language Arts: Elem School | 3 |
| EE-212 | Tchng Mathematics in Elem Sch       | 3 |
| EE-214 | Tchng Science in the Elem Sch       | 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 |
|---------------|--|----|

#### Requirements for Elementary Education Major (Grades Kindergarten to 5) with Middle School Certification (Grades 5 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 college 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-108-109 Math for Educators, I and II or MA-105-106 OR MA-102-103.
- <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.

#### 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  | 3.00 |
| BA-           | Electives from the list: Selected Business Electives          | 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                                      | 3  |
| BA-           | Electives from the list: Selected Business Electives          | 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  | 3  |
| BA-           | Electives from the list: Selected Business Electives          | 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 | Intro to Criminal Justice    | 3 |
| CJ-253 | Social Deviance              | 3 |
| CJ-285 | Criminal Corrections Systems | 3 |
| CJ-315 | Criminal Procedure           | 3 |

|               |                                     |    |
|---------------|-------------------------------------|----|
| CJ-350        | Research Techniques & Data Analysis | 3  |
| Total Credits |                                     | 18 |

### Special Notes on Requirements for Criminal Justice Majors

<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  | Intro to Social Justice                  | 3  |
| Select one of the following urban internships designated as Service Learning   |  | 3  |
| UR-492   | Urban Internship                         |    |
| SO-492   | Urban Internship                         |    |
| Select one of the following Faith and Justice electives:                       |  | 3  |
| TH-487   | Theology of Social and Racial Justice    |    |
| TH-400   | The Ethical Challenge of Jesus           |    |
| 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   | Gv't & Politics in Latin America         |    |
| PO-410   | Political Development                    |    |
| PO-491   | Sem in Pol Thry: Death Pnlty             |    |
| Select one of the following Social Diversity and Stratification electives:     |  | 3  |
| EC-324   | Poverty & Inequality                     |    |
| SO/SJ-136  | Intro Lesbian Gay Bisexual Transgendered |    |
| SO/AS/SJ-245   | Haitians in America                      |    |
| SO/UR/AS/SJ-412  | Ethnicity and Race in Urban History      |    |
| AS/SO/SJ-352   | Minority Group Relations                 |    |
| SO-200   | Ethnic and Racial Relations              |    |
| SO/SJ-351  | Issues in the Latino Community           |    |
| SO-385   | Pple & Cult Nrth Amer: Nat Amrcns        |    |
| 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 & Jstc Iss Within Pol Thry         |    |
| UR-465   | Vietnam and the U.S.                     |    |
| PO-498   | Sem: Political Poetry & 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               | 3.00 |
| UR-412        | Ethnicity and Race in Urban History | 3.00 |
| UR--          | Urban Studies Electives             | 12   |
| 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  |
| SO/UR-412                    | Ethnicity and Race in Urban History      |    |
| AS-                          | Africana Studies course                  |    |
| LS-                          | Latin American and Latino Studies course |    |
| WS-                          | Women's Studiescourse                    |    |
| 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.  
(Offered only at the Englewood Cliffs Campus)

|               |                                      |    |
|---------------|--------------------------------------|----|
| TH-110        | Religious Faith in the Modern World  | 3  |
| TH-120        | Christianity in the Contemporary Era | 3  |
| TH-           | Theology electives                   | 12 |
| Total Credits |                                      | 18 |

## Associate Degrees

### Requirements for Humanities Major Degree of Associate of Arts

#### Core Curriculum Requirements

|  |  |    |
|--|--|----|
| AR-127   | Intro to the Visual Arts                 | 3  |
| or AR-128  | Intro 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 & Statistics | 3  |
| Social Sciences 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   | Intro. to Philosophy I                   | 3  |
| TH-110   | Religious Faith in the Modern World      | 3  |
| TH-120   | Christianity in the Contemporary Era     | 3  |
| Total Credits  |  | 42 |

#### Major Requirements

|                                     |    |
|-------------------------------------|----|
| Upper-division Humanities Electives | 24 |
|-------------------------------------|----|

### Requirements for Social Sciences Major Degree of Associate of Arts

#### Core Curriculum Requirements

|  |  |   |
|--|--|---|
| AR-127   | Intro to the Visual Arts                 | 3 |
| or AR-128  | Intro 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 & Statistics | 3 |
| Social Sciences 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   | Intro. 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        | Christianity in the Contemporary Era | 3  |
| Total Credits |                                      | 42 |

### Major Requirements

|   |    |
|---|----|
| Upper-division Social Science electives | 24 |
|---|----|

### Requirements for Health Sciences Major Degree of Associate of Applied Science

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.

### Course List

|  |                                       |    |
|--|---------------------------------------|----|
| 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   | Intro 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   | Intro. 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

#### Core Curriculum Requirements

|                              |   |    |
|------------------------------|---|----|
| CM-120                       | English Composition (or equiv.)   | 3  |
| EL-123                       | Forms of Literature: Poetry and Drama   | 3  |
| EL-134                       | Fiction   | 3  |
| MA-106                       | Introduction to Probability & Statistics  | 3  |
| PO-100                       | Perspectives on Politics  | 3  |
| or SO-121                    | Introduction to Sociology   |    |
| Select one of the following: |   | 6  |
| PL-100<br>& PL-101           | Intro. to Philosophy I<br>and Intro. to Philosophy II                           |    |
| TH-110<br>& TH-120           | Religious Faith in the Modern World<br>and Christianity in the Contemporary Era |    |
| Total Credits                |   | 21 |

### Major Requirements

|        |   |   |
|--------|---|---|
| BA-151 | Principles of Management                | 3 |
| BA-155 | Principles of Marketing                 | 3 |
| BA-347 | International Management                | 3 |
| BA-456 | International Business Strategy         | 3 |
| BA-325 | Ethics: Business and Economic Community | 3 |
| BA     | Business Administration Electives       | 3 |



|                    |   |    |
|--------------------|---|----|
| AC-151<br>& AC-152 | Principles of Accounting I<br>and Principles of Accounting II | 6  |
| CS-150             | Intro Computers & Information Processing                      | 3  |
| EC-101             | Macroeconomic Principles                                      | 3  |
| EC-102             | Microeconomic Principles                                      | 3  |
| Total Credits      |   | 33 |

## Requirements for Marketing Management Major Degree of Associate of Science

### Core Requirements

|                              |   |    |
|------------------------------|---|----|
| CM-120                       | English Composition (or equiv.)   | 3  |
| EL-123                       | Forms of Literature: Poetry and Drama   | 3  |
| EL-134                       | Fiction   | 3  |
| MA-105                       | Elementary Applied Mathematics  | 3  |
| MA-106                       | Introduction to Probability & Statistics  | 3  |
| PO-100<br>& SO-121           | Perspectives on Politics<br>and Introduction to Sociology                       | 6  |
| Select one of the following: |   | 6  |
| PL-100<br>& PL-101           | Intro. to Philosophy I<br>and Intro. to Philosophy II                           |    |
| TH-110<br>& TH-120           | Religious Faith in the Modern World<br>and Christianity in the Contemporary Era |    |
| Total Credits                |   | 27 |

### 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  |
| Marketing/Management Electives |   |    |
| AC-151<br>& AC-152             | Principles of Accounting I<br>and Principles of Accounting II | 6  |
| BL-161                         | Introduction to Law & Contracts                               | 3  |
| CS-150                         | Intro Computers & Information Processing                      | 3  |
| EC-101                         | Macroeconomic Principles                                      | 3  |
| EC-102                         | Microeconomic Principles                                      | 3  |
| Total Credits                  |   | 33 |

## 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

#### First Year Courses

|                              |  |    |
|------------------------------|--|----|
| Select one of the following: |  | 6  |
| CM-104<br>& CM-115           | Introduction to English Composition<br>and Introduction to English Composition 2 |    |
| CM-106<br>& CM-117           | Introduction to English Composition<br>and Introduction to English Composition 2 |    |
| EC-100                       | Introduction to Economics  | 3  |
| MA-102<br>or MA-105          | Mathematics for the Humanities I<br>Elementary Applied Mathematics               | 3  |
| UR-151                       | The Contemporary City  | 3  |
| UR-308                       | Analysis of Urban Underclass   | 3  |
| UR-412                       | Ethnicity and Race in Urban History  | 3  |
| UR-413                       | Dynamics of Urban Development  | 3  |
| UR-414                       | Urban Institutional Analysis   | 3  |
| UR-490                       | Urban Field Work   | 3  |
| UR-492                       | Urban Internship   | 3  |
| Total Credits                |  | 33 |

#### Second Year Courses

|                    |   |   |
|--------------------|---|---|
| UR-311             | Strategies for Urban Change                       | 3 |
| UR-126             | Intro Public Policy Social Act                    | 3 |
| EC-230             | Urban Economic Policies & Problems                | 3 |
| EL-134             | Fiction   | 3 |
| PL-100             | Intro. to Philosophy I                            | 3 |
| PS-151             | Introduction to Psychology *                      | 3 |
| PS-220             | Social Psychology *                               | 3 |
| SP-113<br>& SP-114 | Elementary Spanish I<br>and Elementary Spanish II | 6 |

|               |                             |    |
|---------------|-----------------------------|----|
| UR-493        | Advanced Urban Internship * | 3  |
| Total Credits |                             | 30 |

### Special Notes

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

### 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   | Intro to the Visual Arts                     | 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                               |    |
| MA-103   | Mathematics for the Humanities II            | 6  |
| & MA-106   | and Introduction to Probability & Statistics |    |
| Select one of the following:                                 |  | 3  |
| Natural Science: one Course from Biology, Chemistry, Physics |  |    |
| NS-110   | Scientific Literacy                          |    |
| UR-  | Urban Studies Elective                       | 3  |
| Total Credits  |  | 24 |

### Fourth Year Courses

|               |                                       |    |
|---------------|---------------------------------------|----|
| EL-123        | Forms of Literature: Poetry and Drama | 3  |
| PL-110        | Ancient Philosophy (or equiv.)        | 3  |
| PL-240        | General Ethics                        | 3  |
| TH-499        | Theo and Cont Public Issues           | 3  |
| UR-           | Urban Studies Elective                | 3  |
| Total Credits |                                       | 15 |

## **General Information**

This section contains information related to recognition of student achievement, admission requirements and procedures, student financial aid, and tuition and fees.

# Recognition of Student Achievement

## Graduation Honors

To be eligible for Bachelor's degrees with distinction, students must be in attendance at the University for three years and must have attempted a minimum of 69 credits at Saint Peter's University, exclusive of Pass/Fail, Prior Learning credits, CLEP credits; that is, those credits not formally taken at the University for grades. Such distinctions are based on the student's cumulative grade point average for the entire academic record. These honors are noted on the student's diploma and transcript. The following minimum grade point averages 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 grade point average 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 grade point average of at least 3.5 for the term. To qualify, CAS/SBA students must complete 12 semester credits and SPCS students must complete 6 credits in at least one 8-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 pre-ceding the Convocation. The Academic Year refers to the Fall and Spring Semesters in CAS/SBA and the Fall and Spring 8-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 highest and the second highest academic average for the past academic year. In making 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 CAS/SBA student, 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 ten 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:

**Sigma Beta Delta** Business Administration

**Beta Beta Beta** Biology

**Eta Sigma Phi** Classics

**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

**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 College of Arts & Sciences and the School of Business Administration. 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 College Students (CAS/SBA)

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 college.

Saint Peter's University requires students to have the following academic units:

- four years of English
- three years of college prep math
- a minimum of two years of history
- two years of a foreign language
- two years of science, with at least one year of lab science
- at least three additional units in any combination of the subject areas listed above.

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

- a completed application
- an official high school transcript
- official SAT scores
- two letters of recommendation

In exceptional cases, the Committee on Admissions may waive certain requirements when the quality of the applicant's overall record shows promise of success in college-level study.

In addition to University admission requirements, applicants to the nursing program must have completed courses in chemistry and biology and have received a grade of B or above. One year of lab science is also required.

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. Saint Peter's University participates in the College Board's Fee-Waiver Service.

## Special Admissions Programs

### Early Admissions

In exceptional cases, students who have met the requirements for graduation after their junior year with extraordinary records may be exempted from completing their senior year and be admitted to the freshman class at Saint Peter's University. No students will be accepted for this program without the recommendation of their high school principal.

### 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. Transfer students who wish to be considered for EOF at Saint Peter's University must have participated in the EOF Program at previous institution.



## Academic Success Program (ASP)

ASP is designed to give students who do not satisfy the admissions criteria previously outlined but show great promise for success at college-level work. These students are conditionally admitted to the University and attend a specially designed summer program to help prepare them for college-level work. This program is not credit-bearing. During their freshman year, students are enrolled in ASP sections of core classes and participate in supplementary mentoring and additional study skills sessions.

## 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 SPCS Students

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. 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.

## 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 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. 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.

Candidates applying for admission to the University with advanced standing must submit:

- an official application
- an official copy of the high school transcript
- official transcripts of all previous college work from each institution attended.

Students applying to the generic BSN nursing program should have a minimum GPA of 3.0. 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.

## Admission of SPCS Transfer Students

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 6 credits in Philosophy, 6 credits in Theology and the 3-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.

All other policies as set forth in Transfer Section above will apply.

## Admission of International Students

All international students interested in attending Saint Peter's University must apply by March 1 for the September term and by October 1 for the January term. Applicants must submit standardized test scores from either the Test of English as a Foreign Language (TOEFL) or the SAT exam, which can both be used as a measure of their proficiency in English. Candidates who wish to compete for merit based scholarships must submit official SAT scores with their applications for admission. International students must submit the following materials:

- an official application
- official educational documents (with English translation), complete with an
- evaluation of transfer credits, from a NACES approved agency
- official TOEFL IELTS
- SAT or ACT scores (for scholarship eligibility)
- an affidavit of financial support or Certification of Finances (a notarized statement showing the ability to meet yearly costs as stated by the University).

Saint Peter's University will accept evaluations prepared by the following agencies:

### **Credentials Evaluation Service, Inc.**

P.O. Box 24679 Los Angeles, CA 90024  
(203) 475-2133

### **World Education Services, Inc.**

P.O. Box 745 Old Chelsea Station  
New York, NY 10011  
(212) 966-6311

### **International Consultants, Inc. (ICI) of Delaware**

914 Pickett Lane  
Newark, DE 19711  
(302) 737-8715

### **Foundation for International Services, Inc.**

P.O. Box 230278  
Portland, OR 97223  
(503) 747-4225

### **Educational Credential Evaluators, Inc.**

P.O. Box 17499  
Milwaukee, WI 53217  
(414) 964-0477

International students applying to the RN-BSN program must have their transcripts evaluated **only** by the World Education Services, Inc. The I-20 form, needed to obtain a student visa, is issued to students who have been accepted to the University, and provided a certification of finances.

## 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.

## 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. We will assist you in obtaining the financial resources for your education, which includes 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 College 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 on-line 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 grade point average 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**

Students who have combined SAT scores of over 1100 and are ranked in the top 1/3 of their high school class 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 \$5,550 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.

### **Edward J. Bloustein, Distinguished Scholars Program (State)**

Students demonstrating the highest level of academic achievement based upon their secondary school records and Scholastic Aptitude Test (SAT) scores will be selected for consideration by their secondary schools. Additional scholarships will be provided to students from the state's urban and economically distressed areas based on class rank and grade point average. Students accepting awards will receive \$930 per year based on academic criteria. Bloustein Scholars are invited to apply for Saint Peter's University Scholarships.

### **New Jersey Tuition Aid Grants**

Grants of up to \$11,550 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.

### **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 (Federal)**

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 CAS/SBA

Overload Tuition (per credit in excess of 18 semester hours, Fall & Spring Semesters) \$990

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 CAS/SBA students pay the CAS/SBA rate for all credits, whether taken in the day or evening. CAS/SBA 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 drop/add 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 3 month plan is available. In the summer, a two month plan is available. If students wish to pay University costs with a parent's or relative's card, the owner of such card must be present.
2. The University participates in an installment plan through Academic Management Services (AMS) which allows full year expenses (after financial aid has been deducted) to be paid over 8, 9, or 10 months. Payments begin in the summer prior to the start of the academic year.

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 advisers. Any charges made for tuition and labs 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 intersession and summer sessions. See charts below. This policy does not apply to withdrawals or leaves of absence (Students are not permitted to drop all courses without withdrawing or taking a leave of absence.).

### **Institutional Refund Policies - Tuition and General Fee Refund Policy Related to Withdrawal/Leave of Absence**

The University's refund policies for students withdrawing or taking a leave of absence are described in the paragraphs below. This policy is applicable to an individual student is determined by the particular circumstances of the student, including the timing of the withdrawal/leave of absence, 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   | 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%                |

### 5-week and 6-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                         | 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.

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Nancy Yewaisis

## Department and Program

All Bene Merenti recipients (Twenty years of service to Saint Peter's University) are indicated with an asterisk (\*).

## Accountancy and Business Law

\*Kathleen Brough (1981) Associate Professor; A.B., M.B.A., Rutgers; Certified Public Accountant.

Lori A. Buza (2000) Assistant Professor of Business Law; B.A., Rutgers; J.D., Rutgers University; Licensed Attorney at Law.

\*Robert F. Koch (1971) Associate Professor; B.S., Rider; M.B.A., Fairleigh Dickinson; Certified Public Accountant.

\*Kevin A. Leeds (1981) Chairperson, Professor; B.B.A., Saint Bonaventure; M.B.A., Fairleigh Dickinson; Certified Public Accountant.

\*Andrew D. Pogogeff (1978) Associate Professor; B.S., M.B.A., Fairleigh Dickinson; Certified Public Accountant.

\*Allen F. V. Zagier (1979) Professor; B.S., New Jersey Institute of Technology; M.S., Columbia; M.S., New York University; M.B.A., George Washington; Certified Public Accountant.

## **Applied Science and Technology (Biological Chemistry, Biotechnology and Physics)**

William Gutsch (2009) Distinguished Professor CAS/SBA; B.S., Saint Peter's College; M.S., Ph.D, University of Virginia.

Leonard J. Sciorra (2001) Chairperson, Schuh Professor, Health Careers Advisor; B.A., Rutgers; M.S., Seton Hall; Ph.D., Drexel University College of Medicine.

WeiDong Zhu (2007) Assistant Professor; B.S., M.S., Soochow University; Ph.D., Stevens Institute of Technology.

Debing Zeng (2012) Assistant Professor; B.E., Tianjin University; M.E., Changchun University of Science and Technology; Ph.D., Stevens Institute of Technology.

## **Biology**

Jill Callahan (2011) Assistant Professor; B. A., Saint Anselm College; Ph. D., Virginia Commonwealth University.

\*E. Regina Giuliani (1979) Chairperson, Professor; B.A., Cardinal Cushing; M.S., Ph.D., Rutgers University.

\*Michael E. Held (1981) Professor; A.B., Thomas More; M.S., Western Kentucky; Ph.D., Ohio University.

\*Richard P. Petriello (1974), Professor; B.S., Iona; M.S., Seton Hall; Ph.D., Rutgers University

Christina Poli (2008) Instructor; B.S, M.S., Fairleigh Dickinson.

\*Frances S. Raleigh (1988) Professor; B.S., Marietta; M.S., Ph.D., SUNY College of Environmental Science and Forestry.

Laura H. Twersky (1996) Professor; B.A., Barnard; M.S., Ph.D., New York University.

Jeanette Wilanski (2007) Assistant Professor; B.S., Saint Peter's College; Ph.D., University of Medicine and Dentistry of New Jersey.

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Jill Callahan (2011) Assistant Professor; B.S. B. A., Saint Anselm College; M.A., Bridgewater State College; Ph. D., Virginia Commonwealth University.

## **Business Administration**

Karl Alorbi (2002) Chairperson, Assistant Professor; B.A., University of Science & Technology, Ghana; M.S., Ph.D., University of Strathclyde, UK.

Brett Cooper (2012) Lecturer; B.A., University of Michigan; M.B.A., Rutgers University School of Business; J.D., Rutgers University School of Law.

Chanaz Gargouri (2012) Lecturer; B.S., University of Tunis III; M.B.A., Saint Peter's University;

John J. Hampton (2005) Professor of Business; A.B., Stetson University; M.B.A., D.B.A., George Washington University.

\*Joyce M. Henson (1982) Associate Professor; B.S., Keene State; M.B.A., Fairleigh Dickinson; M.A., Ph.D., Fordham.

Stephen John (2012) Associate Professor; B.S., Saint Peter's College; M.B.A., Fairleigh Dickinson University; Ed.D., M.A., Columbia University.

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Mary Kate Naatus (2010) Assistant Professor; B.A., College of New Jersey; M.B.A., NJIT; Ph.D. Rutgers University

## Chemistry

\*Joseph W. Brauner (1963) Professor; B.Ch.E., Villanova; Ph.D., Rochester.

Jessica Epstein (2005) Associate Professor; B.S., Georgia Institute of Technology; Ph.D., University of Maryland.

\*Patricia Ann Redden (1968) Chairperson, Professor; B.S., Cabrini; Ph.D., Fordham.

Hamid Yazdekhasti (2008) Assistant Professor; B.S., Western Michigan; Ph.D., City University, N.Y.

## Communication

Ernabel Demillo (2008) Lecturer; B.A., USC; M.S., Northwestern.

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Cynthia W. Walker (2005) Associate Professor; B.A., Douglass College; M.A., New School University; Ph.D., Rutgers University.

## Computer and Information Sciences

\*Donal T. MacVeigh, S.J. (1987) Chairperson, Professor; B.A., M.S., Fordham; M.Div., Woodstock; M.S., University of North Carolina; Ph.D., Syracuse University.

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## Criminal Justice

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## Economics and Finance

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## Education

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## English

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## Fine Arts

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\*Oscar G. Magnan, S.J. (1975) Professor, Director of the Art Gallery; M.F.A., San Alejandro (Havana); M.A., Oxford (England); M.A., Saint Mary's (Halifax); Ph.D., Sorbonne.

## History

David W. Gerlach (2007) Assistant Professor; B.A., Boston College; M.A., Ph.D., Pittsburgh.

\*Jerome J. Gillen (1973) Associate Professor; B.A., Saint Peter's College; M.A., Ph.D., Lehigh. \*Eugenia M. Palmegiano (1966) Professor Emerita; A.B., Georgian Court; M.A., Ph.D., J.D., Rutgers University.

Sheila J. Rabin (1992) Professor; B.A., SUNY (Stony Brook); A.M., Michigan; Ph.D., CUNY (The Graduate School).

\*John F. Wrynn, S.J. (1974) Chairperson, Professor; B.A., M.A., Fordham; Doc. in Litt., University of Amsterdam.

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## Mathematics

John E. Hammett III (1999) 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.

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; M.S., Ph.D., Rutgers University.

\*Gerard P. Protomastro (1976) Professor; B.A., Montclair State, M.A., Massachusetts, Ph.D., Clemson

Katherine M. Safford-Ramus (1996) Professor; B.S., Chestnut Hill College; M.A., Jersey City State College; Ed.D., Rutgers University.

\*Michael B. Sheehy (1989) Chairperson, Associate Professor; B.S., Assumption; M.S., Ph.D., Kansas State.

\*Larry E. Thomas (1970) Professor; B.S., Rose Polytechnic Institute; M.S., Ph.D., Rensselaer.

## Modern & Classical Languages & Literatures

Kristina Chew (2005) Associate Professor of Classical Languages, Literatures, and Civilizations; B.A., Princeton; Ph.D., Yale.

Mark DeStephano, S.J. (1995) Chairperson, Professor of Romance Languages & Literatures; B.A., Fordham; M.Div., S.T.B., S.T.L., Th.M., Toronto; M.A., Ph.D., Harvard.

Maria Luisa Graziano (2005) Associate Professor of Italian; B.A.; M.A. Naples; Ph.D., Columbia.

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## Nursing

Patricia Ahearn (2011) Clinical Lecturer; B.S.N., M.S.N. Saint Peter's University.

Barbara Crowley (2007) Coordinator Nurse Practitioner Program, Assistant Clinical Professor; B.S.N., M.S.N., A.P.N., Saint Peter's University, Board Certified.

Corinne Ellis, (2012) Assistant Professor; B.S.N., Duke University; M.S.N. A.P.N. University of Massachusetts Lowell; D.N.P. Fairleigh Dickinson University, Board Certified.

Lisa Garsman (2007) B.S.N. Program Director, Assistant Clinical Professor; B.S.N., Fairleigh Dickinson University; M.S., A.P.N., Rutgers The State University of New Jersey; F.N.P., Board Certified.

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Irene McEachen (2002) Coordinator Case Management Program, Associate Professor; B.S.N., Fairleigh Dickinson University; M.S.N., College of Physicians & Surgeons, Columbia University; M.Ed., Ed.D., Teachers College, Columbia University.

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## Philosophy

Peter P. Cvek (1988), Associate Professor; B.A., St. Vincent; M.A., Ph.D., University of Kansas.

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Daniel W. Murphy (2007) Associate Professor; B.A., Georgetown; M.A., Ph.D., Louvain.

\*Lisa A. O'Neill (1993), Chairperson, Professor; B.A., St. Joseph's; M.A., Ph.D., Temple.

## Physics

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WeiDong Zhu (2007) Assistant Professor; B.S., M.S., Soochow University; Ph.D., Stevens Institute of Technology.

## Political Science

\*Anna J. Brown (1992) Associate Professor, Director of Social Justice Program; B.A., Allentown College of St. Francis de Sales; M.A., Ph.D., Fordham.

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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.

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## Psychology

Frederick Bonato (1995) Professor; B.A., M.A., Ph.D., Rutgers University.

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Joshua Feinberg (2003) Associate Professor; B.A., Cornell; M.S., Ph.D., Rutgers University.

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\*Leonor Lega (1978) Professor Consejeria Psicologica (Counseling Psychologist); Universidad Del Valle (Colombia); Ph.D., Temple.

## Sociology and Urban Studies

Marilyn Cohen (2004) Associate Professor, Director of Women's Studies Program; B.A., Hofstra; M.A., New School; Ph.D., New School.

Donal Malone (1998) Associate Professor; B.A., City College of New York (CUNY); Ph.D., Sociology, City University of New York.

\*Thomas M. Mansheim (1968) Associate Professor; B.A., South Dakota; M.A., Detroit; M.S., Wisconsin (Milwaukee).

\*Joseph McLaughlin (1987) Professor; B.A., M.A., Saint Peter's College; Ed.D., Seton Hall.

\*David S. Surrey (1982) Chairperson, Professor; B.A., Ohio Wesleyan; M.A., Ph.D., New School for Social Research.

Alex Trillo (2005) Associate Professor, Director of Latin American and Latino Studies; B.A, Univ. of California (Irvine); M.A., Ph.D., SUNY at Stonybrook.

Deirdre Conlon ( ) BA, Trinity College Dublin; MA, City University of New York (Hunter College); Ph.D., Graduate Center, City University of New York (GC, CUNY).

## Theology

Maria Calisi (2000) Associate Professor; B.A., M.A., Ph.D., and Fordham University.

\*Eileen P. Flynn (1982) Professor; B.S, Fordham; M.A., Immaculate Conception; Ph.D., Fordham.

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) Chairperson, Assistant Professor; B.S., Georgetown; M.Div., S.T.L., Weston; S.T.D., Gregorian (Rome).

Jose-Luis S. Salazar, S.J. (2009) Assistant Professor; B.S., Divine Word University (Philippines); S.T.B., Missionary Institute-London; S.T.L., Weston School of Theology; Ph.D., Radboud (Katholieke) Universiteit, The Netherlands.

## Saint Peter's University Libraries

\*David Hardgrove (1988) **Director of Libraries**; B.A., Montclair State; M.L.S., Rutgers University.

Daisy DeCoster (2008) Senior Assistant Librarian for Outreach and Instruction; B.A., **University of Richmond (VA)**; M.L.I.S., **University of Tucson (AZ)**.

Mark Graceffo (1997) Coordinator of Englewood Cliffs Library ; B.A., Northeastern; M.S.W., Columbia University; M.L.S., Queens College (CUNY).

\*Thomas J. Kenny (1986) Associate Librarian and Head of Public Services; B.A., Manhattan; M.A., Columbia; M.S.L.S., Pratt; Ph.D., New York University.

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, Philadelphia (PA), Dip. 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, Morgantown; M.S.I.L., University of Illinois at Urbana-Campaign.

\* *Bene Merenti*

## 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

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.  
Kimberly Magtalas, M.D.  
John Ruppert M.S  
Christopher Pellino, D.C.

### Business Administration

Schnewer Awad, M.B.A.  
Frank A. Calvosa, M.B.A.  
Gerald J. Bifulco, M.B.A.  
Eugene R. Boffa, Jr., J.D.  
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.  
Chanaz Gargouri, M.B.A.  
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.  
Nurka "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.  
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Anthony J. Tortorella, M.B.A.

## **Criminal Justice**

Heath Brightman, Ed.D.  
Ellen Egan, M.A.  
Giuseppe M. Fazari, Ph.D.  
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.  
Thomas Pittarese, M.A.  
Hector Rodriguez, M.A., D.Min.  
Brian Royster, Ed.D.

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 Paronavitana, Ph.D.  
Perc Pinada  
Taghi Ramin, Ph.D.  
Surinder Singh, M.B.A.  
Rubina Vohra, Ph.D.

## **Education**

Edward Aguiles, 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.  
Anthony Price M.A.  
Peter O'Brien, S.J., 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.  
\*Frank V. Manfredi, M.Mus.  
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**

John Dadas, Ed.D  
James J. Dondero, M.A.  
Rudy A. Kelly, M.A.  
\*James M. Kiernan, M.A.  
Paul Knox, M.B.A.  
\*Bernard F. McNeilly, M.S.T.  
Raymond Moonsammy, M.B.A.  
Lamberto Nieves, M.S.  
Robert Silvera, M.A.  
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.  
 Carlos Tapia, Ph.D.  
 Ingrid Torres, M.A.  
 Jonathan F. Thomson, M.Ed.  
 Asterio Velasco, M.A.  
 Bing Wang, M.A.  
 Edna Zalenski, M.Ed.

## **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.  
 Peter Herbst, M.S.W.  
 Fadia Joseph, MBA-MIS

Scott Lizama, M.F.A.  
Boon Ngeo, M.A.  
Lin Walker, 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** (1989) Associate Professor Emeritus of Business Administration

**Alessandro Calianese** (1961) Professor Emeritus of Computer Science

**Josefine Castán** (1960) Professor Emeritus of Spanish

**Gregory P. Cinnella** (1953) Professor Emeritus of Accountancy

**William Cole-Kiernan** (1964) Professor Emeritus of Philosophy

**Marjorie M. Collier** (1976) Professor Emeritus of Biology

**Doris L. Collins** (1981) Professor Emeritus of Nursing

**George E. Condoyannis** (1956) Professor Emeritus of Modern Languages

**Jeffrey Cross** (1985) Associate Professor Emeritus of Business Administration

**Angelo Danesino** (1952) Professor Emeritus of Psychology

**Luisa de la Torre** (1966) Professor Emeritus of Spanish

**James E. Del Vacchio** (1973) Professor Emeritus of Accounting

**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

**Adriana Gibbs** (1978) Associate Professor Emeritus of Modern Languages

**Neal R. Goodman** (1971) Professor Emeritus of Sociology

**James Grant** (1958) Professor Emeritus of Physics

**James J. Harrison** (1976) Associate Professor Emeritus of Business Law

**Connor P. Hartnett** (1960) Professor Emeritus of English

**Henry F. Harty** (1977) Professor Emeritus of Education

**William E. Huebner** (1954) Professor Emeritus of Management and Marketing

**B. Melvin Kiernan** (1959) Professor Emeritus of Mathematics

**Herman Lieberman** (1978) Assistant Professor Emeritus of Business Administration

**T. Patrick Lynch, S.J.** (2007) Professor Emeritus of English

**George E. Martin** (1969) Professor Emeritus of Political Science

**John McElroy** (1966) Professor Emeritus of English

**Philip Mooney** (1971) Professor Emeritus of Theology

**Samuel Morneweck** (1970) Professor Emeritus of Chemistry

**Elizabeth Nelson** (1987) Professor Emeritus of English

**James S. Nolan** (1961) Professor Emeritus of Education

**Eugenia M. Palmegiano** (1966) Professor Emeritus of History

**Joseph L. Papay** (1952) Professor Emeritus of Philosophy

**Herman K. Platt** (1963) Professor Emeritus of History

**Mary C. Pontrelli** (1973) Associate Professor Emeritus of Modern & Classical Languages and Literatures

**H. Terry Reid** (1979) Associate Professor Emeritus of Computer Science

**Katherine M. Restaino** (1975) Dean Emeritus

**John P. Ruane, S.J.** (1965; 1972) Professor Emeritus of Philosophy

**Francis T. Rush** (1964) Professor Emeritus of Mathematics

**John C. Schlereth** (1947) Professor Emeritus of Sociology

**Loren F. Schmidtberger** (1955) Professor Emeritus of English

**Grace W. Schut** (1947) Librarian Emeritus

**John J. Sein** (1962) Professor Emeritus of Physics

**Thomas L. Sheridan, S.J.** (1966) Professor Emeritus of Theology

**John St. George, S.J.** (1966) Professor Emeritus of Chemistry

**Victoria D. Sullivan** (1976) Professor Emeritus of English

**Irwin N. Talbot** (1979) Associate Professor Emeritus of Business Administration;

## **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

Michelle Lacey, B.S., Director of Web Strategies and Communications

Ray Andrusiak, B.F.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

### **Office of the Provost/Vice President for Academic Affairs**

\*Marylou Yam, Ph.D., Provost/Vice President for Academic Affairs

Mildred Mihlon, Ph.D., Associate Vice President for Academic Affairs and Assessment

Wendy M. Garay, MSEd, Director, Center for Global Learning

### **College of Arts & Science School of Business Administration**

Velda Goldberg, Ph.D., Academic Dean

\*Anna Cicirelli, Ed.D., Associate Dean/Dean of Upperclassmen

Nicole DeCapua, M.P.S., Dean of Freshmen and Sophomores

Louis Ruvolo, M.B.A., Director of Graduate Business Programs

Barbara Melchione, M.A., Director, Center for the Advancement of Language and Learning

Patrice McDonald, M.S.Ed., 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

Ana C. Rodriguez, M.A., EOF Counselor

Tushar Trivedi, M.S.W., Coordinator, Academic Success Program/International Student Coordinator

Tara Wuorinen, M.Ed., Academic/Athletic Coordinator

### **School of Education**

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

Maureen Blue, Ed.D., Director of Doctoral Programs

Michele Cassaro, B.A., Director of Field Experience and Certifications

### **School of Nursing**

Ann Tritak, B.S.N., Ed.D., Dean

Lisa Garsman, M.S., A.P.N., B.S.N. Program Director

Janice O'Brien, M.S.N., Ph.D., R.N.-B.S.N. Program Director

## **School of Professional & Continuing Studies and Summer Session**

Elizabeth Kane, M.B.A., Dean

### **JERSEY CITY CAMPUS:**

Donna Furina, M.B.A., Academic Adviser

Fadia Joseph, M.B.A., Director of Public Policy Program

### **ENGLEWOOD CLIFFS CAMPUS:**

Elena M. Cintron, B.A., Assistant Registrar/Bursar

Sandra Macurak-Birek, M.A., Academic Adviser

## **Office of Enrollment Management and Marketing**

Jeffrey Handler, Vice President for Enrollment Management and Marketing

Beth Sullivan, M.S., Dean of Undergraduate Admission

Kacey Tillotson, B.A., Associate Director

Maryanne Mattson, B.S., Senior Assistant Director/Transfer/BSN Coordinator

Alicia Cook, M.B.A., Assistant Director

Daisy Guasch, B.A. Assistant Director

Sony Rodriguez, B.A., Senior Assistant Director

Dimana Neykova, B.S., Admission Counselor

Brian Klein, B.S. , Admission Counselor

Pamela de Leon, B.A. , Admission Counselor

## **Enrollment Services Center**

Irma M. Williams, M.Ed., Registrar and Dir. of Student Accounts

Jennifer Ragsdale, M.Ed., Director of Financial Aid

Pablo Orantes, M.B.A., Associate Director of Financial Aid

Lazaro Herrera , Financial Aid Counselor

Kamla Singh, M.B.A., Associate Registrar

Arlene Faden, Assistant Registrar

Aditi Chopra M.B.A., Assistant Director of Student Accounts

Katherine Khan, B.F.A., Financial Aid Counselor

Lorena Loayza, Financial Aid Counselor

Shannon Porch, B.S., Financial Aid Counselor

Katherine Trovato, M.Ed., Financial Aid Counselor

## **Faculty Research and Sponsored Programs**

Andrea Bubka, Ph.D., Director

David Surrey, Ph.D., Director of Faculty Development

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Hector Paredes, Controller

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Arthur J. Youmans, B.S., Director of Campus Safety

Joseph Coyle, B.A., Assistant Director of Campus Safety

## **College Services**

Anna DePaula, Director of College Services/Facilities and Telephone Services

## **Facilities Management**

Walter J. Ostrowski, Director

## **Human Resources**

Joseph A. DeSciscio, B.S., Director of Human Resources and Affirmative Action Officer

Marianne Macri, Human Resources Assistant

Martiza Urbina, Benefits Clerk

## **Mail and Printing Services**

Alan Mulholland, Supervisor of Mail and Printing Services

## **Room Reservations and Special Events**

Judith Hanley, Project Coordinator

## **Office of Information Technologies**

Dale Hochstein, Chief Information Officer

Maryann Picerno, Administrative Aide

## **Administrative Systems**

Michael DeVarti, B.A., Director of Administrative Systems

Nadira Hyder, B.S., UNIX Systems Administrator

Daniel Guillen, B.S., Programmer/Analyst

## **Network Services**

Bert Vabre, Technical Director

Thomas Martemucci, Telecommunication Manager

Al-Rabb Lewis, Network Engineer

Michael R. Cristallo, Systems Support Technician

## **User-Support Services**

Carlo Magno A. Macaraig, B.S., User Services Manager

Eddie Rodriguez, B.A., Helpdesk Technician

Joseph Sullivan, Operations Specialist

## **Instructional Technology**

Renee Evans, M.S. Instructional Design Specialist

## **Media Services**

William Knapp, M.A., Director of Special Events and Projects

## **Office of the Vice President for Ministry and Mission**

Michael Braden, S.J., Vice President for Mission and Ministry

## **Campus Ministry**

Rocco Danzi, S.j., M.A., M.Div., Prof. Dipl., Director

Erich Sekel, M.A., Associate Director of Campus Ministry for Community Service

Brian Carreira, M.Div., Assistant Director of Campus Ministry for Retreats and Spiritual Life

Jeffrey Peak, M.A., Campus Minister for Community Service

## **Office of the Vice President for Advancement and External Affairs**

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Ana Cravo, CFRE, B.A., Director of Planned Giving

Wilton Fontenette, M.A., Manager of Prospect Research

Rebecca Kalejaye, B.A., Manager of Corporate and Foundation Relations

Leah Leto, M.Ed., '05, Assistant Vice President for Advancement

Donna Lindsey, Advancement Officer

Sharon Morrissey, M.B.A., Leadership Gifts Officer

Robert Pagano, B.A., '78, Senior Manager of Advancement Records

Claudia Pope-Bayne, B.S., Manager of Donor Relations

Jonathan Staunch, B.A., Leadership Gifts Officer

Mukta Varsani, , B.S. '06, M.B.A., '11 , Assistant Manager of Advancement Records

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Jenny Campbell, B.S. '10 Alumni Relations Officer

Gloria Mercurio M.A., Director of Alumni Relations

## **University Communications**

Sarah V. Malinowski, B.A., Director of University Communications

Angeline R. Boyer, B.A., Media Relations Officer

Cecilia Martinez, B.A., Communications Officer

Cathy Mernar, Project Coordinator

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Anthony Skevakis, Dean of Students

## **Experiential Learning & Career Services**

\*Peter M. Gotlieb, Ed.D., Associate Dean for Experiential Learning & Career Services

\*Sondra E. Buesing-Riley, B.A., Director of Cooperative Education

\*Crescenzo G. Fonzo, M.A., Director of Career Services

Linda Mulholland, Employer Relations Coordinator/Office Manager, Cooperative Education

Janice Hurley, Recruitment Coordinator/Office Manager, Career Services

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Anna M. Stacey, R.N., Director

Vincent J. Serafino, M.D., Consulting Physician

## **Personal Development**

Ronald H. Becker, L.C.S.W., R.-C.S.W., Director

Colleen Szefinski, M.S., L.P.C., L.C.A.D.C., C.C.S., Assistant Director

Jessica Disla, L.S.W., Counselor

## **Recreational Life Center**

David A. Bryngil, M.A., Director

Mohamed Abdelaal, Coordinator of Aquatics

Patricia A. Gentile, M.A., Coordinator of Recreational Programming

Alberto Padilla, Facility Administrator

\*Michael Burgess, Facility Administrator

## **Residence Life**

Rochelle Gabriel, M.P.A., Director of Residence Life

Crystal Lopez, M.A., Assistant Director of Residence Life for Operations

Karen D. Connolly, Office Manager

Omar Mahmoud, B.S., Community Dir. (East Campus)

Khalif Jackson, M.A., Community Dir. (West Campus)

Samana Bhatta, B.S., Graduate Assistant for Residence Life

Rodneisha McCathern, B.A., Graduate Assistant for Residence Life

## **Student Activities**

Jan M. Reimer, M.A., Director

J. Cole Rinck, M. Ed., Assistant Director

Kevin Cummines, MFA, Performing Arts Coordinator

Debra Wendolowski, Bookkeeper/Receptionist

## **Intercollegiate Athletic Staff**

Joseph A. Quinlan, Jr., M.A., Director of Athletics

Maria Massoni, B.S., Assistant Director of Athletics for Business Operations



Lisa D. Archbald, M.A., Associate Director of Athletics for Compliance/SWA

Daniel J. Drutz, M.A., Assistant Director of Athletics/Sports Communications Director

Ze Zeon, M.A., Asst. Director of Athletics for Facilities and Operations

Sean N. Powers, M.S., Equipment Supervisor

Angel Montafiez, M.S., ATC, Assistant Trainer

Erik Lindstrom, ATC, Assistant Trainer

Consuelo A. Lorenzo, Department Secretary

Coaching Staff Men's Basketball

John E. Dunne, M.A., Head Coach

Bruce Hamburger, B.S., Asst. Coach

Marlon Guild, B.A., Asst. Coach

Women's Basketball

Stephanie L. DeWolfe, B.A., Head Coach

Tiffany Jones, B.S., Asst. Coach

Thomas Flahive, B.A., Asst. Coach

Baseball

Sean Cashman, Head Coach

Joseph Romano, B.A., Asst. Coach

Cheerleading

Yvonne Gonzales-Bonacci, B.A., Head Coach

Golf

Peter J. Falloon, M.B.A., Head Coach

Men's Soccer

Julian Richens, B.S., Head Coach

Matt Friel, B.A., Asst. Coach

Women's Soccer

Brett Sarsfield, B.A., Head Coach

Katie Gebhard, B.S., Asst. Coach

Softball

Ranae Bart, Head Coach

Carolyn McCrea, Volunteer Asst. Coach

Samantha Mayer, Volunteer Asst. Coach

Men's Swimming

Mohamed Abdelaal, B.S., Head Coach

J. Frank Thomson, M.A., Asst. Coach

Women's Swimming

Mohamed Abdelaal, B.S., Head Coach

J. Frank Thomson, M.A., Asst. Coach

Men's Tennis

Michael Scolamieri, M.A., Head Coach

Elisabeth Scolamieri, B.A., Asst. Coach

Women's Tennis

Michael Scolamieri, M.A., Head Coach

Elisabeth Scolamieri, B.A., Asst. Coach

Men's/Women's Track

Michael P. Massone, B.S., M.A., Head Coach

Michael Gatto, B.A., Asst. Coach

Men's / Women's Cross Country

Michael P. Massone, B.S., M.A., Head Coach

Michael Gatto, B.A., Asst. Coach

Women's Bowling

David A. Freeman, Head Coach

Volleyball

Andrew Brown, Head Coach

Kimberly Mendoza, Asst. Coach

Liliana Rodriguez, Asst. Coach

# Courses of Instruction

## 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 Designation 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 College 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     | Communications                  |
| 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 | Women's Studies     |

## Course Descriptions

### AB Courses

#### **AB-113. Elementary Arabic I. 3.00 Credits.**

An introduction to the sounds writing syntax and vocabulary of standard Arabic with special attention given to the basic skills of listening speaking reading and writing.

#### **AB-114. Elementary Arabic II. 3.00 Credits.**

An introduction to the sounds writing syntax and vocabulary of standard Arabic with special attention given to the basic skills of listening speaking reading and writing.

### AC Courses

#### **AC-151. Principles of Accounting I. 3.00 Credits.**

Fundamental principles of accounting for business entities the reporting of financial information to users basic considerations underlying financial and cost accounting data from a management point of view.

#### **AC-152. Principles of Accounting II. 3.00 Credits.**

Fundamental principles of accounting for business entities the reporting of financial information to users basic considerations underlying financial and cost accounting data from a management point of view.

#### **AC-197. Personal Taxes. 3.00 Credits.**

A basic practical understanding of Federal income tax laws for the non-accounting major Emphasis on preparation of the basic income tax return.

#### **AC-198. Acct & Fin Reprtg: Non-Profit. 3.00 Credits.**

Fundamentals of accounting and financial reporting common to all non-profit organizations with major emphasis on principles and concerns.

#### **AC-199. Budg & Cost Cont: Non-Profit. 3.00 Credits.**

Budgets their preparation and use to control the financial activities of the organization.

#### **AC-295. Co-Op. 3.00 Credits.**

#### **AC-325. Forensic Accounting. 3.00 Credits.**

A basic practical understanding of Forensic Accounting as a management tool Prereq: Ac-152.

#### **AC-331. Intermed Accounting Theory I. 3.00 Credits.**

Traditional financial accounting topics including recent developments by the leading professional accounting organizations.

#### **AC-332. Intermediate Accounting Theory II. 3.00 Credits.**

Traditional financial accounting topics including recent developments by the leading professional accounting organizations.

#### **AC-341. Advanced Accounting Theory. 3.00 Credits.**

Study of specialized subject areas rounding out the accounting knowledge required by the beginning career accountant.

#### **AC-420. Principles of IT Auditing. 3.00 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 Prereq: AC-151 or IS-380 or permission of instructor.

#### **AC-443. Cost Accounting. 3.00 Credits.**

Study of cost accounting information systems and their importance as an essential management tool.

#### **AC-444. Auditing Principles. 3.00 Credits.**

Study of auditing standards associated with the examination of corporate accounts Emphasis on audit objectives.

#### **AC-455. Taxation. 3.00 Credits.**

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

#### **AC-460. Accounting Information Systems. 3.00 Credits.**

Study of managerial accounting systems covering the monitoring of the accumulation summarizing and reporting of accounting within the organization.

**AC-472. Government and Fund Accounting. 3.00 Credits.**

Comprehensive study of principles of Government and Fund Accounting and their practical application.

**AC-474. Acctg for Intercorp Investment. 3.00 Credits.**

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

**AC-490. Accounting Internship. 3.00 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 Prereq: AC-341.

**AC-498. Seminar in Accounting. 3.00 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.

**AN Courses****AN-100. Introduction to Asian Studies. 3.00 Credits.**

An introduction to the geography history and cultures of Asia as well as to Asian studies as an academic discipline.

**AN-113. Elementary Mandarin Chinese I. 3.00 Credits.**

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

**AN-114. Elementary Mandarin Chinese II. 3.00 Credits.**

An introduction to the tones pronunciation characters and basic grammatical principles of Mandarin Chinese Only for students with no previous Mandarin Prereq: AN-113 or JP-113 or Instructor approval.

**AN-130. Elementary Japanese I. 3.00 Credits.**

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

**AN-131. Elementary Japanese II. 3.00 Credits.**

An introduction to the basic language skills of speaking reading listening and writing Japanese through a variety of media Prereq: AN-130 or JP-130 or Instructor approval.

**AN-134. Intermediate Japanese I. 3.00 Credits.**

Further practice to master the basic concepts of rudimentary communication in Japanese Prereq: AN-131 or JP-131 or Instructor approval.

**AN-135. Intermediate Japanese II. 3.00 Credits.**

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

**AN-146. Advanced Japanese I. 3.00 Credits.**

Continued practice in the pronunciation lexicon and syntax of Japanese with greater attention given to the writing system Prereq: AN-135 or JP-135 or Instructor approval.

**AN-147. Advanced Japanese II. 3.00 Credits.**

Continued practice in the pronunciation lexicon and syntax of Japanese with greater attention given to the writing system Prereq: AN-146 or JP-146.

**AN-165. Intermediate Mandarin Chinese I. 3.00 Credits.**

Further practice in the tones pronunciation characters and basic grammatical principles of Mandarin Chinese Prereq: AN-114 or CN-114 or 1-2 years of High School Mandarin or Instructor approval.

**AN-166. Intermediate Mandarin II. 3.00 Credits.**

Continued study of tones pronunciation vocabulary and essential grammatical structures aimed at improving competence in the four language skills: listening speaking reading and writing Prereq: AN-165 or CN-133.

**AN-228. Asian Film. 3.00 Credits.**

This course introduces students to the history of Asian film industries and landmark films They will look at the major films and film makers of Hong Kong Japan Taiwan and Korea as well as the popularity of the anime phenomenon and Indian Bollywood films.

**AN-320. Marco Polo & the Silk Road. 3.00 Credits.**

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

**AN-356. Sex Gender & Identity in Asian-American. 3.00 Credits.**

Sex Gender & Identity in Asian-American Literatures Study of the role of sex and gender in the construction of identity as explored by Asian- American writers.

**AN-366. Mapping Asian & Latino Bodies. 3.00 Credits.**

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

**AN-384. Art & Buddhism. 3.00 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-400. Spanish Literature of the Philippines. 3.00 Credits.**

A survey of the literature of the Philippines written in Spanish this course will explore the nation's Spanish heritage in its aesthetic and sociohistorical context Prereq: SP-134 or SP-136 or SP-199 or Instructor approval.

**AN-430. Global Business: Regional Study. 3.00 Credits.**

An interdisciplinary in-depth study of global business in a select region of the world Prereq: BA-458 or instructor approval.

**AR Courses****AR-110. Art in the City. 3.00 Credits.**

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

**AR-120. Greek Theater. 1.00 Credit.**

Students will read and discuss dramatic works by the ancient Greeks and adaptations of them They will perform staged readings and performances of the materials they study and sometimes of material which they themselves create.

**AR-127. Intro to the Visual Arts. 3.00 Credits.**

A comprehensive study of art history focusing on important masterpieces styles and significant artists By examining painting sculpture and architecture students realize the importance of art in society.

**AR-128. Intro to Music. 3.00 Credits.**

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

**AR-129. Davinci to Dali. 3.00 Credits.**

A study of painting sculpture and architecture beginning with the Renaissance and concluding with modern art.

**AR-131. Beginning Painting. 3.00 Credits.**

Introduction to variety of art paints grounds brushes techniques.

**AR-140. Figure Structure Workshop. 3.00 Credits.**

A study of the human figure in two and three dimensions working from a plaster model Proportions of the skeleton and mechanism of motion are emphasized.

**AR-151. College Chorale I. 1.00 Credit.**

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance) Graded P/F.

**AR-152. College Chorale II. 1.00 Credit.**

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance) Graded P/F Prereq: AR-151.

**AR-153. College Chorale III. 1.00 Credit.**

Semester's active participation (at least 15 hours) in one of the college's vocal arts ensembles (both practice and performance) Graded P/F Prereq: AR-151 AR-152.

**AR-154. College Chorale IV. 1.00 Credit.**

Semester's active participation (at least 15 hours) in one of the college's vocal art ensembles (both practices and performances) Graded P/F Prereq: AR-151 AR-152 AR-153.

**AR-156. Ceramic Workshop. 3.00 Credits.**

Introductory and intermediate techniques with clay Experience in hand shaped and wheel thrown processes and kiln firings.

**AR-157. Introduction to Photography I. 3.00 Credits.**

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

**AR-158. Introduction to Photography II. 3.00 Credits.**

Directed toward developing a personal style of picture taking this course includes dark-room experience in processing and printing black and white film.

**AR-159. Commercial Art Workshop. 3.00 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 & Composition Workshop. 3.00 Credits.**

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

**AR-161. Painting Workshop. 3.00 Credits.**

Studio work: texture color and space are studied.

**AR-162. Painting and Drawing Workshop. 3.00 Credits.**

Studio work: basic techniques.

**AR-163. Painting Technique. 3.00 Credits.**

Studio work: learning diverse painting techniques and media.

**AR-164. Abstract Ptg Wkshp. 3.00 Credits.**

Studio work: working with non-representational expression.

**AR-165. Figure Painting Workshop. 3.00 Credits.**

Studio work: study of the human form in color.

**AR-166. Sculpture Workshop. 3.00 Credits.**

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

**AR-171. Live Model Figure Drawing Wksp. 3.00 Credits.**

Studio work: study of artistic anatomy from live models.

**AR-172. Landscape Ptg Wshp. 3.00 Credits.**

Beginning approaches to landscape painting including composition perspective and texture.

**AR-175. Acting Workshop I. 3.00 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. 3.00 Credits.**

Continuation of part I including presentations for theatre and video space Creation of video suitable for use as an audition piece.

**AR-205. Ceramic Workshop II. 3.00 Credits.**

Intermediate course in ceramics with emphasis on higher level pottery skills and hand-built ceramics.

**AR-210. Art in the Museums. 3.00 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. 3.00 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. 3.00 Credits.**

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

**AR-214. Art Advertising and Design. 3.00 Credits.**

Appreciation of the non-verbal communication of visual images: light color shape line texture design principles etc Studies through projects creating effective advertising images.

**AR-215. Medieval Art. 3.00 Credits.**

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

**AR-220. Introduction to Computer Art. 3.00 Credits.**

Designed to introduce the student to using the computer for design in Quark Xpress photo manipulation in Photoshop and illustration in Illustrator Both for artist and non-artist graphic arts or internet Projects form basis of professional portfolio.

**AR-224. Digital Imaging With Photoshop. 3.00 Credits.**

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

**AR-225. The Origins of Modern Art. 3.00 Credits.**

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

**AR-226. Contemporary Art. 3.00 Credits.**

A study of art beginning with its Post Impressionist roots through the present day.

**AR-229. Baroque Art. 3.00 Credits.**

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

**AR-231. Egyptian Art. 3.00 Credits.**

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

**AR-232. Art and Desktop Publishing. 3.00 Credits.**

Creation of a brochure mailer newsletter or magazine at home or in business Use of current programs per business world standards Emphasis on aesthetic concerns.

**AR-238. The Science of Art. 3.00 Credits.**

Materials of art and artifacts scientific and technical principles underlying the creation of art works authentication and forgery deterioration due to time and environment restoration techniques Three class periods weekly.

**AR-240. Cultural Diversity in Art. 3.00 Credits.**

Through guided visits to various ethnic art museums/ collections (such as Asia Society Japan Society China Institute African Art Museum Museum of the American Indian Jewish Museum) students experience cultural diversity A multi-cultural course which broadens Students' appreciation of ethnic identities through the study of ethnic art.

**AR-241. Asia and Africa: Art. 3.00 Credits.**

Introduction to the great non-western art traditions mainly through direct art encounters at museums.

**AR-242. Computer Illustrator. 3.00 Credits.**

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

**AR-248. Computer Painter. 3.00 Credits.**

Introduction to the uses of traditional artist's tools utilized in the current technological environment For both artist and non-artist making a photograph look like an oil painting Animation capabilities.

**AR-249. Figure Drawing II Workshop. 3.00 Credits.**

Emphasizes proportion foreshortening and the use of light and shadow The aim is naturalism in the figure.

**AR-250. Live Performance Art. 3.00 Credits.**

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

**AR-253. Environmental Art & Issues. 3.00 Credits.**

The course is designed to look at environmental issues through the interpretations of an artistic venue We will explore how interdisciplinary environmental discussions within academic and activist communities can inform the artist and their work as well as society at large The structure of the class will include research in topics such as eco-ethics animal rights environmental justice ?green? consumerism and eco-activism The work created in the class be it visual or written will be presented to the college in a gallery space website and/or through a public dialogue on campus for Saint Peter's College students and the community at large The course is geared toward a range of disciplines within and outside the arts inviting a wide range of students to take this course.

**AR-255. Live Musical Art. 3.00 Credits.**

Attendance at live musical events in the metropolitan area A wide range of music is sampled and discussed through direct experience.

**AR-256. Theatre Performance I. 1.00 Credit.**

Active stage performance in Argus Eyes production for one semester.

**AR-257. Theatre Performance II. 1.00 Credit.**

Active stage performance in Argus Eyes production for one semester Prereq: AR-256.

**AR-258. Theatre Performance III. 1.00 Credit.**

Active stage performance in Argus Eyes production for one semester Prereq: AR-256 AR-257.

**AR-259. Theatre Performance IV. 1.00 Credit.**

Active stage performance in Argus Eyes production for one semester Prereq: AR-256 AR-257 AR-258.

**AR-263. Advanced Painting I Workshop. 3.00 Credits.**

Foundation understanding of structure and mass of objects especially the human body in relation to the surrounding space Pastels and the fundamentals of oil technique.

**AR-265. Sightsinging I. 3.00 Credits.**

Vocal training Alexander principles Solfege vocal presentation music theory.

**AR-266. Sightsinging Techniques II. 3.00 Credits.**

Advanced music theory solfege physical and vocal presence the vocalist on stage Prereq: AR-265.

**AR-267. History of Graphic Art. 3.00 Credits.**

This course investigates the evolution of Graphic Arts The focus of the class will be on individual artists movements and technologies exploring the relationship between design and its viewers as well as analyzing the visual attributes that make a work of art.

**AR-268. Sculpture II. 3.00 Credits.**

Advanced sculpture techniques in either clay wood and stone.

**AR-272. The Story of Jazz. 3.00 Credits.**

The startling phenomenon of American jazz from its beginning in New Orleans to the present time.

**AR-273. The Story of Rock. 3.00 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. Music: Amer Stage B'way Mscls. 3.00 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-278. Music in America. 3.00 Credits.**

American music from its beginning focusing on the 20th Century: Sousa Scott Joplin Gershwin Ives Copeland Jazz and popular styles will be studied.

**AR-279. Watercolor Painting. 3.00 Credits.**

Introduction to watercolor painting techniques watercolors papers brushes methods.

**AR-282. Beginning Piano. 3.00 Credits.**

Exercises and songs in the three simple keys (C G F A E D) Songs and piano pieces will be practiced and performed For beginners.

**AR-283. Piano Workshop II. 3.00 Credits.**

Intermediate level of piano study new techniques and performances.

**AR-287. World Music. 3.00 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. 3.00 Credits.**

Students will meet in Manhattan to view and analyze contemporary films often before they are released to the general public. At times the filmmakers are likely to participate. The course will give students a knowledge of the contemporary film scene as well as skills in film analysis.

**AR-295. Co-Op. 3.00 Credits.****AR-335. Art Apprec (Aesthetics) I. 3.00 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 Apprec (Aesthetics) II. 3.00 Credits.**

A study of various contemporary trends in art.

**AR-337. Advanced Photography. 3.00 Credits.**

Intensive darkroom work to produce exhibition quality portfolios. Technical information will be stressed.

**AR-338. Ethics and Photography. 3.00 Credits.**

The writings of AD 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. 3.00 Credits.**

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

**AR-340. The Visual Arts in America. 3.00 Credits.**

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

**AR-350. Typography. 3.00 Credits.**

Placement, sizing, personality, color, tracking, kerning, leading, and other aspects of type plus its history and use as abstract design elements. Student create fonts.

**AR-355. The Nude in Art. 3.00 Credits.**

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

**AR-356. Gods & Athletes: Greek & Roman Art. 3.00 Credits.**

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

**AR-360. Monet and Renoir. 3.00 Credits.**

Focused study of the art of the Impressionists centered on Monet and Renoir as well as their artistic proteges: Cezanne, Degas, Lautrec, Gauguin, VanGogh. Use of contemporary writings provide perspectives on their art.

**AR-361. Color Photography I. 3.00 Credits.**

This course explores the theory, manipulation, lighting (daylight and flash) and the printing of color photography.

**AR-363. Advanced Painting II Workshop. 3.00 Credits.**

Underlayering of oil paints, glazing techniques, scumbling, and velatura.

**AR-364. Advanced Paint II. 3.00 Credits.**

Further development of a personal style with oils or acrylics.

**AR-366. Tools of Graphic Art. 3.00 Credits.**

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

**AR-367. Advertising and Packaging Design. 3.00 Credits.**

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

**AR-368. Graphic Design. 3.00 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.

**AR-372. Landscape Painting Workshop II. 3.00 Credits.**

Advanced media and techniques expanding notions of landscape, experimental approaches.

**AR-375. Capturing & Constructcamera Raw & Iphoto. 3.00 Credits.**

This course is designed to introduce the student to the creative and technical possibilities of photography and digital media. Hands-on sessions as well as demonstrations will enable the student to learn the basics of using a digital camera and the imaging software Photoshop, Camera Raw, and iPhoto. Topics to be covered 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. Prereq: AR-224, Coreq: AR-376.

**AR-376. Capturing &constructin Digita Photograph. 3.00 Credits.**

This course is designed to introduce the student to the creative and technical possibilities of photography and digital media Hands-on sessions as well as demonstrations will enable the student to learn the basics of using a digital camera and the imaging software 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 Prereq: AR-157 Coreq: AR-375.

**AR-381. Art of Web Design. 3.00 Credits.**

Explores artistic aspects ideas and techniques of Web design using Dreamweaver creation of text tables images and forms a website.

**AR-382. Piano Workshop. 3.00 Credits.**

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

**AR-383. Computer Animation Flash I. 3.00 Credits.**

Basic principles of animation with Image Ready enhanced by Flash application.

**AR-384. Art and Buddhism. 3.00 Credits.**

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

**AR-386. Art and Hinduism. 3.00 Credits.**

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

**AR-390. Computer Web Animation. 3.00 Credits.**

Flash application to create web animation Controlling timelines libraries and palettes to generate works for web or professional presentation Also Vector Graphics.

**AR-399. Tutorial. 3.00 Credits.****AR-410. Piano Workshop II. 3.00 Credits.**

Advanced piano technique emphasis on style and performance.

**AR-413. Piano Workshop III. 3.00 Credits.**

Intermediate level of piano study new techniques and performances.

**AR-414. Piano Workshop IV. 3.00 Credits.**

Advanced study of piano technique and performance.

**AR-420. New York Theatre Live. 3.00 Credits.**

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

**AR-421. Advanced Theatre Performance I. 1.00 Credit.**

Leading role performance in Argus Eyes production for one semester.

**AR-422. Advanced Theatre Performance II. 1.00 Credit.**

Leading role performance in Argus Eyes production for one semester.

**AR-425. Women in Art. 3.00 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. Sr Thesis:project&portfolio Presentation. 3.00 Credits.**

This class is designed to provide the Studio Art and Graphic Design student with a cumulative experience of their major A completed portfolio representing the studio area of specialization along with a written statement of personal philosophy in the development of the visual imagery will be presented in the form of a show A wide variety of career-oriented topics will be discussed Resume cover letters and other self-promotional and business skills will be addressed.

**AR-431. Internship in the Field. 3.00 Credits.**

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

**AR-449. Figure Drawing III Workshop. 3.00 Credits.**

Emphasis on composition of figure in pictorial space The figure in motion.

**AR-463. Advanced Painting III Workshop. 3.00 Credits.**

Focused on compositional accuracy Painting is developed gradually over foundation layers Use of grisaille dead color glazing opaque and semi opaque paints Exploration of a variety of mediums over a variety of under layers.

**AR-466. Sculpture III Workshop. 3.00 Credits.**

Carving from wood and soft stone is introduced.

**AR-473. Shakespeare: From the Page to the Stage. 3.00 Credits.**

Since Shakespeare's plays were intended to be performed live not read in silence we will both critically analyze a selection of his works and then bring the texts alive in performance employing both original theatrical practices and modern acting techniques Prereq: 1 group: EL-123 EL-134 HP-119 HP-120.

**AR-495. Advanced Painting IV Workshop. 3.00 Credits.**

Use of student's personal creativity: transposing objects worked in the studio to more creative locations the alteration of light and color creative imagination developed.

**AR-499. Short-Term Study Abroad. 3.00 Credits.****AS Courses****AS-130. Intro Latin American & Latino. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history culture politics and economic development- and Latino Studies which examines the experiences of people of Latin American descent in the U S.

**AS-177. Introduction to Africana Studies. 3.00 Credits.**

This course offers an introduction to the field of Africana Studies It includes the theoretical foundations for this discipline as well as an historical exploration of forces leading to emergence of artistic music poetry and social movements.

**AS-200. Ethnic and Racial Relations. 3.00 Credits.**

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

**AS-202. Urban Music: Jazz to Hip-Hop. 3.00 Credits.**

This course studies the history of urban music from jazz to rock and roll up to today's urban sounds The course will concentrate both on the music and its socioeconomic impact on the urban landscape.

**AS-213. Multiculturalism in Justice. 3.00 Credits.**

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

**AS-224. Black Hair and Identity in America. 3.00 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 Prereq: AS-175 AS-177 SO-121 or UR-151.

**AS-227. Sociology of Salsa. 3.00 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. 3.00 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 Prereq: AS-175 AS-177 SO-121 or UR-151.

**AS-242. Blacks Politics. 3.00 Credits.****AS-245. Haitians in America: Culture Identity. 3.00 Credits.**

Examines the history and experiences in America paying special attention to how and why Haitians come to the US It also explores patterns of settlement and mobility as well as interaction with other groups Prereq: AS-175 or AS-177 or SO-121.

**AS-251. Ethnic & Racial Politics in Us. 3.00 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-310. Feminist Political Theory. 3.00 Credits.**

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism Marxist feminism radical feminism and post-modern feminism.

**AS-320. Urban Legal Issues. 3.00 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. 3.00 Credits.**

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

**AS-324. Poverty & Inequality. 3.00 Credits.**

Description and analysis of the causes characteristics and consequences of poverty Links between poverty and inequality Measurement of the different dimensions of poverty and inequality Comparative analysis of poverty and inequality across countries Poverty reduction policies and strategies Prereq: EC-101 EC-102.

**AS-333. Black Community and the Law. 3.00 Credits.**

An examination of the role of the American legal process in African American history from 1619 to the present with concentration on laws and their application during the slavery and post-slavery era the early and mid 1900's and in modern rural and urban life Topics include civil rights constitutional property and criminal law.

**AS-340. Intercultural Relations. 3.00 Credits.**

An examination of the influence of cultural factors on human thought emotion and action Theoretical and methodological issues in intercultural relations are reviewed and observational studies conducted Prereq: SO-121.

**AS-351. Issues in the Hispanic Community. 3.00 Credits.**

**AS-352. Minority Group Relations. 3.00 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 Prereq: AS-175 AS-177 SO-121 or UR-151.

**AS-353. Sociology of the Black Family. 3.00 Credits.**

Course examines the black family in historical and contemporary perspectives Emphasis is placed on how these are a variety of ?families? in the African-American community as well as all other communities Prereq: AS-175 AS-177 SO-121 or UR-151.

**AS-359. The Literature of Black America. 3.00 Credits.**

A survey of the major literary achievements of black American writers May be substituted for EL134.

**AS-368. Health and Inequality. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity social class and gender We begin with an overview of epidemiology and the idea of studying health from a sociological perspective We then consider the complex relationship between socio-economic status (class) and health statuses followed by an examination of specific health issues for major racial/ethnic minorities and gender groups We will try to understand how low socioeconomic status leads to poor health how conscious unconscious and institutionalized racial/gender bias affects medical care and health outcomes and address ideas for reducing health disparities among all groups Prereq: SO-121.

**AS-399. Tutorial. 1.00 Credit.****AS-411. Nationalism and Revolution. 3.00 Credits.**

A comparative and analytical study of nationalism and revolutionary movements Nation-building in contemporary underdeveloped countries.

**AS-412. Ethnicity and Race in Urban History. 3.00 Credits.**

Includes the African and European immigrant experiences in America the effects of slavery and urbanization and the formation of class consciousness Prereq: SO-121 or UR-151.

**AS-428. The Lit. Cult.& Soc. Issues: West Africa. 3.00 Credits.**

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

**AS-443. Black Theology. 3.00 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.

**AS-454. Black Films. 3.00 Credits.**

A survey of 20th century film making by and about African-Americans Prereq: AS-175 AS-177 SO-121 or UR-151.

**AS-459. The Era of the Civil War. 3.00 Credits.**

A study of the period 1850-1865 with emphasis on events leading up to the War and the political social and economic consequences.

**AS-460. U.S. Civil Rights Movement. 3.00 Credits.**

Analysis of the origins processes and outcomes of the twentieth century black American Civil Rights struggle.

**AS-486. Sem Political Theory:genocide. 3.00 Credits.**

After a through conceptualization of genocide the course will examine case studies of modern genocide ranging from the 20th and 21st centuries 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. 3.00 Credits.**

Study of major contemporary Christian documents particularly regarding economics and poverty administration of criminal justice cause and responses to racism.

**AS-489. Glob Basebll in Dominican Rep. 3.00 Credits.**

Global interdependence in trade politics communications and resulting global perspectives Current theory and research on global perspectives.

**AS-490. Seminar in Africana Studies. 3.00 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.

**BA Courses****BA-151. Principles of Management. 3.00 Credits.**

An analysis of the management process Introductory course in management.

**BA-155. Principles of Marketing. 3.00 Credits.**

Business activities involved in the flow of goods and services from production to consumption.

**BA-175. Diversity in Management. 3.00 Credits.**

The changing roles of diverse groups in the work world with emphasis on women as managers and entrepreneurs Legal and ethical issues faced in a diverse work environment.

**BA-228. Intro to Sports Management. 3.00 Credits.**

This course is designed to help participants gain an indepth understanding of the fundamental principles and key skills associated with sports administration and management Prereq: BA-151.

**BA-240. Organizational Behavior. 3.00 Credits.**

Interdisciplinary study of interactions between individuals and groups within organizations Prereq: BA-151 BA-155.

**BA-241. Advertising Management. 3.00 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 Prereq: CM-115 CM-117 or CM-120 and BA-151 BA-155.

**BA-245. Customer Service. 3.00 Credits.**

Marketing techniques and procedures used by organizations to achieve and measure customer satisfaction - an essential in a competitive era Prereq: BA-151 and BA-155.

**BA-246. Export Management. 3.00 Credits.**

Research and studies in foreign markets to locate and develop export business including payment systems transportation and logistics Prereq: BA-151 and BA-155.

**BA-247. Marketing Communications. 3.00 Credits.**

A workshop designed to integrate promotional media devices and publicity in order to achieve corporate objectives Prereq: BA-151 BA-155 CM-115 CM-117 or CM-120.

**BA-248. Marketing Services. 3.00 Credits.**

A contemporary overview of key issues in the producing and marketing of services in expanding industries Analysis of service quality customer satisfaction and real life cases.

**BA-249. Sports & Entertainment Marketing. 3.00 Credits.**

Analysis of strategic marketing processes in the spectator events industry with emphasis on consumers suppliers and owners.

**BA-250. Consumer Behavior. 3.00 Credits.**

An interdisciplinary approach to the study of marketing with the focus on consumers.

**BA-252. Direct Marketing. 3.00 Credits.**

Examines the integrated into the operations of organizations Includes traditional strategies (eg mail telemarketing) and modern technologies (eg databases Internet) Legal and ethical issues are also addressed.

**BA-253. Labor Relations. 3.00 Credits.**

Labor history legislation and collective bargaining Prereq: BA-151.

**BA-262. New Products Management. 3.00 Credits.**

Concepts development testing and marketing of new products and services from origin to full scale marketing.

**BA-264. Marketing of the Professional Practice. 3.00 Credits.**

Effective marketing techniques applied to the opening development and expansion of professional practices Emphasis on accountancy business consulting dentistry law psychology medical and medical allied professional practices.

**BA-282. Leadership. 3.00 Credits.**

An examination of the foundations of leadership by major theorists Current and emerging leadership models will be studied in the context of the business environment.

**BA-295. Co-Op. 3.00 Credits.****BA-316. Financial Services Marketing. 3.00 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 Prereq: 1 group # 2 courses From courses BM-151 BA-151 MM-151 BA-155 HP-127 HP-129 # EC-300.

**BA-319. International Marketing. 3.00 Credits.**

Marketing activities involved in successful international business operations Emphasis on the application of marketing principles to the international environment Prereq: BA-240 BA-250 or BA-246 or permission of instructor.

**BA-320. Globalization. 3.00 Credits.**

Explores the nature of social/business change leading to "Globalization" Analyzes how institutions are changing in response to the opening of markets and homogenization of cultures Studies economics and cultural changes Prereq: EC-101 and EC-102.

**BA-325. Ethics: Business and Economic Community. 3.00 Credits.**

An investigation of the responsibilities of management ranging over problems encountered by both public and private multinational and local concerns Prereq: BA-240 BA-246 or BA-250 PL-100 PL-101 TH-110 TH-120 BM-151 BA-151 or HP-127 MM-151 BA-155 or HP-129 PL-101.

**BA-335. Race Relations in Industry. 3.00 Credits.**

Review and analysis of race relations in business and industry.

**BA-340. E-Business. 3.00 Credits.**

Examines new models themes and examples for describing electronic commerce and its impact on business and society Prereq: BA-240 BA-246 or BA-250.

**BA-342. Sales Management. 3.00 Credits.**

Organization and administration of the sales function with emphasis on the human factors.

**BA-343. Human Resource Management. 3.00 Credits.**

Human resource management and personnel administration Prereq: BM-151 MM-151 or BA-151 and BA-155.

**BA-347. International Management. 3.00 Credits.**

Examination of global business and the multinational corporation Analysis and development of management strategies within the context of the political legal cultural and socioeconomic environment of the host nations Prereq: BA-240 BA-246 or BA-250.

**BA-350. Operations Management. 3.00 Credits.**

A survey of the various operations required to produce goods and services Prereq: BA-240 BA-246 or BA-250 MA-105 MA-106.

**BA-351. Marketing Research. 3.00 Credits.**

Basic methods and tools utilized in gathering and analysis of supportive marketing data for executive decision making Prereq: BA-250 EC-300.

**BA-363. Entrepreneurship: Creativity & Innovation. 3.00 Credits.**

Challenges and problems in managing small businesses Techniques of planning obtaining funding for and operating new and/or existing business ventures Prereq: BA-240 or BA-246 or BA-250.

**BA-371. Purchasing Management. 3.00 Credits.**

Integrative aspects of the purchasing function with the total organization.

**BA-380. Integrated Marketing Communication. 3.00 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 Prereq: BA-250.

**BA-381. Business Ethics & Legal Liability. 3.00 Credits.**

This course provides an understanding of the legal and other exposures that confront organizations that fail to operate in a framework of honesty integrity and ethical behavior It assists students to understand exposures in contracts and relationships with employees and third parties It examines ethical behavior in business settings and shows the financial and other benefits to encouraging integrity across the enterprise Uses case studies and exercises to illustrate concepts.

**BA-382. Insurance & Risk Management. 3.00 Credits.**

This course covers hazard risk and insurable exposures and techniques to mitigate them. It begins with the nature of risk. Then it examines avoidance, retention, reduction, and transfer of risks. Topics include property, employer, and general liability; homeowners and automobile coverages; the role of the modern risk manager.

**BA-383. Enterprise-Wide Risk Management. 3.00 Credits.**

This course covers the management of business and operational exposures in a framework of enterprise risk management (ERM). It examines the scope of risk management, the importance of risk identification, and the alignment of risk categories with the corporate business model. It addresses functional business unit and key initiative exposures and the hierarchical structure to effectively manage the exposures. Prereq: AC-152, BL-161, EC-102, BA-319, BA-347, or BA-351.

**BA-384. Sarbanes Oxley Compliance. 3.00 Credits.**

This course covers the requirements under the Sarbanes-Oxley legislation to increase the reliability of financial reporting and compliance with applicable laws and regulations. It covers the Public Accounting Oversight Board, parties regulated by the Act, policies mandated for public auditing firms, and the role of external auditors. A major focus of the course deals 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-391. Supervised Ind. Study in Mgt.. 3.00 Credits.**

Open only to departmental majors upon approval of instructor.

**BA-410. Managing Cross-Cultural Training Skills. 3.00 Credits.**

Analysis of cross-cultural training techniques developed to improve relations between people of different cultures. Resources employed are actual techniques currently used by the US State Department, international corporations, and international educational organizations.

**BA-421. Doing Business in Europe. 3.00 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. Please note that this course involves a short-term trip overseas. Upper-level business majors preferred. Prereq: BA-240, BA-246, or BA-250.

**BA-430. Global Business Environment: Regional Studies. 3.00 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.

**BA-458. Business Strategy. 3.00 Credits.**

Integrative experience incorporating business objectives in pursuing organizational vision, plans, and goals. Use of decision theory and analytical techniques with case studies to achieve corporate objectives. This course merges BA-455, BA-456, and BA-457 into one course for SPCS Business Administration majors. Senior Status. Prereq: AC-152, EC-102, EC-300, BA-340, BA-347, or BA-351.

**BA-465. Executive Seminar. 3.00 Credits.**

An examination of contemporary management issues conducted by senior decision makers from both private and public sectors. Open by invitation only to Honors students and other qualified advanced undergraduates.

**BA-496. Seminar in Business Administration. 3.00 Credits.**

Management cases, studies, simulations, and business games using computer applications. Course open only to those who have completed all major and cognate course requirements. Prereq: BL-161, EC-401, and BA-455/456/457, or BM/MM-357.

**BC Courses****BC-390. Spec Topics: Biological Chem. 3.00 Credits.**

Conferences and literature research directed to the study of a particular area of biological chemistry. Area selected must coincide with faculty expertise. Prereq: BI-240, CH-366.

**BC-399. Tutorial. 1.00 Credit.****BC-420. Instructnl Meth: Biochemical Analysis I. 2.00 Credits.**

Modern instrumental techniques in qualitative and quantitative studies of biochemical systems exposure to a broad range of instrumental methods.

**BC-421. Instruct Meth: Biochemical Analysis II. 2.00 Credits.**

Modern instrumental techniques in qualitative and quantitative studies of biochemical systems exposure to a broad range of instrumental methods.

**BC-490. Biochemical Research. 3.00 Credits.**

Conferences and laboratory directed to the study of a particular research problem in biological chemistry. Area selected must coincide with faculty expertise.

**BC-492. Biological Chemistry. 3.00 Credits.**

The chemistry and metabolism of biological compounds including proteins carbohydrates lipids and nucleic acids Enzyme kinetics bioenergetics and cellular organization Expression and processing of biological information including replication of DNA transcription translation regulation and recombinant DNA technology.

**BI Courses****BI-116. Diseases & Human Health. 3.00 Credits.**

An exploration of epidemiological issues and the effect of diseases on human health.

**BI-117. Diseases That Changed the World. 3.00 Credits.**

The impact of diseases on public health and how they affected society economics politics and ethical decisions.

**BI-122. Nutrition in Health & Disease. 3.00 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. 3.00 Credits.**

The major concepts which unify the attempt of scientist to achieve an ever increasing understanding of life The comprehension of these concepts enables a solid foundation in the scientific method chemistry of life metabolism genetics evolution and diversity of life.

**BI-124. Human Structure and Function. 3.00 Credits.**

The morphology and physiology of the human body The structure and role of all systems Interaction of systems with each other and with the environment.

**BI-125. Heredity. 3.00 Credits.**

Principles of genetics applied to humans Human traits genetic basis of human disorders genetic counseling and genetic engineering.

**BI-126. The Human Environment. 3.00 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. 3.00 Credits.**

Biological issues confronting contemporary humankind Pollution and energy problems genetic and population questions mind and behavior control.

**BI-128. Plants and Civilization. 3.00 Credits.**

Development of agriculture with the rise of civilization with emphasis on domestication of humankind's food plants The social and biological implications of world hunger and food distribution related to the future of humankind.

**BI-129. Biological Issues: Decisions and Ethics. 3.00 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. 3.00 Credits.**

An overview of the animals and plants of New Jersey as well as physical features such as geology and climate Emphasis on the diversity of NJ wildlife and habitats with discussion of issues such as conservation of natural resources forest and wildlife management and pollution Will be taught through field trips.

**BI-140. Introductory Astrobiology. 3.00 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-148. Biology of Aging. 3.00 Credits.**

A survey of theories of aging in humans age-related changes in physiological and anatomical systems and medical conditions associated with aging Societal and ethical aspects of aging will be discussed.

**BI-161. Basic Microbiology. 4.00 Credits.**

The biology of bacteria and viruses: their morphology physiology and ecology The role of microorganisms in disease and the principles of immunology Includes laboratory Coreq: BI-161L.

**BI-171. Anatomy and Physiology I. 4.00 Credits.**

Emphasis on the structure and function of the major systems of the human body and its variations from the normal The cellular embryological and genetic basis of structure and function are also considered Includes laboratory Not open to majors in biology and natural sciences Coreq: BI-171L.

**BI-172. Anatomy and Physiology II. 4.00 Credits.**

Emphasis on the structure and function of the major systems of the human body and its variations from the normal The cellular embryological and genetic basis of structure and function are also considered Includes laboratory Not open to majors in biology or natural sciences Coreq: BI-172L.

**BI-183. General Biology I. 3.00 Credits.**

Biological principles including scientific method biological chemistry concepts characteristics of life cells and reactions Mendelian and Molecular Genetics Coreq: BI-185.



**BI-184. General Biology II. 3.00 Credits.**

Biological principles including origin of life evolution population genetics diversity of life comparative plant and animal biology ecology Prereq: Bi-183 Coreq: BI-186.

**BI-185. General Biology I Lab. 1.00 Credit.**

Laboratory course to accompany Bi183 Coreq: BI-183.

**BI-186. General Biology II Lab. 1.00 Credit.**

Laboratory course to accompany Bi184 Coreq: BI-184.

**BI-190. Introduction to Environmental Science. 3.00 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 Prereq: BI-184 BI-186.

**BI-215. Principles of Anatomy and Physiology. 4.00 Credits.**

Studies of the structure and function of organ systems with emphasis on homeostatic regulatory mechanisms Include laboratory Coreq: BI-215L.

**BI-235. Topics in Plant Science. 3.00 Credits.**

Topics in plant science with a focus on flowering plants Depending on the interests and goals of faculty and students may include as an introduction to major families of flowering plants techniques of plant identification plant culture and uses of plants To include physiology and anatomy as required by the primary topics Prereq: BI-184.

**BI-237. Forensic Science. 3.00 Credits.**

The basic concepts and practices of biology and chemistry as applied to criminal investigation examining and preserving forensic evidence conducting crime-scene investigations and science in the courts Laboratory experience Prereq: BI-184.

**BI-240. Cell and Molecular Biology. 4.00 Credits.**

Living systems at the cellular subcellular and molecular levels Emphasis on molecular control of cellular activity intermediate metabolism and energy transformation Includes laboratory Prereq: Bi-184 Coreq: BI-240L.

**BI-270. General Virology. 3.00 Credits.**

Study of the physical chemical and biological properties of viruses Prereq: BI-240.

**BI-271. Concepts of Public Health. 3.00 Credits.**

Introduction to Public Health Issues - public health laws policy cycle demographics and epidemiological concepts and applications Prereq: BI-122 or BI-123.

**BI-295. Co-Op. 1.00 Credit.****BI-310. Ecology. 4.00 Credits.**

The usual definition of ecology - the relationship between organisms and their environment - is expanded to include the biological as well as the physical conditions under which an organism population or species lives to show that relationships involve the interactions between the biotic world and the physical world as well as between members of the same species and between different species Includes laboratory.

**BI-313. Human Evolution Ecology and Adaptation. 3.00 Credits.**

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs These adaptations and their consequences for changes in human ways of life are central to this course Prereq: BI-184 or SO-121.

**BI-325. Adv. Topics in Anatomy and Physiology. 3.00 Credits.**

Continuation of Bi-215 Principles of Anatomy and Physiology Selected topics in anatomy and physiology with special reference to current clinical issues Prereq: Bi-215.

**BI-326. Adv Topics: Anatomy and Physiology Lab. 1.00 Credit.**

Laboratory course to accompany Bi-325 AdvTopics in Anatomy and Physiology Prereq: BI-215 Coreq: BI-325.

**BI-328. Methods in Biology. 3.00 Credits.**

Basic principles and methods of biological investigations Techniques used in research laboratories Prereq: BI-240.

**BI-340. Pathophysiology. 3.00 Credits.**

Biological processes which affect the human body's dynamic equilibrium or homeostasis associated with potential or actual disease conditions Prereq: BI-240.

**BI-350. Genetics. 4.00 Credits.**

Theories of heredity and variation Pre- Mendelian Mendelian cytogenetics and population genetics Application of theories in laboratory Includes laboratory Prereq: BI-240 Coreq: BI-350L.

**BI-355. Fitness & Wellness. 3.00 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 Prereq: BI-171.

**BI-361. Criminalistics & Forensic Science. 3.00 Credits.**

The theory and application of the principles of forensic science Lab includes an analysis of the techniques and procedures in forensic science Prereq: BI-240.

**BI-391. Plant Culture & Propagation. 3.00 Credits.**

Biological principles applied to the culture of plants and their propagation by sexual and asexual means Fundamentals of physiology will be related to the practice of growing and propagating plants in the home green house or garden Includes practical laboratory experience Prereq: BI-184.

**BI-393. Civilization & Disease. 3.00 Credits.**

A survey of the impact of disease on the course of human history Prereq: BI-184.

**BI-394. Epidemiology. 3.00 Credits.**

Applications of epidemiologic methods and procedures to the study of the distribution and determinants of health and diseases in populations Infections versus chronic diseases data sources study design and measures of morbidity and mortality will be studied Prereq: MA-132 BI-184.

**BI-395. Field Botany. 3.00 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 Prereq: BI-186.

**BI-399. Tutorial. 1.00 Credit.****BI-415. Hematology. 3.00 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 Prereq: BI-240.

**BI-430. Ecology. 4.00 Credits.**

The usual definition of ecology - the relationship between organisms and their environment - is expanded to include the biological as well as the physical conditions under which an organism population or species lives to show that relationships involve the interactions between the biotic world and the physical world as well as between members of the same species and between different species Includes laboratory Prereq: BI-240 Coreq: BI-430L.

**BI-435. Development. 3.00 Credits.**

Developmental phenomena are approached first by analysis of the molecular and cellular basis of these processes which are common to the eukaryotes and secondly by descriptions of selected examples of development including fungi protozoa algae higher plants and invertebrates Includes laboratory Prereq: BI-240.

**BI-445. Mammalian Cell Culture. 3.00 Credits.**

Introduction to the basic techniques for the culture of mammalian cells Topics include: aseptic techniques passing of adherent and non adherent cells and monitoring the growth and viability Prereq: BI-240.

**BI-450. Microbiology. 4.00 Credits.**

Microorganisms with emphasis on the morphology physiology and ecological roles of bacteria and viruses Principles of immunology Includes laboratory Prereq: BI-450L Coreq: BI-450L.

**BI-452. Evolution. 3.00 Credits.**

Consideration of organic evolution including the origin of cells adaptive radiation natural selection population genetics and human evolution Prereq: BI-215.

**BI-454. Endocrinology. 3.00 Credits.**

Hormones as agents of homeostasis and growth Hormonal regulation of reproduction Investigative methods in endocrinology Prereq: BI-240.

**BI-457. Human Genetics. 3.00 Credits.**

The course will cover the genetics molecular basis clinical appearance and current approaches to treatment prevention and cure of human diseases Prereq: BI-350.

**BI-458. Parasitology. 3.00 Credits.**

Biology epidemiology pathology and diagnosis of animal and human parasites Physiology of host-parasite interplay Includes laboratory Prereq: BI-240.

**BI-459. Cytogenetics. 3.00 Credits.**

The cytologic tissue culture and molecular techniques of clinical cytogenetics and the application of these methods to the study of developmental disorders and cancer Includes laboratory Prereq: BI-350.

**BI-460. Histology. 3.00 Credits.**

Cell types and tissues of vertebrates on the microscopic and submicroscopic levels disposition of tissues in the various organs Includes laboratory Prereq: BI-240.

**BI-461. Histochemistry. 3.00 Credits.**

A laboratory/lecture technique course designed to cover basic procedures and specific methods in the preparation of animal tissues and specific staining methods Prereq: BI-240.

**BI-462. Botany. 3.00 Credits.**

Structure functions development and ecological relationships of higher plants Evolutionary and phylogenetic survey of the plant kingdom (including fungi) Theories of genetics as related to plants will be discussed Includes laboratory Prereq: BI-240.

**BI-464. Immunology. 3.00 Credits.**

The study of the basic concepts of cellular and humoral products of the immune system Genetics of immunoglobulin production antigen - antibody reactions immunopathological mechanisms of hypersensitivity auto immunity transplantation and immunodeficiency Prereq: Bi-240.

**BI-466. Conservation. 3.00 Credits.**

Application of ecological principles to environmental problems Discussion of the legal political and social aspects of environmental issues Prereq: BI-215.

**BI-468. Microbial Genetics. 3.00 Credits.**

Genetics of microorganisms with an emphasis on bacteria Modes of recombination and techniques for determining genetic linkage in haploid organisms Commonly used techniques such as isolation of plasmid DNA restriction analysis and electrophoresis Includes laboratory Prereq: Bi-350.

**BI-469. Human Nutrition. 3.00 Credits.**

The study of nutritional principles and the application of these principles to daily health maintenance as well as conditions which require special diet management Prereq: BI-215.

**BI-470. Invertebrate Zoology. 3.00 Credits.**

Structure function phylogeny and ecology of invertebrate animals Prereq: BI-184 BI-186.

**BI-472. Mammalogy. 3.00 Credits.**

This course deals with one group of organisms - the mammals - from different viewpoints of structure function evolution behavior taxonomy and ecology Prereq: BI-215.

**BI-473. Vertebrate Zoology. 3.00 Credits.**

A survey of the vertebrates with an emphasis on classification structure function and evolution Laboratory included Prereq: BI-215.

**BI-475. Medical Botany. 3.00 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 Prereq: BI-215.

**BI-485. Current Issues in Biology. 3.00 Credits.**

Current topics in the biological sciences Lectures discussions and critical analysis of journal articles and other readings related to the course.

**BI-486. Current Issues in Health Education. 3.00 Credits.**

To study relevant current health issues such as obesity unhealthy dietary problems apnea tobacco use alcohol drugs heart disease and cancer Prereq: BI-123 or BI-183.

**BI-488. Astrobiology. 3.00 Credits.**

The biological perspective on the origin of life its evolution the search for habitable planets exploration of our solar system and beyond and the future of life on Earth and elsewhere Prereq: Bi-184.

**BI-489. Science Technology & Society. 3.00 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 Prereq: Bi-184.

**BI-490. Biology Senior Capstone. 3.00 Credits.**

Integrates and assesses the concepts and skills developed in the biology major Reflections on biological concepts literature research preparation of scientific paper and oral/poster presentations Required for Biology Major Prereq: BI-350.

**BI-494. Seminar in Biology I. 1.00 Credit.**

Practice in techniques for oral presentation of scientific reports based on a search of research literature and where applicable the student's research project Attendance at distinguished guest lecture series required Prereq: Bi-240.

**BI-495. Seminar in Biology II. 1.00 Credit.**

Practice in techniques for oral presentation of scientific reports based on a search of research literature and where applicable the student's research project Attendance at distinguished guest lecture series required Prereq: Bi-240.

**BI-497. Research I. 2.00 Credits.**

introduction to biological research Topics will include: experimental research techniques bibliographic searching the review and publishing process presentation of papers at scientific meetings and writing grants Prereq: Bi-240.

**BI-498. Research II. 2.00 Credits.**

An original independent lab research project for upper-level students under the supervision of a faculty member Prereq: Bi-240.

**BI-499. Special Projects in Biology. 3.00 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 & Contracts. 3.00 Credits.**

Introduction to the legal system the nature of contracts the statute of frauds assignment of contracts methods of discharging obligations in contract remedies upon breach of contract.

### **BL-162. Agency & Business Organization. 3.00 Credits.**

The nature and creation of an agency relationship a partnership a corporation the rights and duties of the various parties the law of trade regulation and unfair competition.

### **BL-165. International Law and Property Rights. 3.00 Credits.**

The key to international business success is minimizing risk The course emphasizes the management of risk when doing business over great distances Examines legal aspects of trade intellectual property and foreign direct investment.

### **BL-241. Real and Personal Property. 3.00 Credits.**

The nature of real and personal property methods of transferring title bailment duties and liabilities of common carriers rights of society trusts insurance security interest.

### **BL-250. Law and Ethics. 3.00 Credits.**

### **BL-251. Uniform Commercial Code. 3.00 Credits.**

Study of articles 1 2 3 4 and 9 of the Uniform Commercial Code Form and content of commercial paper bank deposits and collections security interest in personal property product liability.

### **BL-295. Co-Op. 1.00 Credit.**

### **BL-399. Tutorial. 1.00 Credit.**

## BM Courses

## BT Courses

### **BT-110. Science Goes to the Movies. 3.00 Credits.**

This course considers the evolution of the science behind the movies - the technical advances that have made modern movie making possible and how the treatment of science scientific discovery and inventions have evolved particular movie genres Lectures and movie clips will be used to illustrate the above.

### **BT-130. Technology in the 21st Century. 3.00 Credits.**

This course will discuss the history development and scientific breakthroughs that have led to the amazing devices and technologies available to humans today Particular attention to the people time and places involved in the development of inventions like TV radio computers phones transmission of electric power movies and some of the many advances in genetics and medicine.

### **BT-140. How Stuff Works. 3.00 Credits.**

This course will discuss and explain how the many devices we use every day like light bulbs computers cell phones movies toilets actually work Some lab demonstrations will be done.

### **BT-301. Medical Immunology. 3.00 Credits.**

An examination of the basics of immunology from the molecular to the cellular and organism level A discussion of interactions in the healthy and disease states and the use of immunotherapy in medicine and the future of diagnostic immunology in health care Prereq: BI-240.

### **BT-420. Biomedical Applications of DNA Tech. 3.00 Credits.**

This course will focus on the use of current DNA technologies for biomedical applications Specific emphasis will be placed on the use of these technologies in gene transfer gene identification genomics and gene therapy Prereq: BI-240 BI-350 CH-252.

### **BT-429. Special Topics in Biotechnology. 3.00 Credits.**

This course will explore current and new technologies developments in biotechnology It will include the use of computer image analysis nuclear transplantation confocal microscopy and protein separation technology and micro-array hybridization Ethical parties will be considered Prereq: BI-240 BI-350 CH-252.

### **BT-440. Research in Biotechnology I. 2.00 Credits.**

This laboratory course will include experience in clinical cytogenetics molecular and biochemical genetic testing bioinformatics micro array chip technology PCR and various other applications of biotechnology techniques for clinical and research work Prereq: BI-240 BI-350 CH-252.

**BT-441. Research in Biotechnology II. 2.00 Credits.**

This laboratory course builds on the previous course (Research in Biotechnology I) and expands the student's knowledge and skills in clinical cytogenesis molecular and biochemical genetic testing DNA microscopy chip technology PCR and various other applications of biotechnology techniques for clinical and research work Prereq: BT-440 BI-240 BI-350 CH-252.

**BT-450. Human Biochemical Genetics. 3.00 Credits.**

An introduction to the study of the molecular and biochemical pathways found in human genetics with emphasis on disease states that occur when there are abnormalities in those pathways or mechanisms Prereq: BI-240 BI-183 BI-184 BI-185 BI-186 CH-131 CH-132 Coreq: CH-151 CH-152 BI-350.

**CC Courses****CC-120. Greek Theater. 1.00 Credit.**

Students will read and discuss dramatic works by the ancient Greeks and adaptations of them They will perform staged readings and performances of the materials they study and sometimes of material which they themselves create.

**CC-150. Greek and Roman Drama. 3.00 Credits.**

This course examines three ancient dramas in their historical and cultural context Students will compose papers about these plays and act out scenes from them.

**CC-245. Classics and Film. 3.00 Credits.**

Representation of the Greek and Roman past in film based on a comparative methodology of the two media and through reading of ancient texts.

**CC-250. Classical Civilization. 3.00 Credits.**

Study of the main period of Greek and Roman civilization from the point of view of history art literature society and thought.

**CC-251. History of Greece. 3.00 Credits.**

The political and cultural history of the Hellenic world from prehistoric times to the death of Alexander.

**CC-252. History of Rome. 3.00 Credits.**

Political and cultural history of the Roman world from the founding of the city to the death of Justinian.

**CC-253. Greek Literature. 3.00 Credits.**

Readings in English of the great classic authors of ancient Greece with concentration on the poets dramatists historians and philosophers.

**CC-254. Literature of Rome. 3.00 Credits.**

Readings in English of the great classic authors of ancient Rome with concentration on the epic and lyric poets historians dramatists and orators.

**CC-255. Alexander the Great. 3.00 Credits.**

Examination of the life and times of Alexander the Great his decade of conquest exploration and achievements.

**CC-256. Greek and Roman Mythology. 3.00 Credits.**

A study of Greek and Roman mythology the theories of myth and their application to the specific cycles of myths some reference to the use of myth in literature and art.

**CC-257. The Theatre of the Greeks. 3.00 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-258. The Ancient Novel. 3.00 Credits.**

Study in translation of the contribution of Greek and Latin novels to the development of the modern novel and prose fiction.

**CC-259. Law Politics & Soc: Ancient Wld. 3.00 Credits.**

Course studies ideas of government law and the organization of society in ancient Greece and Rome.

**CC-261. Archeology: Greece & Near East. 3.00 Credits.**

A survey of the art and archeology of Greece Asia Minor and Egypt beginning with the second millennium BC and ending in the early Christian era.

**CC-262. The Archeology of Italy & Spain. 3.00 Credits.**

Italy Spain Malta Rome and the Roman Empire's influence on the Western and Eastern Mediterranean.

**CC-265. Greek and Roman Religion. 3.00 Credits.**

The nature and forms of pre-Christian pagan religion from pre-Homeric times to the fourth century AD.

**CC-267. The Ancient Epic. 3.00 Credits.**

The Great Poem of the ancients Greek and Roman Homer's Odyssey and Iliad Virgil's Aeneid and lesser epic writers including Greek and Eastern sources and models.

**CC-269. Greek & Latin Origin: English Voc. 3.00 Credits.**

A systematic examination of spelling meaning and word formation in English words derived from Greek and Latin roots Emphasis will be placed upon principles of word construction and exact usage.

**CC-282. Sports & Athletes: Ancient World. 3.00 Credits.**

An exploration of the ancient attitude toward athletics the birth of the Olympic games and their history.

**CC-287. The City of Rome. 3.00 Credits.**

An in-depth study of the history of the City of Rome with emphasis on art and architecture An artistic history of Rome from prehistoric times through the eighteenth century.

**CC-288. Dante and Virgil. 3.00 Credits.**

A reading in English of the Divine Comedy and Virgil's Aeneid a comparison of the purposes of the two authors.

**CC-364. Byzantium. 3.00 Credits.**

A study of the history art and architecture of Constantinople and the impact of that culture and civilization on Europe and Asia Minor.

**CC-375. Archeology of Egypt. 3.00 Credits.**

A study of the art and architecture of Egypt from pre-dynastic times until Turkish rule.

**CC-430. Jerusalem: King David to Caliph 'Umar. 3.00 Credits.**

This course will explore what the city of Jerusalem meant to Jews and Christians from the time King David established it as the Capital of Israel c1000 BCE to its takeover by the Muslims under Caliph 'Umar in 638 CE Extensive reading of texts from the Hebrew Bible Christian Scriptures and Early Jewish (Mishnah Talmud Yerushalmi) and Christian writings including pilgrimage accounts will provide insight into the wealth of spiritual meanings and ideals associated with Jerusalem and particular sites in it Both texts and archaeological findings in the city will be examined in order to correlate the physical city and its sacred sites and the religious ideas associated with Jerusalem We will also examine inter-cultural influences and their impact on the City its life and symbolism especially following the conquest of Alexander the Great the Roman conquest of Pompey the Persian conquest of 618 CE up to the peaceful takeover of Jerusalem by Caliph 'Umar in 638 CE.

**CC-489. International Travel Course. 3.00 Credits.****CH Courses****CH-110. Chemical Principles. 3.00 Credits.**

Structure of matter chemical reactions stoichiometry preparatory course for CH-131.

**CH-123. Matter and Man. 3.00 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?. 3.00 Credits.**

Students will review a selection of science fiction short stories novels and films--in class discussion and research writing--to understand the science behind these works in an attempt to separate fact from fiction Partially fulfills the core requirement in natural science.

**CH-131. General Chem and Qualitative Analysis I. 4.00 Credits.**

Introduction to the laws and theories of chemistry emphasizing fundamental mathematical and laboratory skills required for expertise in the field Three class periods one four-hour laboratory period weekly Coreq: CH-131L.

**CH-132. General Chem and Qualitative Analysisii. 4.00 Credits.**

Introduction to the laws and theories of chemistry emphasizing fundamental mathematical and laboratory skills required for expertise in the field Three class periods one four-hour laboratory period weekly Coreq: CH-132L.

**CH-153. Metabolism. 3.00 Credits.**

An overview of the metabolism of major biomolecules in the diet vitamins special diets and metabolic disorders.

**CH-237. Forensic Science. 3.00 Credits.**

The basic concepts and practices of biology and chemistry as applied to criminal investigation examining and preserving forensic evidence conducting crime-scene investigations science in the courts laboratory experience Three class periods weekly.

**CH-238. The Science of Art. 3.00 Credits.**

Materials of art and artifacts scientific and technical principles underlying the creation of art works authentication and forgery deterioration due to time and environment restoration techniques Three class periods weekly.

**CH-251. Organic Chemistry I. 4.00 Credits.**

Nomenclature structure reactions and spectroscopy of organic compounds with emphasis on reaction mechanisms selected laboratory experiments and preparations Three class periods one four-hour laboratory period weekly Coreq: CH-251L.

**CH-252. Organic Chemistry II. 4.00 Credits.**

Nomenclature structure reactions and spectroscopy of organic compounds with emphasis on reaction mechanisms selected laboratory experiments and preparations Three class periods one four-hour laboratory period weekly Coreq: CH-252L.

**CH-253. Organic Chemistry I Lab. 0.00 Credits.**

Laboratory for Organic Chemistry I (CH-251) Coreq: CH-251.

**CH-254. Organic Chemistry II Lab. 0.00 Credits.**

Laboratory for Organic Chemistry II (CH-252) Coreq: CH-252.

**CH-329. Analytical Chemistry. 4.00 Credits.**

Statistical methods principles and procedures of quantitative analysis titrimetric potentiometric and colorimetric methods Three class periods one four-hour laboratory period weekly.

**CH-335. Chemical Laboratory Safety. 3.00 Credits.**

Potentially hazardous aspects of laboratory work and methods of control accident prevention responsibility government regulations safe storage and disposal procedures Three class meetings weekly Offered on a tutorial basis.

**CH-347. Elementary Physical Chemistry. 4.00 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.

**CH-361. Criminalistics & Forensic Science. 3.00 Credits.**

The theory and application of the principles of forensic science Lab includes an analysis of the techniques and procedures in forensic science Prereq: CH-132.

**CH-365. Physical Chemistry I. 4.00 Credits.**

Physico-chemical properties of gases liquids and solids thermodynamics solutions and colloids electro-chemistry chemical kinetics nuclear atomic and molecular structure Three class periods one four-hour laboratory weekly.

**CH-366. Physical Chemistry II. 4.00 Credits.**

Physico-chemical properties of gases liquids and solids thermodynamics solutions and colloids electro-chemistry chemical kinetics nuclear atomic and molecular structure Three class periods one four-hour laboratory weekly.

**CH-442. Biochemistry. 3.00 Credits.**

The organic and physical chemistry of important biochemical molecules processes and pathways biochemical genetics Three class periods weekly Prereq: CH-252 CH-365 CH-347.

**CH-449. Inorganic Chemistry. 4.00 Credits.**

The electronic structure of matter nature of the chemical bond ionic solids symmetry transition metal and organometallic chemistry Three class periods one four-hour laboratory period weekly.

**CH-450. Advanced Inorganic Chemistry. 3.00 Credits.**

Physical methods in inorganic chemistry homogeneous catalysis bio inorganic chemistry advanced material in transition metal and organometallic chemistry Three class meetings weekly Offered on a tutorial basis.

**CH-454. Advanced Organic Chemistry. 3.00 Credits.**

Physical-chemical topics selected by the instructor usually includes techniques for studying reaction mechanisms Three class periods weekly Offered on a tutorial basis.

**CH-457. Advanced Physical Chemistry. 3.00 Credits.**

Statistical mechanics applied to the calculation of kinetic and thermodynamic properties of various chemical and physical systems Offered on a tutorial basis.

**CH-460. Advanced Analytical Chemistry. 4.00 Credits.**

Theory and applications of current techniques includes spectroscopic (IR AA UV-Visible NMR mass) electro chemical and chromatographic methods of analysis along with wet chemical methods Three class periods one four-hour laboratory period weekly Prereq: CH-252 CH-329 CH-365.

**CH-499. Problems in Chemistry. 3.00 Credits.**

Independent research on an assigned problem seminar extends through the entire year Hours arranged with the individual mentor but the group meets weekly for one hour.

## CJ Courses

**CJ-165. Introduction to Criminology. 3.00 Credits.**

Theories and research findings on lawbreaking: the role of criminal law types of criminal careers crime prevention and the criminal justice system.

**CJ-169. Facility Security & Inspection. 3.00 Credits.**

This course focuses on the security from the design and architecture of the building to adaption of the latest lighting and technology to existing structures This course also emphasizes the importance of the use of technology to assist staff in protecting the facility and assets.

**CJ-170. Intro to Criminal Justice. 3.00 Credits.**

The criminal justice process from arrest through conviction: the law of arrest the role of the prosecutor plea bargaining sentencing practices jury trials diversion and alternatives to imprisonment Careers in criminal justice.

**CJ-175. Intro to Law Enforcement. 3.00 Credits.**

The police in modern urban society: policewomen the training of police police corruption social science research on the police.

**CJ-177. Police Culture. 3.00 Credits.**

The total way of life of police: formal and informal on the job and off the job Police norms values beliefs and behavior Police brutality corruption community relations misunderstandings and scapegoating are considered.

**CJ-199. Fundamentals of Criminal Law. 3.00 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. 3.00 Credits.**

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

**CJ-222. Family Law. 3.00 Credits.**

A study of laws and court decisions regarding marriage cohabitation divorce child custody and support reproductive rights adoption parental rights and child abuse and neglect Prereq: CJ-165.

**CJ-237. Forensic Science. 3.00 Credits.**

The basic concepts and practices of biology and chemistry as applied to criminal investigation examining and preserving forensic evidence conducting crime-scene investigations science in the courts laboratory experience Three class periods weekly Prereq: BI-122 or BI-184.

**CJ-240. Gangs and Organized Crime. 3.00 Credits.**

Examines the street gang from Colonial era America to present day Explores ethnic organized crime groups the connections between groups drug trafficking extortion prostitution money laundering and violent criminal activity.

**CJ-247. Philosophy of Jurisprudence. 3.00 Credits.**

A philosophical investigation of both analytic and normative jurisprudence An examination of the debate between higher law theory and legal positivism the nature of law the relationship between law and morals theories of rights constitutionalism crime and punishment law and economics Values course Prereq: PL-100.

**CJ-250. Victimology. 3.00 Credits.**

Contemporary developments in Victimology conceptual boundaries basic concepts and literature subfields and role as a field of study within criminal justice The historical and emerging roles of Victimology and various aspects of victimization the social psychological financial and other impacts of crime Prereq: CJ-165 CJ-170.

**CJ-253. Social Deviance. 3.00 Credits.**

Explores the concepts of social norms egocentricity and ethnocentricity Examines the relativity of deviance including criminal behavior human sexuality drug use suicide and other alternative forms of behavior.

**CJ-258. Criminal Justice Ethics. 3.00 Credits.**

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.

**CJ-260. Traffic Management. 3.00 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.

**CJ-265. History of Crime & Punishment. 3.00 Credits.**

This course is designed to provide students with a comprehensive interdisciplinary approach to crime and delinquency both as a philosophical and historical exercise in corrections and contemporary criminal justice systems Provides an understanding of how crime plays a role in the historic development of the criminal justice system.

**CJ-280. Juvenile Delinquency. 3.00 Credits.**

Theories of delinquency causation the family and delinquency problems of adolescence the juvenile justice system delinquency prevention programs: methods of treatment alcohol and drug abuse child abuse and neglect.

**CJ-285. Criminal Corrections Systems. 3.00 Credits.**

Objectives of punishment jails and their contemporary problems types of prisons corrections officers and their training prison work education and treatment programs inmate social structure parole and reintegration programs.

**CJ-288. Metropolitan Seminar:. 3.00 Credits.**

Introduction to Community Corrections in the Metropolitan Area.



**CJ-290. Comparative Justice Systems. 3.00 Credits.**

Post conviction differences between the United States and several other nations: sentencing probation fines prison systems and alternative punishments highlighting Japan Canada India/Egypt Stress on values and political influences.

**CJ-294. Understanding English/French Legal Syst.. 3.00 Credits.**

This course is designed to provide students with a comprehensive understanding of English and French legal and criminal justice systems Emphasis is on discussions textbook review and field study in Paris France and London England Prereq: CJ-165.

**CJ-295. Cooperative Education. 3.00 Credits.**

Cooperative work experience.

**CJ-298. Special Topics. 3.00 Credits.**

This course is designed to provide students with a comprehensive interdisciplinary understanding of international justice systems and institutions with the primary emphasis on the history and development of legal systems The study of the police organizations the courts the criminal sentencing process and rehabilitative institutions and their respective jurisdictions.

**CJ-299. Leadership for Criminal Justice. 3.00 Credits.**

Provides students with a solid foundation in leadership principles and effectively leading change in criminal justice agencies.

**CJ-300. Wlth Pow& Prest: Soc/Soc Strat. 3.00 Credits.**

Classic theories and recent research on social inequality and mobility The linkage of social class and behavior in education religion politics etc.

**CJ-306. Cops Crime & Cinema: Criminal Just Film. 3.00 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. 3.00 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. 3.00 Credits.**

The nature of evidence its classification admissibility weight and relevance the trial record and rules of evidence hearsay and its exceptions the constitutional issues in the gathering and introduction of evidence expert and scientific evidence Prereq: CJ-165 CJ-170.

**CJ-335. Contemporary Issues in Criminal Justice. 3.00 Credits.**

Examination of current issues which impact the criminal justice system through an analysis of formation procedural influence and policy determination Prereq: CJ-165 CJ-170.

**CJ-350. Research Techniques & Data Analysis. 3.00 Credits.**

Methods of scientific inquiry in the field of criminal justice: theory and research causation and validity research design conceptualization operationalization and measurement sampling survey research field research agency records content analysis secondary data program evaluation and analysis of data.

**CJ-357. Infamous Crimes and Criminals. 3.00 Credits.**

A survey of anti-social behavior manifested by infamous criminals including serial murderers mass murderers and organized crime members The impact of these crimes on victims and society the role of law enforcement agencies and profiling.

**CJ-358. White Collar Crime. 3.00 Credits.**

Types of crime by the privileged: crimes of the professions: employee pilferage embezzlement and fraud corporate crime and the crimes of managers political corruption and crimes of public officials Techniques of investigation and prosecution for upper class defendants.

**CJ-359. Corruption. 3.00 Credits.**

Analysis of deviance and criminal activities of corporations and government agencies sociological and psychological implications are discussed Organizational processes of communication power socialization group processes and ethics are analyzed.

**CJ-381. Investigating & Dealing With Child Abuse. 3.00 Credits.**

Investigating and dealing with instances of child abuse and neglect Legal issues and procedural steps Prereq: CJ-165 Coreq: SO-121.

**CJ-390. Criminal Law. 3.00 Credits.**

Origins of the criminal law from the Napoleonic Code and the English common law substantive and procedural criminal law The new state penal codes.

**CJ-395. Probation and Parole. 3.00 Credits.**

Techniques procedures and regulations of supervision of criminal offenders Training and preparation of parole and probation officers Prereq: CJ-165.

**CJ-396. Community Policing. 3.00 Credits.**

Police involvement in the community: regular and meaningful contact quality of life conditions problem solving and coordination with community service organizations Crime information investigation and prevention through community relations.

**CJ-400. Police Administration. 3.00 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.

**CJ-404. Crime & Punishment in Literature. 3.00 Credits.**

A study of the theme of crime and its subsequent punishment as presented in various literary genres.

**CJ-405. Crime Investigation. 3.00 Credits.**

Primary crime investigation preservation of the crime scene and identification of witnesses Secondary investigation use of computerized data bases development of witnesses role of informants criminalistics and the role of the evidence laboratory.

**CJ-406. Homicide: Investigation & Prosecution. 3.00 Credits.**

Crime scenes: physical evidence and witnesses constructing the scenario Prosecution: case evaluation pretrial and grand jury Plea bargaining and trial strategies.

**CJ-415. Managing Cross-Cultural Diversity. 3.00 Credits.**

An examination of the theoretical foundations and development of techniques used to promote organizational individual and intergroup success in a multicultural and multiracial Society.

**CJ-418. Intro to Forensics Techniques. 3.00 Credits.**

The basic concepts of forensic science emphasizing recognition evaluation and utilization of physical evidence The significance of forensics types classification collection and preservation of evidence rules governing scientific and physical evidence and expert testimony.

**CJ-419. Terrorism & Threat Assessment. 3.00 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.

**CJ-420. Drugs Society & Human Behavior. 3.00 Credits.**

Processes of interaction through which substance abusing careers are developed and maintained substance abusers and crime impact upon families and communities organized public response.

**CJ-435. Police Patrol. 3.00 Credits.**

The police mission in a democratic multicultural society: staffing management and rewards for routine patrol Traffic calls for help crimes in progress calls Tactics and strategies.

**CJ-441. Careers in Criminal Justice. 3.00 Credits.**

Career opportunities in the highly glamorized but often misunderstood field of criminal justice at the municipal state county and federal levels Students will explore their own goals and the connection of their goals to the many careers in the criminal justice system.

**CJ-485. Child Protection Agencies and the Law. 3.00 Credits.**

Emphasizes state-level child protection agencies federal and state statutes affecting child welfare and theories of abuse and maltreatment.

**CJ-486. Internship I. 3.00 Credits.**

Provides students interested in pursuing careers in criminal justice with field placements in law enforcement courts corrections or investigative agencies.

**CJ-487. Internship II. 3.00 Credits.**

Provides students interested in pursuing careers in criminal justice with field placements in law enforcement courts corrections or investigative agencies Normally runs in the spring semester.

**CJ-489. Senior Seminar in Criminal Justice. 3.00 Credits.**

The capstone course for the Criminal Justice major This course allows students the opportunity to explore career options prior to graduation or to pursue a special topic within the Criminal Justice arena Prereq: CJ-165 CJ-170 CJ-350.

**CJ-491. Physical Threat Assessment. 3.00 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-492. Internship I. 3.00 Credits.****CJ-493. Internship II. 3.00 Credits.**

**CJ-495. Cryptology. 3.00 Credits.**

This course gives a historical introduction to Cryptology the science of secret codes It begins with the oldest recorded codes taken from hieroglyphic engravings and ends with the encryption schemes used to maintain privacy during Internet credit card transactions Since secret codes are based on mathematical ideas each new kind of encryption method leads in this course to the study of new mathematical ideas and results The first part of the course deals with permutation-based codes: substitutional ciphers transpositional codes and Vigenere ciphers In the second part of the course the subject moves to bit stream encryption methods These include block cipher schemes such as the Data Encryption Standard (DES) Public key encryption is the subject of the final part of the course We learn the mathematical underpinnings of Diffie-Hellman key exchange RSA and Knapsack codes Software packages and tools will also be studied Prerequisite: CJ418 Prereq: CJ-418.

**CJ-496. Special Research Projects I. 2.00 Credits.**

Affords students the opportunity to work on special research projects with department faculty on topics such as advanced criminological theory historical analysis etc.

**CJ-497. Special Research Projects II. 2.00 Credits.**

Affords students the opportunity to work on special research projects with department faculty on topics such as advanced criminology theory and historical analysis.

**CJA Courses****CM Courses****CM-001. Essential Writing I. 3.00 Credits.**

Emphasis on basic sentence patterns paragraphing and organization of ideas through pre-writing Three class meetings weekly.

**CM-002. Basic English. 0.00 Credits.**

Emphasis on learning English idioms and vocabulary through reading writing listening and speech exercises Stresses academic vocabulary.

**CM-003. Essential Writing II. 3.00 Credits.**

Further emphasis on preparation for essay writing Attention to idiom sentence patterns and organization.

**CM-104. Introduction to English Composition. 3.00 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. 3.00 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 2. 3.00 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 Prereq: CM-104 or CM-106.

**CM-117. Introduction to English Composition 2. 3.00 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 Prereq: CM-104 or CM-106.

**CM-120. English Composition. 3.00 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. 3.00 Credits.**

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

**CN-114. Elem Mandarin Chinese II. 3.00 Credits.**

An introduction to the tones pronunciation characters and basic grammatical principles of Mandarin Chinese Only for students with no previous Mandarin Prereq: AN-113 or CN-113.

**CN-133. Intermediate Mandarin Chinese I. 3.00 Credits.**

Continued study of tones pronunciation vocabulary and essential grammatical structures aimed at improving competence in the four language skills: listening speaking reading and writing Prereq: AN-114 or CN-114 or 3-4 years High School Mandarin Instructor approval.

**CN-134. Intermediate Mandarin II. 3.00 Credits.**

Continued study of tones pronunciation vocabulary and essential grammatical structures aimed at improving competence in the four language skills: listening speaking reading and writing Prereq: AN-165 or CN-133.

**CN-399. Tutorial. 3.00 Credits.**

Topics: To be determined by the Chairperson and the Instructor.

**CS Courses****CS-150. Intro Computers & Information Processing. 3.00 Credits.**

Study of computer systems including programming hardware and software information processing using business and scientific applications robotics and 3D/ virtual worlds 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-180. Fund Comp Prog: Html Javascript C++. 3.00 Credits.**

This course will teach programming by having students construct Web pages using HTML and JavaScript then move to C++ The first few weeks will use HTML most of the course will use JavaScript the last week or weeks will introduce C++ By the end of the course students should understand the concepts and issues involved in programming and be able to use the software covered in the course Programming constructs covered include syntax control statements arrays strings objects and event handlers.

**CS-205. Computer Science Workshop. 1.00 Credit.**

The student is required to complete a project under the supervision of the instructor A topic is chosen by mutual agreement of the student and instructor will be the basis for a final term project One credit may be used in lieu of a Natural Science laboratory(1 credit per semester up to 6 credits).

**CS-227. Concepts in Computer Science. 3.00 Credits.**

Discussion of the basic concepts of computer science Students will be able to understand these concepts and if they choose pursue a career in Computer Science Topics to include computer architecture and security networks numbering systems data representation operating systems data structures human-computer interface problem solving software engineering emerging technologies Prereq: CS-150 or CS-180 or IS-180.

**CS-231. Introduction to C++. 3.00 Credits.**

Introduction to the fundamentals of computer programming Control structures functions arrays pointers and strings references class and data abstraction constructors and destructors friend functions and operator overloading Prereq: # CS-180(12188) or IS-180 # MA-105(13046) or MA-123 or MA-143 Minimum 6 credits.

**CS-232. Advanced Programing Techniques Using C++. 3.00 Credits.**

Programming techniques and advanced features of the C++ language File processing inheritance virtual functions and polymorphism templates class string preprocessor containers linked lists and stacks.

**CS-237. Intro to Java Programming. 3.00 Credits.**

This course is an introduction to Java object-oriented techniques and Java applets for the World Wide Web Java applications are introduced prior to applets so a student has a more thorough understanding of the programming process Java applications are built from the beginning rather than having the user manipulate pre-written objects Pre-requisite: CS/IS-180 Prereq: CS-180 or IS-180.

**CS-240. Intro: Video Game Programming. 3.00 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 Prereq: IS-180 or CS-180.

**CS-260. Computer Ethics. 3.00 Credits.**

This course addresses the assessment of ethical principles within the application of information technologies to produce and store data and disseminate and use information It will define and discuss computer ethics within an 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 Prereq: # CS-150 or CS-180(12188) or IS-180 # PL-101 or TH-120.

**CS-262. Intro to Networking Concepts. 3.00 Credits.**

Fundamentals of the most popular forms of wired and wireless network technologies are explained LANS MANS WAN and WiFi topologies and protocols are discussed An overview of the integration of data voice and video over networks will be provided Prereq: CS-150 or CS-180 or IS-180.

**CS-271. Decision Support Systems. 3.00 Credits.**

Concepts of Decision Support Systems: Decision Support System technologies operations research systems analysis decision analysis DBMS artificial intelligence Decision Support System tools: data mining data management EXCEL In-depth analysis of business applications including ERP Systems data warehouse systems and electronic commerce Students will be required to complete a final project on designing a computer based decision support system Prereq: BA-151 or BA-155.

**CS-275. Introduction to Robotics. 3.00 Credits.**

This course will focus on models and methods for the design and development of robotic devices with minimal human intervention Prereq: CS-150 or CS-180.

**CS-295. Co-Op. 1.00 Credit.****CS-317. C# Programming for Web-Based Application. 3.00 Credits.**

The design and construction of Web-based applications using the C# programming language Students will learn how to build manage and deploy a database driven Web site Prereq: CS-180 or IS-180.

**CS-355. Found of Programming Systems. 3.00 Credits.**

A comprehensive overview of the design and implementation of modern programming systems Programming languages and compiling techniques operating systems database structures artificial intelligence and knowledge based systems Prereq: CS-232.

**CS-361. Internet Programming. 3.00 Credits.**

This course will present an overview of Windows and UNIX Web servers Students will design and implement server applications in Perl/CGI PHP VB Script/Active Server Page (ASP) and Python and XHTML Prereq: IS-251 or IS-255.

**CS-370. Data Structures. 3.00 Credits.**

The implementation and use of data structures Queues binary and general trees sorting and searching Prereq: CS-232 CS-355 or IS-410 MA-123 or MA-143.

**CS-381. Intro to Windows Programming. 3.00 Credits.**

This course is an introduction to Microsoft Foundation (MFC) programming Students will use the MFC Graphical User Interface Controls to create Windows applications Prereq: Cs-232.

**CS-415. Intro Parallel Robotics & Cell Phone Pr. 3.00 Credits.**

Introduction to parallel programming in Ada and Java Students will also write programs for cell phones and intelligent devices such as a robot Prereq: CS-231 or IS-237.

**CS-435. Windows Programming With C++. 3.00 Credits.**

The design and construction of Windows-based applications using the C++ programming language The course will include an introduction to Microsoft Foundation Class (MFC) Prereq: Prerequisite: CS-232.

**CS-443. Project Management. 3.00 Credits.**

The objectives for this course are to examine and understand the broad concepts and principles of managing the resources that comprise a computer systems development project This will be carried out in terms of the traditional systems development life cycle (SDLC) and variations of the SDLC using system development tools to assist in this process with special emphasis on the use of Microsoft Project The course content will consist of lectures to examine the concepts and principles of this discipline and hands on computer lab exercises using the Microsoft Project software package.

**CS-455. Advanced Robotics. 3.00 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. Planning 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 kits. Prereq: CS-275.

**CS-470. Intro to Artificial Intelligence. 3.00 Credits.**

Knowledge representation, cognitive simulation, machine learning, natural language processing, knowledge-rich problem solving.

**CS-475. Introduction to Neural Networks. 3.00 Credits.**

This course will introduce students to neural networks and its applications. Architectures of neural networks as well as the learning structures will be presented. Prereq: CS-232.

**CS-485. Programming Languages. 3.00 Credits.**

A survey of some current programming languages. Discussion of language design issues including syntax, semantics, virtual computers, translations, elementary and structured data types, sub programs, sequence control, data control, storage management, and operating environment. Prereq: CS-232 and CS-370.

**CS-489. INTL Telcomm Networks. 3.00 Credits.**

In this course we will learn how International Telecommunications Networks are designed, built, and maintained. We will study transmission modes, coding schemes, modulation, multiplexing, data sets, common carriers, tariffs, monitoring/troubleshooting, software, and network design. As part of the course we will design an International Telecommunications Network and identify associated costs. Prereq: CS-150 or CS-180.

**CS-490. Ind Study in Computer Science. 3.00 Credits.**

For the superior student to pursue under supervision independent study and research topics not covered in the scheduled class work.

**CS-491. Spec Topics in Computer Sci. 3.00 Credits.**

This course is arranged as the need arises to provide for materials of interest and use to groups of students.

**CS-495. Cryptology. 3.00 Credits.**

This course gives a historical introduction to Cryptology, the science of secret codes. It begins with the oldest recorded codes taken from hieroglyphic engravings and ends with the encryption schemes used to maintain privacy during Internet credit card transactions. Since secret codes are based on mathematical ideas, each new kind of encryption method leads in this course to the study of new mathematical ideas and results. The first part of the course deals with permutation-based codes: substitutional ciphers, transpositional codes, and Vigenere ciphers. In the second part of the course, the subject moves to bit stream encryption methods. These include block cipher schemes such as the Data Encryption Standard (DES). Public key encryption is the subject of the final part of the course. We learn the mathematical underpinnings of Diffie-Hellman key exchange, RSA, and Knapsack codes. Software packages and tools will also be studied. Prereq: IS-380.

**CU Courses****CU-157. Introduction to Photography I. 3.00 Credits.**

Beginning with basic camera operation, students learn the visual and technical elements that create a photograph. 35mm camera required. Prereq: CM-115, CM-117, or CM-120.

**CU-158. Introduction to Photography II. 3.00 Credits.**

Directed toward developing a personal style of picture taking, this course includes dark-room experience in processing and printing black and white film. Prereq: CM-115, CM-117, or CM-120.

**CU-190. Intro to Film. 3.00 Credits.**

Screenings, readings, and discussions to provide an understanding of the basic elements of the film medium. Prereq: CM-115, CM-117, or CM-120.

**CU-202. Media Communications I. 3.00 Credits.**

An introduction to the study of media with a focus on mass communications: history and major developments in publishing, broadcasting, film, and new information delivery systems. Prereq: CM-115, CM-117, or CM-120.

**CU-203. Media Communications II. 3.00 Credits.**

A survey of communication process, research, and theories. Also an introduction to the impact of regulation, law, and ethics on media practitioners and users. Prereq: # CM-115, CM-117, or CM-120. # CU-202.

**CU-205. News Writing and Reporting. 3.00 Credits.**

An introduction to journalism including a survey of print media and practice in interviewing reporting and writing hard news and news feature stories Prereq: CM-115 CM-117 or CM-120.

**CU-208. Broadcast Newsroom. 3.00 Credits.**

A course on the practical skills of broadcast TV Students will be introduced to TV news writing and productivity They will learn to shoot and edit news stories for broadcast Prereq: CM-115 CM-117 or CM-120.

**CU-210. Writer's Workshop. 3.00 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 Prereq: CM-115 CM-117 or CM-120.

**CU-212. Media Principles & Practices. 3.00 Credits.**

A look at landmark historical issues and controversies and the way great writers approached reporting on these issues Serves as a guideline to addressing major social controversies by reporters from diverse backgrounds Prereq: CM-115 CM-117 or CM-120 CU-205.

**CU-213. Advertising and the New Media. 3.00 Credits.**

The history theories techniques and social impact of advertising and its place in publishing broadcasting and the new media Prereq: # CM-115 CM-117 or CM-120 # 2 courses From courses CU-202 CU-205.

**CU-214. Art Advertising and Design. 3.00 Credits.**

Appreciation of the non-verbal communication of visual images: light color shape line texture design principles etc Studies through projects creating effective advertising images.

**CU-218. Media Business. 3.00 Credits.**

An examination of media as a profit making industry The roles of sales advertising and investors are viewed as are trends of corporate media and entrepreneurship Public relations and ethics are introduced Prereq: # CM-115 CM-117 or CM-120 # 2 courses From courses CU-202 CU-205.

**CU-220. Introduction to Computer Art. 3.00 Credits.**

Designed to introduce the student to using the computer for design in Quark Xpress photo manipulation in Photoshop and illustration in Illustrator Both for artist and non-artist graphic arts or internet Projects form basis of professional portfolio.

**CU-221. Intro to Publishing Industry. 3.00 Credits.**

A foundation course in the Writing and Publishing specialty in the Communication major which explores the business and creative division of print oriented media such as blogs websites magazines newspapers and books.

**CU-228. Asian Film. 3.00 Credits.**

This course introduces students to the history of Asian film industries and landmark films They will look at the major films and film makers of Hong Kong Japan Taiwan and Korea as well as the popularity of the anime phenomenon and Indian Bollywood films Prereq: CU-202 CU-205.

**CU-232. Advanced Desktop Publishing. 3.00 Credits.**

Creation of a brochure mailer newsletter or magazine at home or in business Use of current programs per business world standards Emphasis on aesthetic concerns.

**CU-241. Advertising Management. 3.00 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" Prereq: # BA-151 # CM-115 CM-117 or CM-120.

**CU-244. Women in Film. 3.00 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 Prereq: CM-115 CM-117 or CM-120.

**CU-247. Marketing Communications. 3.00 Credits.**

A workshop designed to integrate promotional media devices and publicity in order to achieve corporate objectives Prereq: CM-115 CM-117 or CM-120.

**CU-252. Creative Writing. 3.00 Credits.**

Training and practice in writing and evaluating fiction and poetry.

**CU-255. Ethics in Communications. 3.00 Credits.**

This course considers both the rational basis for good human action and in particular the application of those principles to the personal and social dimensions of communication Topics such as truth speaking fairness in reporting truth in advertising selection of data bias in professional judgment and so forth will be considered Values course Satisfies values but not core elective requirements Prereq: # PL-100 # CM-115 CM-117 or CM-120.

**CU-256. The Horror Film. 3.00 Credits.**

A look at the horror genre as a metaphorical representation of social anxieties. The course traces the roots of horror from early European cinema to modern times looking at the landmark films and the important stars and film makers of the genre. Prereq: CM-115 CM-117 or CM-120.

**CU-260. Radio Station. 3.00 Credits.**

A course in the practical skills of radio broadcasting. It teaches the basics of using equipment to produce edit and broadcast a radio program. Productions students create will be part of the new campus radio station's programming. Prereq: CM-115 CM-117 or CM-120.

**CU-261. Radio Station II. 3.00 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. Prereq: CU-202 CU-205 CU-260.

**CU-265. Screen Writing. 3.00 Credits.**

The course teaches the techniques of writing for feature films and TV including the one hour episode half hour and movie-of-the-week formats. Prereq: CM-115 CM-117 or CM-120.

**CU-266. Advanced Screenwriting. 3.00 Credits.**

Students with promising projects in Screenwriting will continue their work under the supervision of the instructor. Includes story conferences, sharing work, analyzing successful scripts, creating "bibles" for TV series and completing a script suitable for professional submission. Prereq: CU-265.

**CU-270. Broadcast Studies. 3.00 Credits.**

Students will be introduced to the basic structure, history, social impact and operations of the broadcast industry. Prereq: CM-115 CM-117 or CM-120.

**CU-274. Media: Behind the Scenes. 3.00 Credits.**

A Metropolitan Seminar. Students visit news and entertainment centers including 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. Prereq: CM-115 CM-117 or CM-120.

**CU-275. Public Speaking Workshop. 3.00 Credits.**

Intensive practical experience addressing a variety of audiences with individual analyses of performance and specific recommendations for improvement. Presentations will be videotaped to improve speaking technique. Prereq: CM-115 CM-117 or CM-120.

**CU-277. Strategies of Oral Communication. 3.00 Credits.**

Techniques of oral presentation to promote clear and effective exchange of information and ideas in a variety of everyday situations with special attention to business interviews, meetings and conferences. Prereq: CM-115 CM-117 or CM-120.

**CU-280. Mediated Comm in Organizations & Society. 3.00 Credits.**

Examination of how new technologies are being used to organize work, facilitate organizational decision making, conduct personal relationships, create communities and manage everything from personal interaction to global business organizations. Prereq: CU-202 CU-205 CM-115 CM-116 CM-117 CM-119 CM-120 HP-122.

**CU-281. Media Literacy. 3.00 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-282. Science Fiction Film. 3.00 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. Prereq: CM-115 CM-116 CM-117 CM-119 CM-120 or HP-122.

**CU-283. The Conspiracy Theory Film. 3.00 Credits.**

The course looks at the themes of conspiracies and paranoia in film and popular culture. Students examine how social and political conflicts through the decades have created fears of large-scale corruption in organizations of power and how these fears were translated to the movie screen. Prereq: CM-106 CM-117 or CM-120.

**CU-285. Gender & Communication. 3.00 Credits.**

This course is an introduction to the field of study of communications and gender. The objective is the explanation, observation, discussion and understanding of a gender and how it affects communication at the personal, group, organization and societal levels and how gender is portrayed in our culture through digital technology and the mass media.



**CU-293. Today's Film Scene. 3.00 Credits.**

Students will meet in Manhattan to view and analyze contemporary films often before they are released to the general public. At times the film makers are likely to participate. The course will give students a knowledge of the contemporary film scene as well as skills in film analysis. Prereq: CM-115 CM-117 CM-119 CM-120 or HP-122.

**CU-295. Co-Op. 3.00 Credits.****CU-299. Special Topics in Communications. 1.00 Credit.**

Special topics in communications.

**CU-300. Film Theory and Criticism. 3.00 Credits.**

To develop an understanding of film and TV and the ability to write about them students will be introduced to major theoretical and aesthetic approaches including auteur theory genre theory semiotics and spectatorship. Prereq: CU-202 CU-205 CM-115 CM-116 CM-117 CM-119 CM-120 or HP-120.

**CU-302. Digital Audio Production. 3.00 Credits.**

Workshop style course in basic digital audio editing for all electronic media including music news sports commercial PR radio tv and film. Students will use professional digital software not listed in CU-260 & CU-261. Prereq: CU-260.

**CU-304. Princip of Media Law & Ethics. 3.00 Credits.**

An overview of laws governing writing and reporting from first amendment to libel roles of journalists in criminal cases and the relationship between the press and government. Looks at where the law stops and ethical obligations begin. Prereq: CU-202 CU-205 CM-115 or CM-117 or CM-119 or CM-120.

**CU-306. The Animated Film. 3.00 Credits.**

This course will explore the history of animation from the early lantern shows of the 19th century to modern digital technology. The class will also discuss the social cultural economic and artistic impact of various animators and their creations.

**CU-307. Art Commerce & Cultural Impact of Disney. 3.00 Credits.**

This interdisciplinary course will explore how one company using branding corporate synergy and transmedia storytelling has had an impact on the global economy social institutions public spaces culture & our private lives.

**CU-310. Advanced Newswriting & Editing Workshop. 3.00 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. Prereq: # CU-205 #.

**CU-313. Advanced Newswriting 2. 3.00 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. Prereq: CU-205 CU-310.

**CU-315. Business and Professional Communication. 3.00 Credits.**

How to communicate in various channels necessary for the efficient functioning of groups and organizations. This includes writing for all forms of print and online as well as understanding interpersonal interaction and group dynamics that support and promote effective teamwork.

**CU-321. Book Editing & Publishing Workshop. 3.00 Credits.**

Learning the process of the book editing and production by creating a book using current electronic technology. Students study the process of taking manuscripts and creating the final process. Prereq: CU-202 CU-205.

**CU-340. Sportswriting. 3.00 Credits.**

A study of the growth of this area of specialized journalism including interviewing reporting and writing assignments for a variety of sports. Prereq: CM-115 CM-117 or CM-120 CU-202 CU-205.

**CU-341. Art & Entertainment Journalism. 3.00 Credits.**

An overview of an area of specialized journalism: Arts and Entertainment. A look at the history and current issues in the arts from early 20th century tabloids to today's bloggers copyright concerns and arts in the community. Prereq: CM-115 or CM-120 or HP-122 CU-205.

**CU-350. Public Relations. 3.00 Credits.**

Influencing public opinion is the major goal of public relations activities. This course examines the roles of opinion research press agency product promotion publicity lobbying public affairs fund-raising and special events management in creating a favorable image for a client. Writing skills are emphasized.

**CU-352. Conversations W/ Writers - Metro Seminar. 3.00 Credits.**

The goal of this course is to introduce students to the working habits and aesthetic ambitions of professional writers of books screenplays newspaper articles and other media content. Students will read writers' works publicity and marketing material then students will discuss the information with the authors at their work sites.

**CU-355. Video Journalism. 3.00 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. Prereq: CU-205 or JN-205 CM-115 CM-117 or CM-120.

**CU-365. History of the Press. 3.00 Credits.**

A study of the press in Great Britain and the US from the 17th century to the present focusing on common themes and practices. Prereq: CU-205 or JN-205 CM-115 CM-117 or CM-120.

**CU-371. Production & Post Production. 3.00 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, storyboarding, 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. Prereq: CU-202.

**CU-385. Multimedia Reporting. 3.00 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. Prereq: CU-205 or JN-205 CM-115 CM-117 or CM-120.

**CU-400. Research Writing. 3.00 Credits.**

An introduction to Communications research including quantitative and qualitative methods focusing on ethical questions and culminating in an investigative article or research paper. Prereq: CM-115 CM-117 or CM-120.

**CU-410. Investigative Journalism & Advanced Feat. 3.00 Credits.**

The practical application of investigative and public affairs reporting skills. Students will complete a major investigative news piece and gather information from public records and interview sources. Prereq: CM-115 CM-117 or CM-120 CU-205 CU-206 CU-310.

**CU-416. Children's Literature. 3.00 Credits.**

An examination of fiction written for children including classic and modern stories. Students will read traditional literature, picture books, and genre texts including realism, history, and fantasy. The publishing of children's books and book choices for the classroom are considered. Prereq: EL-123 EL-134.

**CU-419. Magazine Writing. 3.00 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. Prereq: CM-115 CM-117 or CM-120.

**CU-421. Fiction and Film. 3.00 Credits.**

The course provides an introductory understanding of film, the novel, and of the ways they interrelate.

**CU-423. The American Film. 3.00 Credits.**

Through lectures, films shown in class, readings, and research projects, this course will develop the students' ability to analyze film in depth, as well as to understand the historical and artistic development of the Hollywood film industry. Classical and current films will be studied in relation to American, as well as foreign, film traditions.

**CU-454. Black Films. 3.00 Credits.**

A survey of 20th century film making by and about African-Americans. Prereq: CM-115 CM-117 CM-119 CM-120 or HP-122.

**CU-495. Media Internship I. 3.00 Credits.**

This course integrates study in a specialty area of media communications with a job experience in the field. Students will compare academic preparation to work place demands and will think critically about choosing learning resources for the world of work. Prereq: CM-115 CM-117 or CM-120 CU-202 CU-205.

**CU-496. Media Internship II. 3.00 Credits.**

This course integrates advanced study in a specialty area of media communications with a job experience in the field. Students are encouraged to think critically about media ethics and practice. Prereq: CM-115 CM-117 or CM-120.

## EA Courses

**EA-010. ESL Beginner Level. 3.00 Credits.**

This course is designed to develop fluency in listening, speaking, reading, and writing skills in English for those who already have some experience with the language.

**EA-020. ESL Intermediate Level. 3.00 Credits.**

This course prepares students who want to gain higher-level skills in English or those who want to pursue academic work. All language skills are covered with emphasis on writing and reading.

**EA-030. ESL Advanced Level. 3.00 Credits.**

This course prepares students in the English language who want to pursue college composition coursework. The course covers all language skills with emphasis in reading, writing, and academic vocabulary.

**EA-031. Introduction to English Essentials. 3.00 Credits.**

This course emphasizes the basic structure of the essay Paragraph development and thesis statements are examined and practiced Special attention to language acquisition is given Coreq: EA-030L.

**EA-032. ESL Dynamics of College Reading I. 3.00 Credits.**

Using culturally and linguistically appropriate materials students practice critical reading skills Discussion and sharing are an integral part of the course.

**EA-042. ESL Dynamics of College Reading II. 3.00 Credits.**

Students will build upon the skills learned in College Reading I Reading to become a better writer is also a major focus of the course Prereq: EA-032 or placement.

**EC Courses****EC-100. Introduction to Economics. 3.00 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. 3.00 Credits.**

Definition of economics and its methodology Scarcity and the resulting macroeconomic problems Measurement and determination of the level of macroeconomic activity (size and components of GNP full employment growth) stabilization problems (unemployment and inflation) and policies.

**EC-102. Microeconomic Principles. 3.00 Credits.**

Scarcity and the resulting microeconomic problems Demand and supply analysis and applications Production and cost functions Market structures industry and firm conduct and performance Resource markets.

**EC-210. Contemp Microeconomic Issues. 3.00 Credits.**

An issues-oriented approach to microeconomics The practical application of economic principles to production pricing the allocation of resources income distribution regulation and a variety of social problems.

**EC-215. Contemp Macroeconomic Issues. 3.00 Credits.**

Exploration of major macroeconomic issues policies and problems Topics will include inflation unemployment tax policy the changing role of the US in the world economy etc.

**EC-220. Personal Financial Management. 3.00 Credits.**

Survey of the economic and financial concepts and institutional arrangements involved in the handling of personal finances Topics include: taxes insurance investments and securities debt savings annuities estate planning budgeting.

**EC-225. The Global Economy. 3.00 Credits.**

Survey of selected international economic issues including: foreign debt European Economic Community emergence of new world powers collapse of the socialist system protectionism vs free trade and growth and development.

**EC-230. Urban Economic Policies & Problems. 3.00 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. 3.00 Credits.**

The fundamentals of microeconomic theory Consumer demand theory including the classical utility and indifference curve approach to consumer equilibrium Firm behavior under various types of market structures General equilibrium.

**EC-252. Intermediate Macroeconomics. 3.00 Credits.**

Models of national income determination Inflation unemployment and the role of monetary and fiscal policy.

**EC-295. Co-Op. 3.00 Credits.****EC-300. Stats for Business & Economics. 3.00 Credits.**

Introduction to the use of statistics in describing and solving economic and business problems Frequency distributions measures of central tendency and dispersion Basic probability theory and acceptance sampling Confidence interval estimation and hypothesis testing Simple regression and correlation analysis.

**EC-301. Mathematical Economics. 3.00 Credits.**

The main applications of mathematics to economic concepts and problems Maximization minimization problems Simultaneous equations calculus linear algebra.

**EC-302. Elements of Econometrics. 3.00 Credits.**

The application and limitations of statistical techniques in testing economic theory Simple and multiple regression analysis Time series and cross section analysis Problems encountered in regression Multicollinearity serial correlation.

**EC-303. Linear Programming for Econ. 3.00 Credits.**

Algebraic and geometric prerequisites the simplex method transportation problems network flows application to industrial problems and economic theory.

**EC-324. Poverty & Inequality. 3.00 Credits.**

Description and analysis of the causes characteristics and consequences of poverty Links between poverty and inequality Measurement of the different dimensions of poverty and inequality Comparative analysis of poverty and inequality across countries Poverty reduction policies and strategies Prereq: EC-101 EC-102.

**EC-350. History of Economic Thought. 3.00 Credits.**

The development of economic ideas from 1500 to present Analysis and evaluation of the contributions of major writers and schools - orthodox and heterodox.

**EC-351. American Economic History. 3.00 Credits.**

The formation and transformation of the American economy from colonial times to the present with particular emphasis on the post-Civil War period Prereq: EC-101 EC-102 or Permission of Instructor.

**EC-352. Managerial Economics. 3.00 Credits.**

The application of economic principles to managerial decisions in the areas of production costs demand pricing and advertising.

**EC-353. Labor Economics. 3.00 Credits.**

Labor aspects as a factor of production Concept and changing composition of the labor forces competing theories of wage determination employment insecurity institutional and political developments consequent upon the emergence of the labor force as a separate economic entity.

**EC-354. Industrial Organization. 3.00 Credits.**

Structure of American industry Considers concentration ratios barriers to entry efficiency research and development levels industry conduct and performance policy implications.

**EC-355. Government and Business. 3.00 Credits.**

The nature and scope of the government's antitrust and regulatory policies and the impact of those policies on business and industry Topics include: the legal basis limitations instruments and targets of control benefits versus costs of regulation evaluation of relevant governmental agencies and bodies (FDA EPA FCC SEC etc).

**EC-356. Urban Economics. 3.00 Credits.**

Inquiry into the growth and development of urban areas the location form and structure of cities current urban problems and policies.

**EC-357. Economics of Human Resources. 3.00 Credits.**

The economic dimensions of basic decisions made by individuals and families over their life cycles and the policy implications of those choices Topics include: economic determinants of marriage family size and migration labor supply and alternatives to working (public assistance or crime) investment in human capital (education training health) income inequality poverty and discrimination.

**EC-358. Public Finance. 3.00 Credits.**

An analysis of the role of government in the economy The efficiency and equity of government expenditures and tax programs.

**EC-401. Intro to Corporate Finance. 3.00 Credits.**

The financial problems and policies of business corporations: formation and capitalization types of securities consolidation reorganization and liquidation recent legislation scope and functions of US Financial institutions Cannot be taken by anyone who has taken Ec410.

**EC-410. Business Finance. 3.00 Credits.**

Provides the analytical foundation for applied courses in finance investments and financial institutions Topics include: discounted cash flow analysis theory of valuation for corporate securities concepts of risk and rate of return the capital asset pricing model financial forecasting working capital policy.

**EC-415. International Finance. 3.00 Credits.**

Analysis of foreign exchange and foreign exchange markets balance of payment disequilibrium and adjustment exchange risk management and investment decisions.

**EC-420. Money Credit and Banking. 3.00 Credits.**

Analysis of money and banking system The impact of deregulation and the changing nature of the financial system in a domestic and international setting The structure and role of the Federal Reserve system Keynesian monetarist and rational expectations views on money and economic activity.

**EC-450. International Trade. 3.00 Credits.**

Trade theories: traditional and modern approaches International resource allocation trade flows tariff and non-tariff barriers to trade free-trade agreements multinational corporations location theory.

**EC-451. Comparative Economic Systems. 3.00 Credits.**

Structure organization and practice in factor allocation pricing and distribution for market economies socialist economies mixed economies and centrally planned economies.

**EC-452. Economic Development. 3.00 Credits.**  
Measurement and income distribution - obstacles constraints factors and theories of economic development Aid planning and actual experiences New consideration to the development process  
Prereq: EC-101 EC-102 or Permission of Instructor.

**EC-454. Political Econ of Lat America. 3.00 Credits.**

Survey of historical cultural and political events A contemporary study of economic development debt crisis trade financial and stabilization policies.

**EC-490. Seminar: Current Economic Problems. 3.00 Credits.**

Course designed to allow the student to engage in intensive investigation research and reporting on specific problems in economics.

**EC-493. Seminar: Macroeconomic Policy. 3.00 Credits.**

Case-study approach to US macroeconomic problems and policies and their international repercussions The interplay of political institutions and market forces in the shaping of macroeconomic policy.

**EC-494. Sem: Unions & Collective Bargaining. 3.00 Credits.**

The nature and economic significance of labor unions in the US 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.

**EC-496. Senior Seminar in Economics. 3.00 Credits.**

This capstone course ties together the various components in the Economic Major as well as prepares graduates for the next level Students will develop a synthesis production Should be taken last term senior year Prereq: EC-251 EC-252 EC-300.

## ED Courses

**ED-001. Reading Lab. 0.00 Credits.**

**ED-010. Dynamics of College Reading. 3.00 Credits.**

A program of selected readings vocabulary enrichment and guided study which enables students to develop an effective approach to study by introducing them to selected reading in diverse fields including their major.

**ED-101. Dynamics of College Learning. 3.00 Credits.**

Using multiple interdisciplinary methods students will be introduced both academically and emotionally to the transition to college Cooperative and experiential learning in a multi-cultural setting will be used in addressing topics such as: test-taking strategies math reading writing technology and study skills.

**ED-102. Dynamics of College Learning II. 1.00 Credit.**

A multidisciplinary course for freshmen to assist in their development as responsible college students and to further their potential for academic success.

**ED-160. Aims of American Education. 3.00 Credits.**

The historical contributions of private and public schools to the American educational system Emphasis on issues and problems past and present involving human and intercultural relations as they effect the education of American children.

**ED-170. Child & Adolescent Psychology. 3.00 Credits.**

A study of the growth and development from birth to the teen period within the context of the school.

**ED-203. Educational Psychology. 3.00 Credits.**

A study of the psychological backgrounds of such topics as 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. 3.00 Credits.**

Methods of foreign-language pedagogy lesson planning syllabi classroom activities and methods of evaluation Taught in English recommended for education majors and/or minors.

**ED-301. Tests and Measurements. 3.00 Credits.**

A functional introduction to the field of student appraisal Significance and scope statistical treatment and interpretation of standardized tests Construction and refinement of objective and essay tests in terms of recognized test criteria.

**ED-313. Typewriting for Teachers. 4.00 Credits.**

Development of basic facility and building of appropriate skills to achieve technical competence in typewriting.

**ED-314. Methods of Teaching Typewriting. 2.00 Credits.**

Methods of teaching beginning and advanced typewriting courses including work processing Presentation of materials of instruction available to teachers and methods of developing original instructional materials.

**ED-389. Latina Research in Action. 3.00 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.

**ED-390. Innov Projects in Education I. 3.00 Credits.**

Special projects of merit under the direction of a mentor Open to juniors and seniors only.

**ED-391. Innov Projects in Education II. 3.00 Credits.**

Special projects of merit under the direction of a mentor Open to juniors and seniors only.

**ED-393. Pract in Urban Education I. 3.00 Credits.**

Students will apply and evaluate a variety of teaching techniques in supervised settings The techniques utilized will be appropriate for a broad range of courses.

**ED-394. Pract in Urban Education II. 3.00 Credits.**

Students will apply and evaluate a variety of teaching techniques in supervised settings The techniques utilized will be appropriate for a broad range of courses.

**ED-395. Special Topics in Education. 1.00 Credit.**

Exploration of a selected topic in the field of education.

**ED-399. Tutorial. 3.00 Credits.****ED-400. Teaching PE in Mid-Sec School. 3.00 Credits.**

Principles and practices of teaching PE in grades 7 to 12 Course places emphasis on ethics principles procedures and techniques related to teaching PE in middle and secondary schools Prereq: PE-104 ED-490.

**ED-428. The Lit. Cult.& Soc. Issues: West Africa. 3.00 Credits.**

A study of seminal texts representing the Malinke Igbo Ghanaian Wolof Bambara and Senegalese peoples of West Africa.

**ED-429. Southern African Literature. 3.00 Credits.**

Students will study the literature and cultures of Southern Africa.

**ED-432. Film & Conflict. 3.00 Credits.**

The explanation of conflict through film Course will focus on student's ability to analyze film in respect to conflict presented in character plot and theme.

**ED-489. Sem: Cntmp Thkg or Global Persp. 3.00 Credits.**

Global interdependence in trade politics communications and resulting global perspectives Current theory and research on global perspectives.

**ED-490. Sophomore Field Experience. 1.00 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. 1.00 Credit.**

Observation and participation in elementary or secondary school for minium of 40 hours with focus on methods and techniques in the student's area of endorsement A seminar will provide additional direction and reinforcement.

**ED-493. Practicum in Reading. 3.00 Credits.**

A field experience designed to provide the opportunity for students to work with reading teachers in a classroom setting.

**ED-496. Superv Intern in Teaching I. 4.00 Credits.**

A supervised classroom teaching experience including seminars and conferences designed for those who begin teaching without having completed student teaching.

**ED-497. Superv Intern in Teaching II. 4.00 Credits.**

A supervised classroom teaching experience including seminars and conferences designed for those who begin teaching without having completed student teaching.

**ED-498. Educ of Disadvantaged Child. 3.00 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. 3.00 Credits.**

A comprehensive overview of the total elementary school program as a vehicle for the training of the child in contemporary society.

**EE-204. Teaching Language Arts: Elem School. 3.00 Credits.**

Materials and techniques of instruction appropriate to the teaching of spelling handwriting listening and oral and written language skills in the elementary school.

**EE-206. Teaching Reading Elementary School. 3.00 Credits.**

Instruction in modern techniques for teaching children to read Group and individual approaches phonetic basic text and experimental techniques Study of literature appropriate to reading development appreciation and enjoyment.

**EE-212. Tchng Mathematics in Elem Sch. 3.00 Credits.**

Materials and techniques of teaching mathematics with appropriate emphasis on the traditional and modern developments in the field Class activities teaching aids planning and evaluation of mathematics learning.

**EE-214. Tchng Science in the Elem Sch. 3.00 Credits.**

Materials and techniques of teaching science with emphasis on the discovery approach to equip the child with basic science learning and to awaken a desire for further science study in secondary school.

**EE-216. Arts & Crafts in the Elem School. 2.00 Credits.**

A studio course designed to give students direct experience with a variety of materials Teaching techniques and activities for various age levels Awareness of the place of arts and crafts in the total school program.

**EE-495. Student Teaching: Elementary. 8.00 Credits.**

A supervised classroom teaching experience on the elementary level (K-8) including seminar meetings and conferences scheduled prior to and during the student-teaching term Prereq: ED-490 ED-491.

**EE-499. Student Teaching : Elementary. 6.00 Credits.**

null Prereq: ED-490 ED-491.

**EL Courses****EL-123. Forms of Literature: Poetry and Drama. 3.00 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 Prereq: CM-115 CM-117 or CM-120.

**EL-134. Fiction. 3.00 Credits.**

Designed to initiate and develop understanding and appreciation of the nature properties and traditions of prose fiction and to stimulate critical interest in this literary form by establishing standards of judgment and evaluation Prereq: CM-115 CM-117 or CM-120.

**EL-201. Survey of English Literature I. 3.00 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.

**EL-202. Survey of English Literature II. 3.00 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.

**EL-210. Grammar for Writers. 3.00 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 Prerequisite CM 117 120 or HP 119 Prereq: CM-115 CM-117 CM-119 CM-120 or HP-122.

**EL-244. Women in Film. 3.00 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 Prereq: CM-115 CM-117 CM-119 CM-120 or HP-122.

**EL-252. Creative Writing. 3.00 Credits.**

Training and practice in writing and evaluating fiction and poetry.

**EL-254. Dramatic Writing Workshop. 3.00 Credits.**

An introduction to the basics of dramatic writing this course is for students who wish to concentrate on scripts for the stage with some consideration of writing for film and television.

**EL-257. Creative Writing Workshop. 3.00 Credits.**

Provides student writers with an opportunity to share their work and receive informed criticism on it Prereq: CM-115 CM-117 CM-119 CM-120 or HP-122.

**EL-293. Today's Film Scene. 3.00 Credits.**

Students will meet in Manhattan to view and analyze contemporary films often before they are released to the general public At times the film makers are likely to participate The course will give students a knowledge of the contemporary film scene as well as skills in film analysis Prereq: CM-115 CM-117 or CM-120.

**EL-300. History of the English Language. 3.00 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 (including black English) grammar review and problems of syntax orthography and composition (Group 1).

**EL-304. Medieval English Literature. 3.00 Credits.**

Survey of the Old English period (499-1066) covering selected prose and poetry including Beowulf and the Middle English period (1066-1485) surveying the works of Chaucer Langland the Gawain poet Malory and others (Group 1) Prereq: EL-123 or EL-134.

**EL-305. Chaucer. 3.00 Credits.**

Analysis of the Canterbury Tales Troilus and Criseyde and several of the minor poems (Group 1).

**EL-311. The Renaissance: Major Texts. 3.00 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 (Group 1).

**EL-313. Renaissance Drama. 3.00 Credits.**

A reading and analysis of a variety of Renaissance plays from England and the continent (Group 1).

**EL-314. Elizabethan & Jacobean Drama. 3.00 Credits.**

A study of important dramatists from Marlowe to Ford excluding Shakespeare Revenge tragedies history plays and city comedies are examined both as literature and as plays intended for performance (Group 2).

**EL-315. Shakespeare. 3.00 Credits.**

A critical appreciation of representative sonnets history plays comedies "problem comedies" tragedies and romances Works are studied within their historical context and plays are approached both as published literature and as work designed for the stage (Group 2).

**EL-321. 17th Century English Literature. 3.00 Credits.**

Prose and non-dramatic poetry from Jonson to Milton (Group 2).

**EL-322. Black Novel. 3.00 Credits.**

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

**EL-325. Milton. 3.00 Credits.**

The major and minor poetry of Milton his more important prose works (Group 2).

**EL-326. 18th Century English Literature. 3.00 Credits.**

The prose and poetry of the Enlightenment from Dryden to Blake (Group 2).

**EL-327. 18th Century English Novel. 3.00 Credits.**

A study of the development of the novel from Richardson to Austen (Group 2).

**EL-328. Swift Pope and Johnson. 3.00 Credits.**

A study of the works of three of the major eighteenth-century English writers who helped shape the values and vision of their period (Group 2).

**EL-331. English Romanticism. 3.00 Credits.**

English literature from Thomson to DeQuincey (Group 3).

**EL-334. Victorian Prose and Poetry. 3.00 Credits.**

Victorian literature from 1832-1901 The major figures: poets essayists novelists (Group 3).

**EL-335. Victorian Life and Literature. 3.00 Credits.**

A study of art education history religion and science in the literature of the Victorian era (Group 3).

**EL-336. Ideas & Social Problems Victorian Lit.. 3.00 Credits.**

A study of art history religion and science in the literature of the Victorian era (Group 3) Prereq: EL-123 EL-134.

**EL-340. The Literature of Spiritual Journeys. 3.00 Credits.**

By considering serious literary works from ancient to modern times - including Homer Whitman Tolstoy Hesse Kerouac - under the rubric of spiritual journey literature this course develops skills in multicultural analysis and vision.

**EL-345. Gothic Literature. 3.00 Credits.**

The gothic mode in fiction has been popular for over two centuries Exploration of stories and novels both British and American that reflect basic elements of the genre.

**EL-347. The American Novel Before 1900. 3.00 Credits.**

Selected novels by such writers as Brockden Brown Cooper Hawthorne Melville and Twain (Group 3).

**EL-348. American Literature to 1870. 3.00 Credits.**

The major writers and movements to 1870 with emphasis on the American dream of fulfillment (Group 3).

**EL-350. Women and Literature II. 3.00 Credits.**

An investigation of the values and role of women as authors of and characters in twentieth-century fiction poetry and drama Study of the changing status of women: socially economically artistically and psychologically (Group 5).

**EL-351. American Literature From 1870. 3.00 Credits.**

The major writers and movements from 1870 with emphasis on the American dream of fulfillment (Group 4).

**EL-353. The American Short Story. 3.00 Credits.**

A study of selected nineteenth and twentieth-century American short story masterpieces (Group 4).

**EL-354. American Drama. 3.00 Credits.**

Works by important American playwrights such as O'Neill Williams and Miller will be explored.



**EL-356. Modern American Poetry. 3.00 Credits.**

A study of the lives and works of selected American poets including Walt Whitman Emily Dickinson Robert Frost TS Eliot William Carlos Williams and Sylvia Plath (Group 4).

**EL-357. The American Novel Since 1900. 3.00 Credits.**

Selected novels by such writers as Howells James Dreiser Fitzgerald Hemingway Faulkner Updike Roth and Oates (Group 4).

**EL-358. Contemporary Literature. 3.00 Credits.**

Significant American writers (poets novelists short story writers and playwrights) from the 1960's to the present (Group 5).

**EL-359. The Literature of Black America. 3.00 Credits.**

A survey of the major literary achievements of black American writers May be substituted for E1134 (Group 4).

**EL-363. Modern British Novelists. 3.00 Credits.**

Selected novels of Conrad Forster Lawrence Woolf Waugh and Greene The short stories of Joyce (Group 4).

**EL-365. Continental Novel. 3.00 Credits.**

The shorter works and novels of Proust Mann Kafka Heese Gide Camus Mauriac Langerkvist and Matraux.

**EL-367. Modern Drama. 3.00 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 (Group 4).

**EL-368. Modernist and Post-Mod Fiction. 3.00 Credits.**

A study of modernists such as Kafka Joyce Woolf and Freud and post-modernists including Garcia Marquez Pynchon DeLillo Satrapi and Gibson (Group 4).

**EL-369. Seminar in Joyce's Ulysses. 3.00 Credits.**

Dubliners and A Portrait of the Artist as a Young Man are first quickly read and then all the episodes of Ulysses are studied and discussed in a seminar setting at the rate of one or two episodes a week (Group 5).

**EL-371. The Christian Novel. 3.00 Credits.**

A study of several novellas and novels of the past century from a variety of literary traditions dealing with the issue of faith in a faithless age Some writers to be read include Tolstoy Dostoevsky Silone Unonumo and Graham Greene.

**EL-372. Seminar: Faulkner. 3.00 Credits.**

An in-depth study of the works of William Faulkner Students will be expected to present seminar reports.

**EL-375. Responses to the Land: Hist & Lit of Env. 3.00 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 Prereq: EL-123 EL-134 HS-121 HS-122.

**EL-383. Bearing Witness to War & Genocide. 3.00 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? Prereq: EL-123 EL-134 HS-121 HS-122.

**EL-390. Special Projects in English. 3.00 Credits.**

Special or independent work arranged with departmental permission and supervision.

**EL-399. Tutorial. 3.00 Credits.****EL-401. World Literature. 3.00 Credits.**

Masters of world literature Selected readings of important works principally from the nineteenth and twentieth centuries.

**EL-402. Literary Theory. 3.00 Credits.**

This course explores developments in literary theory from classical times to the present including Plato Aristotle Dryden Johnson Coleridge Wilde Pater Lacan and Foucault Students will apply literary theories to works of literature.

**EL-403. Great Books. 3.00 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.

**EL-404. Crime & Punishment in Literature. 3.00 Credits.**

A study of the theme of crime and its subsequent punishment as presented in various literary genres.

**EL-407. Tragedy and Comedy. 3.00 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.

**EL-408. Satire. 3.00 Credits.**

A survey of the major commentators on human vices and follies from classical times to the present day.

**EL-410. Arthurian Legend. 3.00 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 (Group 1).

**EL-411. Anglo-Irish Lit. 3.00 Credits.**

A survey of English Literature written by Irishmen from the seventeenth century to the present selected translations from Irish literature background readings in Irish social cultural and political history from the earliest times to the present.

**EL-412. Forms of Non-Realistic Fiction. 3.00 Credits.**

Survey of romance-oriented literature from Don Quixote to the surrealist novel Authors include Poe HG Wells Kafka Nabokov and Pynchon.

**EL-414. The Historical Novel. 3.00 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.

**EL-416. Children's Literature. 3.00 Credits.**

An examination of fiction written for children including classic and modern stories Students will read traditional literature picture books and genre texts including realism history and fantasy The publishing of children's books and book choices for the classroom considered.

**EL-417. Detective Fiction. 3.00 Credits.**

A study of major British and American writers of detective fiction from Collins and Anna Katherine Greene through the Golden Age to contemporary sub genres.

**EL-418. British Poetry. 3.00 Credits.**

Major poets and trends from the sixteenth century to the early twentieth.

**EL-420. Contemporary Theatre. 3.00 Credits.**

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

**EL-421. Fiction and Film. 3.00 Credits.**

The course provides an introductory understanding of film of the novel and of the ways they interrelate.

**EL-423. The American Film. 3.00 Credits.**

Through lectures films shown in class readings and research projects this course will develop the students' ability to analyze film in depth as well as to understand the historical and artistic development of the Hollywood film industry Classical and current films will be studied in relation to American as well as foreign film traditions.

**EL-450. Capstone Seminar. 3.00 Credits.**

A required seminar on a topic in English or American literature As part of its content the course will provide an introduction to literary theory and criticism applicable to the seminar's focus Students will engage in extended research and write and present a capstone thesis Prereq: EL-123 EL-134.

**EL-473. Shakespeare: From the Page to the Stage. 3.00 Credits.**

Since Shakespeare's plays were intended to be performed live not read in silence we will both critically analyze a selection of his works and then bring the texts alive in performance employing both original theatrical practices and modern acting techniques (Group 2) Prereq: EL-123 EL-134.

**EL-493. Film Noir: Dark Side of American Film. 3.00 Credits.**

An introduction to this American Film genre with reference to its origins in European films and painting of the 1920's and 1930's and in American hard-boiled detective fiction of the 1930's as well as to its significance to the development of Hollywood (Values Course).

**ES Courses****ES-195. Environment of New Jersey. 3.00 Credits.**

The various biotic communities of New Jersey will be studied in detail Current environmental issues/problems and their amelioration will be discussed with emphasis on urban environmental concerns Guest speakers and field trips may be included Prereq: ES-190 BI-184.

**ES-251. Geographic Information System. 3.00 Credits.**

This course introduces the computer-based concepts and skills of Geographic Information Systems (GIS) Basic GIS concepts such as map characteristics and projections spatial data models and analysis and relational databases will be covered Hands-on experience with ArcGIS software is provided Students will be exposed to methods of processing both vector and raster data using ArcGIS software Prereq: ES-190 MA-134.

**ES-261. Soils. 3.00 Credits.**

This course examines the physical hydrological chemical and biological aspects of soil Topics include soil description and classification erosion soil chemistry and microbiology with an emphasis on the importance of soils in environmental studies Prereq: ES-190.

**ES-370. Junior Seminar. 1.00 Credit.**

A detailed analysis of current environmental issues their historical background and future impacts Students will participate and lead discussions of current research in environmental science Guest speakers will provide a professional point of view to these current research issues Prereq: ES-251.

**ES-491. Internship. 2.00 Credits.**

A supervised work experience in an approved organization where students will gain real-world knowledge and use their academic experience in a professional environment Fifty hours of internship is expected A written report at the end of the internship is required This course may be taken more than once for credit.

**ES-493. Research Seminar. 1.00 Credit.**

Students will develop an environmental research project Presentation and paper on their research is required This course may be taken more than once for credit Prereq: ES-370.

**EV Courses****EV-100. Introduction to Environmental Studies. 3.00 Credits.**

An introduction to issues such as global climate change use of natural resources population issues impact of political and economic decisions decision-making considerations evaluating arguments.

**EV-101. Intro to the Environment: Forestry. 4.00 Credits.**

An introduction to issues such as global climate change use of natural resources population issues impact of political and economic decisions decision-making considerations evaluating arguments Course includes travel over spring break to study the lumbar industry and the role of forests Class meets 75 minutes per week plus mandatory one week travel component.

**EV-125. Environmental Chemistry I. 4.00 Credits.**

Laboratory/lecture course introducing the chemical principles underlying environmental issues The class meetings and one four-hour laboratory weekly Prereq: MA-106 or MA-133.

**EV-126. Environmental Chemistry II. 4.00 Credits.**

Laboratory/lecture course introducing the chemical principles underlying environmental issues The class meetings and one four-hour laboratory weekly Prereq: EV-125.

**EV-200. Economics of Environmental Decisions. 3.00 Credits.**

Evaluate the economics impact and feasibility of environmental decisions on individuals governments and industry Prereq: EC-100 EV-100.

**EV-253. Environmental Art & Issues. 3.00 Credits.**

The course is designed to look at environmental issues through the interpretations of an artistic venue We will explore how interdisciplinary environmental discussions within academic and activist communities can inform the artist and their work as well as society at large The structure of the class will include research in topics such as eco-ethics animal rights environmental justice ?green? consumerism and eco-activism The work created in the class be it visual or written will be presented to the college in a gallery space website and/or through a public dialogue on campus for Saint Peter?s College students and the community at large The course is geared toward a range of disciplines within and outside the arts inviting a wide range of students to take this course.

**EV-295. Environmental Internship. 3.00 Credits.**

Internship in environmental area.

**EV-300. Ethics Theology & Environmental Decisio. 3.00 Credits.**

Incorporate ethical theological and social justice considerations into decisions about the environment Prereq: TH-120 PL-101 CH-126 BI-184 EV-100.

**EV-400. Sustainability:a Plan for a Better Futur. 3.00 Credits.**

Capstone course for Environmental Studies major individual research and presentation (publication film lecture) of results Prereq: EV-101.

**FN Courses****FN-295. Co-Op. 3.00 Credits.****FN-401. Intro to Corporate Finance. 3.00 Credits.**

The financial problems and policies of business corporations: formation and capitalization types of securities consolidation reorganization and liquidation recent legislation scope and functions of US Financial institutions Cannot be taken by anyone who has taken Ec410.

**FN-410. Business Finance. 3.00 Credits.**

Provides the analytical foundation for applied courses in finance investments and financial institutions Topics include: discounted cash flow analysis theory of valuation for corporate securities concepts of risk and rate of return the capital asset pricing model financial forecasting working capital policy.

**FN-411. Financial Management. 3.00 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.

**FN-412. Investment Analysis. 3.00 Credits.**

Survey of the operations of securities markets the analytical methods and theory underlying the appraisal of corporate stocks and bonds and portfolio selection.

**FN-415. International Finance. 3.00 Credits.**

Analysis of foreign exchange and foreign exchange markets balance of payment disequilibrium and adjustment exchange risk management and investment decisions.

**FR Courses****FR-113. Elementary French I. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of French Only for students with no previous French.

**FR-114. Elementary French II. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of French Only for students with no previous French.

**FR-133. Intermediate French I. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening speaking reading comprehension and writing Practical use of French through dictation oral and written exercises sight-reading and guided conversation Prereq: FR-114 or 1-2 years High School French or Instructor approval.

**FR-134. Intermediate French II. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening speaking reading comprehension and writing Practical use of French through dictation oral and written exercises sight-reading and guided conversation Prereq: FR-133 or Instructor approval.

**FR-141. Adv Composition & Conversatn I. 3.00 Credits.**

Refinement of composition skills nuances of grammatical usage vocabulary building intensive practice in French conversation Prereq: FR-134 or 3-4 years High School French of Instructor approval.

**FR-142. Adv Composition & Conversatn II. 3.00 Credits.**

Refinement of composition skills nuances of grammatical usage vocabulary building intensive practice in French conversation.

**FR-243. Survey of French Literature I. 3.00 Credits.**

Study of the growth of French literature from medieval times to current literary trends focusing on major authors and genres and placing them in their socio-historical context Prereq: FR-134 or Instructor approval.

**FR-244. Survey of French Literature II. 3.00 Credits.**

Study of the growth of French literature from medieval times to current literary trends focusing on major authors and genres and placing them in their socio-historical context Prereq: FR-243.

**FR-250. French Civilization& Culture I. 3.00 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 Prereq: FR-134.

**FR-251. French Civilization & Culture II. 3.00 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.

**FR-252. French Masterpieces I. 3.00 Credits.**

Detailed study of various masterpieces of French literature that have helped to define French culture nationally and internationally Prereq: FR-134 or Instructor approval.

**FR-253. French Masterpieces II. 3.00 Credits.**

Further study of masterpieces of French literature that have helped to define French culture nationally and internationally Prereq: FR-252.

**FR-262. Stendahl and Balzac. 3.00 Credits.**

Romance revolution and everyday workers' life reality French Romanticism and Realism in the age of Revolution and Napoleon Prereq: FR-134 or Instructor approval.

**FR-263. 19th Century French Literature. 3.00 Credits.**

Romance revolution and everyday workers'- life reality French Romanticism and Realism in the age of Revolution & Napoleon: Chateaubriand Hugo Stendhal Balzac Flaubert Zola Symbolism Prereq: FR-134 or Instructor approval.

**FR-264. Twentieth Century French Literature. 3.00 Credits.**

France as the fountainhead and arbiter of major intellectual artistic and literary currents of Modern Age: Symbolism Surrealism Dadaism Existentialism and all the "Modernisms" Prereq: FR-134 or Instructor approval.

**FR-266. Renaissan Lit Montaigne Rabelais Pleiade Rabelais and la Pleiade. 3.00 Credits.**

Literature of the Age of Discovery and its transition and the birth of human rights Prereq: FR-134 or Instructor approval.

**FR-270. Contemp. Francophone Culture. 3.00 Credits.**

Improvement of basic language skills in French through the study of contemporary Francophone music and film Prereq: FR-134 or Instructor approval.

**FR-320. Marco Polo & the Silk Road. 3.00 Credits.**

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

**FR-350. Le Symbolisme. 3.00 Credits.**

Study of the concerns and contributions of the symbolist movement in nineteenth-century French poetry with special consideration given to its inspiration and innovations Prereq: FR-134 or Instructor approval.

**FR-365. Literature of Haiti I. 3.00 Credits.**

Survey of the literature of Haiti from its origins through the early twentieth century Prereq: FR-134 or Instructor approval.

**FR-399. Tutorial. 3.00 Credits.**

Topics: To be determined by the Chairperson and the Instructor.

**GB Courses****GE Courses****GK Courses****GK-111. Elementary Attic Greek I. 3.00 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. 3.00 Credits.**

Introduction to the language Attic grammar and syntax Readings in simple Attic Greek Readings in Plato's Apology and the Greek New Testament Prereq: GK-111.

**GK-221. Intermediate Greek I. 3.00 Credits.**

Further study of all forms and syntax of the ancient Greek language Prereq: GK-112 or HP-104 or 1-2 years of High School Greek or Instructors Approval.

**GK-222. Intermediate Greek II. 3.00 Credits.**

Further study of all forms and syntax of the ancient Greek language Prereq: GK-221.

**GK-257. Greek Drama. 3.00 Credits.**

Readings from a selection of the great dramas of Classical Greek literature Prereq: GK-222 or Instructor approval.

**GK-350. Homer & Greek Tragedy. 3.00 Credits.**

Sections from Homer's Iliad and Odyssey and from the plays of Sophocles and Euripides will be translated from the ancient Greek Prereq: GK-222 or Instructor approval.

**GK-399. Tutorial. 3.00 Credits.**

Topics: To be determined by the Chairperson and the Instructor.

**GK-400. Advanced Greek. 3.00 Credits.**

Further study of Greek grammar and stylistics through exercises and the reading of a variety of texts from several genres Prereq: GK-222 or Instructor approval.

**GK-477. Seminar Plato. 3.00 Credits.**

In-depth study of selected works of Plato in Attic Greek Prereq: GK-222 or Instructor approval.

**GM Courses****GM-113. Elementary German I. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of German Only for students with no previous German.

**GM-114. Elementary German II. 3.00 Credits.**

An introduction to the pronunciation and basic grammatical principles of German Only for students with no previous German.

**GM-115. Elem German: Bus & Travel I. 3.00 Credits.****GM-116. Elem German: Bus & Travel II. 3.00 Credits.**

Further practice in elementary German for travel and business Prereq: GM-115.

**GM-133. Intermediate German I. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening speaking reading comprehension and writing Practical use of German through dictation oral and written exercises sight-reading guided conversation Prereq: \* GM-113 or 1-2 years of High School German or Instructor Approval.

**GM-134. Intermediate German II. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening speaking reading comprehension and writing Practical use of German through dictation oral and written exercises sight-reading guided conversation.

**GM-399. Tutorial. 3.00 Credits.**

Topics: To be determined by the Chairperson and the Instructor.

## HE Courses

### **HE-122. Nutrition in Health & Disease. 3.00 Credits.**

Intro to basic concepts and controversies of nutrition as related to health and disease Prereq: BI-123.

### **HE-200. Contemporary Women's Health. 3.00 Credits.**

A balanced comprehensive understanding of the health issues affecting women in the context of social and political forces affecting women of all ages races and ethnicities Impact of lifestyles and prevention and health promotion will be discussed.

### **HE-220. Drugs & Health. 3.00 Credits.**

An overview of the field of substance abuse and addiction from a bio-psycho-social perspective for athletes and non-athletes Dynamics of dependency pharmacology intervention treatment and prevention strategies Prereq: PE-103.

### **HE-271. Concepts of Public Health. 3.00 Credits.**

Introduction to Public Health Issues - public health laws policy cycle demographics and epidemiological concepts and applications Prereq: BI-122 or BI-123.

### **HE-295. Co-Operative Education. 3.00 Credits.**

Co-operative education experience.

### **HE-355. Fitness & Wellness. 3.00 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 Prereq: BI-171.

### **HE-360. Sports Medicine. 3.00 Credits.**

To teach students the basis of being a certified athletic trainer and includes injury recognition prevention evaluation treatment rehabilitation and administration of athletic injuries Prereq: BI-171.

### **HE-368. Health&Inequalities:RaceClass&Gender. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity social class and gender We begin with an overview of epidemiology and the idea of studying health from a sociological perspective We then consider the complex relationship between socio-economic status (class) and health statuses followed by an examination of specific health issues for major racial/ethnic minorities and gender groups We will try to understand how low socioeconomic status leads to poor health how conscious unconscious and institutionalized racial/gender bias affects medical care and health outcomes and address ideas for reducing health disparities among all groups Prereq: So-121.

### **HE-394. Epidemiology. 3.00 Credits.**

Applications of epidemiologic methods and procedures to the study of the distribution and determinants of health and diseases in populations Infections versus chronic diseases data sources study design and measures of morbidity and mortality will be studied Prereq: MA-132 BI-123.

### **HE-455. Bio Foundations : Human Sexuality. 3.00 Credits.**

Focuses on the biological foundations of human sexuality Topics include sexual anatomy and physiology human reproduction development dysfunctions therapy and health.

### **HE-486. Current Issues in Health Education. 3.00 Credits.**

To study relevant current health issues such as obesity unhealthy dietary problems apnea tobacco use alcohol drugs heart disease and cancer Prereq: BI-123 or BI-183.

## HM Courses

### **HM-210. Health Care Issues & Organization. 3.00 Credits.**

An introduction to current health care issues including telemedicine as well as political and pluralistic factors impacting healthcare are explored Overview of types of healthcare systems and organizations including non-profit and proprietary institutions is addressed.

### **HM-310. Budgeting & Financing in HC Industry. 3.00 Credits.**

Strategic planning system integration budgeting and financing reimbursement systems managed care supply chain management and coding are explained Prereq: HM-210.

**HM-380. Legal & Ethical Aspects of HC Mgmt. 3.00 Credits.**

Exploration of the legal and ethical aspects of healthcare Ethical decision making and its application to health care issues is stressed Concepts including healthcare regulatory bodies/accreditation privacy medical information management access to care contracts as well as malpractice and insurance liability are addressed Prereq: HM-210.

**HM-480. Advanced Concepts in HC Mgmt & Mrktg. 3.00 Credits.**

Application of marketing concepts for the healthcare industry quality control indicators health system/physician relationships integrative healthcare and recruitment and appraisal issues in healthcare organizations are examined Prereq: HM-210 HM-310.

**HP Courses****HP-390. Honors Thes : Meth of Research. 3.00 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. 3.00 Credits.**

An intensive original research project under the direction of an academic mentor and culminating in a formal paper The written thesis must be completed no later than the Fall semester of Senior year The project is to be followed by an oral defense in the Spring semester Both Hp390 and Hp492 are intended to facilitate the student's timely completion of the thesis project Hp492 and its oral defense is required of all students who wish to graduate in the Honors Program.

**HS Courses****HS-121. The Western Tradition. 3.00 Credits.**

An examination of the origins of early modern history with a special focus on Western civilization.

**HS-122. World Perspectives in History. 3.00 Credits.**

A chronological continuation of Hs121 with a greater emphasis on global developments.

**HS-123. Special Topics in History. 3.00 Credits.**

An examination of various topics which have significantly impacted the history of the world from the eighteenth century to the present Prereq: HS-121.

**HS-231. Main Currents in Amer Hist I. 3.00 Credits.**

The formation of the American Republic from colonial times to the present.

**HS-232. Main Currents in Amer Hist II. 3.00 Credits.**

The formation of the American Republic from colonial times to the present.

**HS-235. Jefferson & Jackson. 3.00 Credits.**

An examination of the growth of democracy in the politics and society of the early United States.

**HS-270. China & Japan: Twentieth Century. 3.00 Credits.**

A survey of the impact of revolution and/or modernization in China and Japan Modern Non-Western and Thematic History.

**HS-273. The Islamic World 622-1800. 3.00 Credits.**

A survey of the religious cultural and political developments of Islam from its inception and diffusion through the Middle East Asia and Africa until the rise of western hegemony in the modern period exploring the struggles and schisms that still affect the world Values course Pre-modern World History Modern Non-Western and Thematic History.

**HS-295. Co-Op. 3.00 Credits.****HS-300. World of Alexander the Great. 3.00 Credits.**

Starting with a review of the history of the ancient world prior to the appearance of Alexander III of Macedonia (356-323 BC) 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.

**HS-302. Makng of Medvl Eur 300-1100 AD. 3.00 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.

**HS-303. Medieval World1100-1500 AD. 3.00 Credits.**

The rise and decline of feudal society - a political economic and cultural history Pre-modern World History.

**HS-307. Women in the Middle Ages and Renaissance. 3.00 Credits.**

An exploration of the roles of women in pre-modern times discussing the theological and social attitudes that often hindered their advancement and the accomplishments they achieved nevertheless in politics society and culture Pre-modern World History.

**HS-308. Modern Africa. 3.00 Credits.**

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

**HS-309. Renaissance & Reformation Europe. 3.00 Credits.**

A study of the forces which produced change and crises in Europe from the fourteenth to the sixteenth century Pre-modern World History.

**HS-314. The World Wars. 3.00 Credits.**

A study of World War I and World War II focusing on their causes and effects their military and home fronts and the interrelationships of the two conflicts Prereq: HS-121 HS-122.

**HS-317. Cosmo Wrld of Eighteenth Cent. 3.00 Credits.**

A critical study of the culture of the Enlightenment which united the social and political elite of Europe from the Atlantic to the Urals Modern Western History.

**HS-318. Early Modern French History 1559-1789. 3.00 Credits.**

France in an era of civil war the growth of absolutism the culture of Versailles and politics and society of the Ancient Regime Prereq: HS-121 HS-122.

**HS-319. France: Nineteenth & Twentieth Cent. 3.00 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.

**HS-327. A History of the Jesuits. 3.00 Credits.**

The history of this religious community in the Catholic Church offers the scope for a cross-cultural survey of the modern world on all the inhabited continents Themes like evangelization popular education cross-cultural understanding the scientific revolution evolving church-state relations and faith-justice issues run through the course Modern Non-Western and Thematic History.

**HS-336. Nationalism in Modern Europe. 3.00 Credits.**

This course examines the philosophical foundations for the idea of nations from the late 18th century and studies how nations became the basis for states during the 20th century Prereq: HS-121 HS-122.

**HS-337. Central Europe 1526-1918. 3.00 Credits.**

This course examines the transformation of three multiethnic empires-the Ottoman Empire the Hapsburg Empire and the Polish Lithuanian Commonwealth- into fourteen modern nation states Prereq: HS-121 HS-122.

**HS-339. History of Germany 1815-1945. 3.00 Credits.**

A survey of German history from the Napoleonic Era to the collapse of the Nazi regime Modern Western History.

**HS-340. Tudor-Stuart England 1485-1714. 3.00 Credits.**

The growth of dynastic monarchy and religious extremism which precipitated the struggles for power between the Crown and Parliament Modern Western History.

**HS-341. Age of Industrial Revolution. 3.00 Credits.**

English civilization in the eighteenth and nineteenth centuries with emphasis on the Victorians Modern Western History.

**HS-342. Britain in the 20th Century. 3.00 Credits.**

The evolution of socialism and the transformation of the empire from 1870 to the present Modern Western History.

**HS-343. Rise & Fall of British Empire. 3.00 Credits.**

Development and disintegration of British naval and colonial power from the pirates of Elizabeth I to the pilots of Elizabeth II Modern Western History.

**HS-345. Women in Modern History. 3.00 Credits.**

The roles of European women and the interpretation of the materials on gender from 1600 to the present Modern Non-Western and Thematic History.

**HS-347. The Modern Near East. 3.00 Credits.**

'Modernity' has been a challenge for the state society and the religious establishments in the Near East as elsewhere since the end of the eighteenth century This course will study how individuals and groups in the Ottoman Empire and many of its successor-states responded to this challenge over the last two hundred years Modern Non-Western and Thematic History.

**HS-349. Course of Irish History. 3.00 Credits.**

The cultural political and social development of one of Europe's oldest colonies into an independent country Modern Western History.

**HS-353. South and Southeast Asia. 3.00 Credits.**

A survey of India and neighboring countries since the 17th century focusing on both indigenous and imperial cultures Prereq: HS-121 HS-122.

**HS-360. History of Russia 1613-1917. 3.00 Credits.**

Political social and cultural history of Russia from the Time of Troubles to the Bolshevik Revolution Modern Western History.



**HS-361. The Soviet Empire. 3.00 Credits.**

Internal change and development of Russia in the Soviet period Modern Western History.

**HS-362. Russia 1917-1945. 3.00 Credits.**

Traces the history of Russia from the fall of the Tsar in 1917 to the dominance of Stalin in the 1930s and 1940s.

**HS-371. Comparative Revolutions. 3.00 Credits.**

This course focuses on the British American French Russian and Chinese revolutions because they produced major changes still affecting the world Prereq: HS-121 HS-122.

**HS-375. History of the Environment. 3.00 Credits.**

This course examines humankind's relationship to the environments-natural and 'man-made'-that we inhabit Prereq: HS-121 HS-122 or HS-123.

**HS-383. Bearing Witness to War & Genocide. 3.00 Credits.**

This course considers the history and interpretation of violence destruction ethnic cleansing genocide and war what does it mean to bear witness? Prereq: HS-121 HS-122 or HS-123.

**HS-393. Civilization and Disease. 3.00 Credits.**

A survey of the impact of disease on the course of human history Modern Non-Western and Thematic History.

**HS-423. Gv't & Politics in Latin America. 3.00 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 Formerly titled Latin American Politics.

**HS-438. Western Science & Occult. 3.00 Credits.**

A look at astrology alchemy magic and witchcraft from the ancient world to the Scientific Revolution their place in the intellectual life and how they were affected by new philosophical trends Prereq: HS-121 HS-122.

**HS-450. Colonial Experience to 1763. 3.00 Credits.**

An investigation of the background and political social and economic developments of the North American colonies to 1763 United States History.

**HS-452. Amer Rev & Fdrlst Era 1763-1800. 3.00 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"?

**HS-453. American Women's Vexed Road to Freedom. 3.00 Credits.**

This course will cover the exciting and troubled history of American women from the colonies to second-wave feminism of the 1960s and 1970s and beyond Prereq: HS-231 HS-232.

**HS-459. The Era of the Civil War. 3.00 Credits.**

A study of the period 1860-1865 with emphasis on the war itself and events leading to it How did Americans end up killing one another on such a massive scale? The course will focus on the slavery debate suffering death Lincoln gender black families and the "fog of war".

**HS-460. Wounds of War: the Reconstruction Era. 3.00 Credits.**

Investigation of the political economic and cultural upheavals in the wake of America's most devastating war Course will emphasize themes of emancipation free labor labor unrest (North and South) the "Lost Cause" and the violent struggle to redefine America from 1865 to 1900 Prereq: HS-121 HS-122.

**HS-462. Religion of Colonial America. 3.00 Credits.**

An exploration of the role played by the various religious communities in the colonial period of American history and the influence that this had on the new republic Prereq: HS-121 HS-122.

**HS-463. Colonial Latin America. 3.00 Credits.**

This course will trace the history of a tri-racial culture in the American hemisphere in the lands associated with the Portuguese and Spanish Empires down to Independence in the early 19th century.

**HS-464. History of Amer Immigration. 3.00 Credits.**

Examination of the migration of various peoples to the US and the development of the policy on emigration from the progressive era to the present United States History.

**HS-468. American Republic 1919-1945. 3.00 Credits.**

The triumphs and travails of urban industrialism with emphasis on the politics economics and social changes of the Depression the New Deal and World War II United States History.

**HS-469. American Republic Since 1945. 3.00 Credits.**

An analysis of American society and institutions since World War II United States History.

**HS-471. Caribbean History. 3.00 Credits.**

A survey of the indigenous African Asian and European peoples in the Caribbean region from the fifteenth century to the present.

**HS-473. Religion in the U.S.. 3.00 Credits.**

Explores the hothouse of religious experimentation and debate that followed the Revolution and that continues to shape modern America This course will span from early American Calvinism to antebellum Utopian movements to the influx of Catholicism and other ethnic religions to the rise of the Evangelical Right Grace Polygamy Anti-Catholicism Perfectionism Creationism Sin Slavery Darwin Jerry Falwell Abortion This class will explore the strange contours of the most "religious" nation in the modern world Prereq: HS-121 HS-122.

**HS-475. Britain Asia & the Americas 1558-1815. 3.00 Credits.**

Development of the British Empire in Asia North America and the Caribbean from the reign of Elizabeth I to the Congress of Vienna Prereq: HS-121 HS-122.

**HS-476. Britain and Global Power Since 1815. 3.00 Credits.**

The zenith and decline of British naval economic and colonial power from 1815 to the present with emphasis on India and Africa.

**HS-488. Bloody Crooked & Hopeful: Gilded Age. 3.00 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. 3.00 Credits.**

Named to honor Professor Emeritus Thaddeus V Tuleja the seminar stresses historical methodology as it relates to a particular historical topic chosen by the professor offering the seminar.

**IS Courses****IS-180. Fund Comp Prog: HTML Javascript C++. 3.00 Credits.**

The course will teach programming by having students construct Web pages using HTML and JavaScript then move to C++ The first few weeks will use HTML most of the course will use JavaScript the last week or weeks will introduce C++ By the end of the course students should understand the concepts and issues involved in programming and be able to use the software covered in the course Programming constructs covered include syntax control statements arrays strings objects and event handlers.

**IS-205. Information Science Workshop. 1.00 Credit.**

The student is required to complete a project under the supervision of the instructor A topic chosen by mutual agreement of the student and instructor will be the basis for a final term project One credit may be used in lieu of a Natural Science laboratory(1 credit per semester up to 6 credits).

**IS-235. Visual Basic. 3.00 Credits.**

The design and construction of Windows-based applications using the Visual BASIC programming language Design of GUI screens writing code modules drag and drop techniques planning menus and dialog Prereq: CS-180 or IS-180.

**IS-251. Web Page Development. 3.00 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 Prereq: CS-150 or CS-180 or IS-180.

**IS-255. Developing Internet Applications. 3.00 Credits.**

A hands-on survey of various web based software and tools to aid in developing web pages and applications HTML and Javascript will be used to create commercial quality web pages Topics include basic language syntax navigational buttons and controls forms image maps animated gifs etc Prereq: CS-150 or CS-180 or IS-180.

**IS-260. Computer Ethics. 3.00 Credits.**

This course addresses the assessment of ethical principles within the application of information technologies to produce and store data and disseminate and use information It will define and discuss computer ethics within an 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 Prereq: # CS-150 or CS-180(12188) or IS-180 # PL-101 or TH-120.

**IS-270. Report Generating Software for Managers. 3.00 Credits.**

A review of existing software for microcomputers Students will be required to create and generate reports using spreadsheets word processing and file management techniques Prereq: CS-180 or IS-180.

**IS-280. Computer Graphics. 3.00 Credits.**

Use of Web development and graphics packages Web aesthetics information architecture Web file formats interactive drawing methods general graphic techniques Prereq: CS-150 or CS-180 or IS-180.

**IS-295. Co-Op. 3.00 Credits.**

**IS-301. Bioinformatics Programming With Perl. 3.00 Credits.**

The design and construction of Perl programs to extract information and look for patterns in the DNA sequences and strings Prereq: CS-231 or CS-180 or permission of Instructor.

**IS-336. Advanced Visual Basic. 3.00 Credits.**

Design and construction of Windows based applications using Visual BASIC Records random access files events object oriented programming ActiveX control database management accessing a database with SQL Internet controls multimedia multiple document interface and Windows common controls Prereq: IS-235.

**IS-340. Micro Computer Systems. 3.00 Credits.**

The study of micro computer systems integration and performance architecture by analyzing the concepts principles and tools of computer capabilities hardware software and networks This study starts with digital representation of data instructions and memory location adding and concludes with the study of managing and administrating computer and information science resources.

**IS-377. Linux. 3.00 Credits.**

Installation configuration and administration of the Linux operating system and related programs File user account and process management Shell (bash) and Perl programming.

**IS-380. Data Base Concepts. 3.00 Credits.**

Topics covered include Data Base Systems architecture relational hierarchical and network design approaches security and integrity of the Data Base Prereq: CS-180 or IS-180.

**IS-391. Network Essentials. 3.00 Credits.**

With this computer-based training module students will learn how to install configure manage and troubleshoot networks and workstations with 100% simulated versions of the software Prereq: CS-370.

**IS-392. Computer Networking Workshop. 3.00 Credits.**

This course will be a continuation of IS391 although if a student has prior experience the pre-requisites can be waived Students will be required to construct networks with both Coax and twisted pair wiring utilizing current standards in addition the students will have to set up short haul modems to extend the reach of the network if time permits there will also be fiber optic wiring This course is designed to have students build and set up both Peer-to-Peer and Client-Server networks and administer the networks they have constructed Instructional method: Lecture and hands on Prereq: IS-391.

**IS-410. Total Business Info Systems. 3.00 Credits.**

In-depth analysis of business applications including enterprise resource planning and electronic commerce Basic and advanced applications with special emphasis on enterprise database management system Prereq: CS-231 or IS-380.

**IS-415. E-Commerce. 3.00 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 a commerce site technical components (intranets extranets protocols programming client-server environments webmasters on-line authoring tools catalogs and services) introduction to privacy security and legal issues and introduction to the design development and implementation of commerce sites Prereq: IS-380.

**IS-420. Princ of Infomation Technology Auditing. 3.00 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 Prereq: AC-151 or IS-380 or Instructor's Permission.

**IS-425. Disaster Recovery/Bus Continuity Plan. 3.00 Credits.**

In this course students will learn to identify vulnerabilities and implement appropriate countermeasures to mitigate risks Techniques will be taught for creating a continuity plan and methodology for building an infrastructure that supports its effective implementation Throughout this course practical skills will be acquired through a series of interactive workshops and case study Students design and develop a disaster recovery plan Prereq: AC-151 IS-410 IS-420 or IS-481.

**IS-451. Adv Web Page Development. 3.00 Credits.**

Students will learn how to combine HTML CSS and JavaScript to create dynamic and interactive Web Pages (DHTML) Students will design and implement Web Server applications in Perl/CGI PHP VBScript/ ASP Python and XHTML Prereq: CS-180 or IS-251 or IS-255.

**IS-455. E-Commerce Website Construction. 3.00 Credits.**

Students will learn how to build manage and deploy a database driven e-commerce web site with 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 Prereq: IS-180 or CS-180 IS-251 or IS-451.

**IS-460. Unix Operating System. 3.00 Credits.**

File system and commands electronic mail editors useful tools programming in the Shell language process structure software generation tools using C library calls under UNIX Prereq: CS-232.

**IS-481. Computer Security. 3.00 Credits.**

Concepts in security design and implementation for Computer Systems (both hardware and software) Security architecture corporate policies standards procedures and security system implementation including diagnostic testing of databases and networks Prereq: IS-380.

**IS-490. Indep Study in Information Science. 3.00 Credits.**

Under faculty supervision independent study and research topics not covered in the scheduled class work.

**IS-491. Special Topics in Information Science. 3.00 Credits.**

This course arranged as the need arises to provide for materials of interest and use to groups of students.

**IT Courses****IT-113. Elementary Italian I. 3.00 Credits.**

An introduction to spoken and written Italian stressing grammar and pronunciation.

**IT-114. Elementary Italian II. 3.00 Credits.**

An introduction to spoken and written Italian stressing grammar and pronunciation Prereq: IT-113.

**IT-127. Intensive Italian. 6.00 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. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening speaking reading comprehension and writing Practical use of Italian through dictation oral and written exercises Prereq: IT-113 or 1-2 years of High School Italian or Instructor approval.

**IT-134. Intermediate Italian II. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening speaking reading comprehension and writing Practical use of Italian through dictation oral and written exercises sight-reading and guided conversation.

**IT-141. Italian Conversation I. 3.00 Credits.**

Introduction to Italian conversation and review of Italian grammar Prereq: IT-134 or Instructor approval.

**IT-142. Italian Conversation II. 3.00 Credits.**

Introduction to Italian conversation and review of Italian grammar.

**IT-145. Practical Writing in Italian I. 3.00 Credits.**

Practice in grammatical structures and vocabulary for effective expression in written Italian Prereq: IT-134 or Instructor approval.

**IT-146. Practical Writing in Italian II. 3.00 Credits.**

Continued practice in grammatical structures and vocabulary for effective expression in written Italian Prereq: IT-145.

**IT-150. Italian Oral Communication. 3.00 Credits.**

Practice in useful grammar and vocabulary for effective expression in Italian Prereq: IT-134 or Instructor approval.

**IT-225. Modern Italian Literature. 3.00 Credits.**

Study of the major authors of 20th and 21st-century Italian literature in their sociocultural and literary contexts Prereq: IT-134 or Instructor approval.

**IT-239. Propaganda: A Tale of Two Romes. 3.00 Credits.**

Examination of the use of Christianity in Roman Propaganda in Art Literature Architecture and Geography Includes study of basic Italian and required trip to Rome Prereq: HP-117/118 or Th-110/120.

**IT-245. Survey: Italian Literature I. 3.00 Credits.**

Survey of Italian literature from its origins through the Renaissance Prereq: IT-134 or Instructor approval.

**IT-246. Survey: Italian Literature II. 3.00 Credits.**

Survey of Italian literature from the Renaissance to the present Prereq: IT-245.

**IT-247. Italian Culture & Civilization. 3.00 Credits.**

Cultural contributions of Italy to the present day.

**IT-249. Cultural Geography of Italy. 3.00 Credits.**

Study of the geography of Italy and how it has affected the development of Italian cities industry and culture down through the centuries Prereq: IT-134 or Instructor approval.

**IT-252. The Italian Theater I. 3.00 Credits.**

A study of the Italian theater from the Renaissance to the present Prereq: IT-134 or Instructor approval.

**IT-253. The Italian Theater II. 3.00 Credits.**

A study of the Italian theater from the Renaissance to the present.

**IT-254. Modern Italian Literature I. 3.00 Credits.**

A study of Italian literature focusing on the works of the best Italian writers of the 20th century Prereq: IT-134 or Instructor approval.

**IT-255. Modern Italian Literature II. 3.00 Credits.**

A study of Italian literature focusing on the works of the best Italian writers of the 20th century.

**IT-260. Pract Writing Skills in Italn. 3.00 Credits.**

Introduction to Italian writing in various topics Prereq: IT-134 or Instructor approval.

**IT-261. Italian Composition. 3.00 Credits.**

Emphasis on grammar and stylistics Prereq: IT-134 or Instructor approval.

**IT-265. Cinema Italiano I. 3.00 Credits.**

History of Italian film from the beginning to the present including writers directors technology and propaganda used Prereq: IT-134 or Instructor approval.

**IT-266. Cinema Italiano II. 3.00 Credits.**

History of Italian film from the beginning to the present including writers directors technology and propaganda used.

**IT-310. The Italian Romantics. 3.00 Credits.**

Study of the Romantic Period in Italian literature with special attention given to Leopardi and Manzoni Prereq: IT-134 or Instructor approval.

**IT-320. Marco Polo & the Silk Road. 3.00 Credits.**

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

**IT-340. Regional Literatures of Italy. 3.00 Credits.**

Study of major regional authors of Italy in their historical and aesthetic context Prereq: IT-134 or Instructor approval.

**IT-350. Petrarch and Lyric Poetry. 3.00 Credits.**

Reading and analysis of petrarch's lyric poetry and study of critical evaluations of these works and their profound impact on later european literatures Prereq: IT-134 or Instructor approval.

**IT-375. The Contemporary Italian Novel. 3.00 Credits.**

Reading and critique of the principal Italian novels of the contemporary period with detailed consideration of their socio-historical and political contexts Prereq: IT-134 or Instructor approval.

**IT-380. Boccaccio and the Decameron. 3.00 Credits.**

Exploration of Baccaccio's contributions to Italian Literature through reading analysis and critique of the Decameron one of the greatest work of medieval literature Prereq: IT-134 or Instructor approval.

**IT-399. Tutorial. 3.00 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor.

**IT-489. The Shroud of Turin: an Interdisciplinar. 3.00 Credits.**

The Shroud of Turin: An Interdisciplinary Inquiry Interdisciplinary study of the shroud of Turin - comparing pseudo-scientific lore to scientific proof - in the rich context of Italian culture and history.

**IT-491. Seminar: The Divine Comedy I. 3.00 Credits.**

Dante and his time L'inferno (in the original Italian) Prereq: IT-134 or Instructor approval.

**IT-492. Seminar: The Divine Comedy II. 3.00 Credits.**

Il Purgatorio e Il Paradiso (in the original Italian) Prereq: IT-491.

**IT-493. Seminar : The Italian Humanists. 3.00 Credits.**

Focusing on the major authors of the period: Alberti de Medici Pulci etc (in the original Italian) Prereq: IT-134 or Instructor approval.

**IT-494. Seminar: Italian Renaissance. 3.00 Credits.**

Focusing on the work of Poliziano Ariosto Tasso etc Prereq: IT-134 or Instructor approval +K1545.

**JN Courses****JN-205. News Writing & Reptg. 3.00 Credits.**

An introduction to journalism including a survey of print media and practice in interviewing reporting and writing hard news and news feature stories Prereq: CM-115 CM-116 CM-117 CM-119 CM-120 HP-122.

**JN-208. Broadcast Newsroom. 3.00 Credits.**

A course on the practical skills of broadcast TV Students will be introduced to TV news writing and productivity They will learn to shoot and edit news stories for broadcast Prereq: CM-115 CM-117 CM-119 CM-120.

**JN-210. Writer's Workshop. 3.00 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 Prereq: CM-115 CM-117 or CM-120.

**JN-212. Media Principles & Practices. 3.00 Credits.**

A look at landmark historical issues and controversies and the way great writers approached reporting on these issues Serves as a guideline to addressing major social controversies by reporters from diverse backgrounds Prereq: CM-115 CM-117 or CM-120 CU-205.

**JN-295. Co-Op. 3.00 Credits.****JN-301. Princip of Media Law & Ethics. 3.00 Credits.**

An overview of laws governing writing and reporting from first amendment to libel roles of journalists in criminal cases and the relationship between the press and government Looks at where the law stops and ethical obligations begin Prereq: CU-202 CU-205 CM-115 or CM-117 or CM-119 or CM-120.

**JN-310. Adv Newswriting& Editing Wkshp. 3.00 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 Prereq: CU-202 CU-203.

**JN-313. Advanced Newswriting 2. 3.00 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 Prereq: JN-205 JN-310.

**JN-340. Sportswriting. 3.00 Credits.**

A study of the growth of this area of specialized journalism including interviewing reporting and writing assignments for a variety of sports Prereq: CM-115 CM-117 or CM-120 CU-202 CU-205.

**JN-341. Art & Entertainment Journalism. 3.00 Credits.**

An overview of an area of specialized journalism: Arts and Entertainment A look at the history and current issues in the arts from early 20th century tabloids to today's bloggers copyright concerns and arts in the community Prereq: 3 credits From courses CM-115 CM-120 HP-122 CU-205.

**JN-355. Video Journalism. 3.00 Credits.**

Students investigate the format producers and the future of reporting on the web Prereq: CU-205 or JN-205 CM-115 CM-117 or CM-120.

**JN-365. History of the Press. 3.00 Credits.**

A study of the press in Great Britain and the US from the 17th century to the present focusing on common themes and practices Prereq: CU-202 CU-205.

**JN-385. Multimedia Reporting. 3.00 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 Prereq: CU-205 or JN-205 CM-115 CM-117 or CM-120.

**JN-410. Investigative Journalism & Advanced Feat. 3.00 Credits.**

The practical application of investigative and public affairs reporting skills Students will complete a major investigative news piece and gather information from public records and interview sources Prereq: CU-205 CU-206 CU-310 CM-115 CM-117 or CM-120.

**JN-419. Magazine Writing. 3.00 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 Prereq: CM-115 CM-117 or CM-120.

**JP Courses****JP-105. Japanese for Business and Travel. 3.00 Credits.**

Introduction to the language people culture history and homeland of Japan Especially for the purposes of business and travel No previous Japanese required does not fulfill core requirement.

**JP-130. Elementary Japanese I. 3.00 Credits.**

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

**JP-131. Elementary Japanese II. 3.00 Credits.**

An introduction to the basic language skills of speaking reading listening and writing Japanese through a variety of media Prereq: JP-130 or AN-130.

**JP-134. Intermediate Japanese I. 3.00 Credits.**

Further practice to master the basic concepts of rudimentary communication in Japanese Prereq: JP-131 or AN-131 or 3-4 years High School Japanese or Instructor approval.

**JP-135. Intermediate Japanese II. 3.00 Credits.**

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

**JP-146. Advanced Japanese I. 3.00 Credits.**

Continued practice in the pronunciation lexicon and syntax of Japanese with greater attention given to the writing system Prereq: JP-135 or AN-135 or Instructor approval.

**JP-147. Advanced Japanese II. 3.00 Credits.**

Continued practice in the pronunciation lexicon and syntax of Japanese with greater attention given to the writing system Prereq: AN-146 or JP-146.

**JP-399. Tutorial. 3.00 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor Prereq: AN-134 or JP-134 or Instructor approval.

**LA Courses****LA-113. Elementary Latin I. 3.00 Credits.**

An introduction to the basic grammatical structures of Latin presented through exercises and brief literary selections.

**LA-114. Elementary Latin II. 3.00 Credits.**

An introduction to the basic grammatical structures of Latin presented through exercises and brief literary selections Prereq: LA-113.

**LA-157. Intermediate Latin I. 3.00 Credits.**

Presentation of advanced vocabulary and grammatical structures through exercises and the reading of Latin literary texts Prereq: LA-114 or 1-2 years High School Latin.

**LA-158. Intermediate Latin II. 3.00 Credits.**

Presentation of advanced vocabulary and grammatical structures through exercises and the reading of Latin literary texts Prereq: LA-157.

**LA-331. Latin: Humane Letters I. 3.00 Credits.**

Principles and theory of poetry Selections from Catullus Virgil and the elegiac poets Horace: Odes Epodes Ars Poetica Latin poetry of the Silver Age and after Prereq: LA-158 or Instructor approval.

**LA-334. Cicero and Livy. 3.00 Credits.**

Readings from the works of Cicero and Livy and discussion of their contributions to Roman literature Prereq: LA-158 or Instructor approval.

**LA-399. Tutorial. 3.00 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor Prereq: LA-158 or Instructor approval.

**LA-490. Latin Authors: Virgil. 3.00 Credits.**

Readings from the Virgil's major works and study of the age in which he wrote Prereq: LA-158 or Instructor approval.

**LA-491. Latin Authors: Cicero. 3.00 Credits.**

Study of the major works of Cicero and the intellectual and cultural environment in which they were produced Prereq: LA-158 or Instructor approval.

**LA-492. Latin Authors: Ovid. 3.00 Credits.**

Readings from Ovid's major works and discussion of his age and his literary artistry Prereq: LA-158 or Instructor approval.

**LA-493. Catullus Tibullus Propertius. 3.00 Credits.**

This course studies the erotic poetry of Catullus and the Latin elegist from a literary and linguistic point of view Prereq: LA-158 or Instructor approval.

**LA-495. Latin Authors: Livy. 3.00 Credits.**

Readings from the works of Livy and discussion of the intellectual and cultural context in which they were produced Prereq: LA-158 or Instructor approval.

**LA-496. Latin Authors: Horace. 3.00 Credits.**

Study of the Horace's odes and the society in which he wrote them Prereq: LA-158 or Instructor approval.

**LA-497. Latin Authors: Seneca. 3.00 Credits.**

Study of the literary art of Seneca and his contributions to Roman literature Prereq: LA-158 or Instructor approval.

**LA-498. Latin Authors : Augustine & Jerome. 3.00 Credits.**

Examination of the times and works of two of the great figures of the Roman Catholic Church Prereq: LA-158 or Instructor approval.

**LA-499. Latin Authors: Medieval Latin. 3.00 Credits.**

Reading selections from a variety of Medieval Latin texts with attention given to changes in the language and its vocabulary Prereq: LA-158 or Instructor approval.

**LS Courses****LS-101. Intro Latin Amer & Latino Stud. 3.00 Credits.**

This course will introduce students to the study of Latin America as a region-its history culture politics and economic development- and Latino Studies which examines the experiences of people of Latin American descent in the U S.

**LS-117. Span Hlth Care Professions I. 3.00 Credits.**

Grammar and vocabulary taught through dialogues and situations related to the healthcare professions.

**LS-118. Span Hlth Care Professions II. 3.00 Credits.**

Further practice in grammar and vocabulary related to the healthcare professions Prereq: SP-117.

**LS-119. Spanish for Business & Finance I. 3.00 Credits.**

Further study of Spanish grammar pronunciation writing and vocabulary with an emphasis on business and financial usage.

**LS-120. Spanish for Business & Finance II. 3.00 Credits.**

Further study of Spanish grammar pronunciation writing and vocabulary with an emphasis on business and financial usage Prereq: LS-119.

**LS-135. Interm Spanish for Native Speakers I. 3.00 Credits.**

Provides instruction and practice in the elements of grammar syntax spelling and formal knowledge and use of the language.

**LS-136. Intermediate Spanish: Native Speakers II. 3.00 Credits.**

Provides instruction and practice in the elements of grammar syntax spelling and formal knowledge and use of the language Prereq: SP-135 LS-135.

**LS-145. Astro-Archeology. 3.00 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 Dagers 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 Prereq: SO-121 or NS-110.

**LS-195. Spanish: Social Services I. 3.00 Credits.**

Serves social workers police officers medical professionals and those in related fields Basic grammar structures and specialized vocabulary writing exercises conversation and role play Fulfills core language requirement.

**LS-198. Introduction to Literature I. 3.00 Credits.**

A basic introduction to the principal literary genres through readings in Spanish Prereq: SP-134.

**LS-202. Urban Music: Jazz to Hip-Hop. 3.00 Credits.**

This course studies the history of urban music from jazz to rock and roll up to today's urban sounds The course will concentrate both on the music and its socioeconomic impact on the urban landscape Prereq: SO-121 or UR-151.

**LS-222. State Culture & Identity. 3.00 Credits.**

This course will examine the dynamic relationship between politics and culture The central concern of this course is to explore historically and comparatively social processes in which various types of personal collective and categorical identities are formulated and revised This course investigates various ways of approaching how changes in large-scale social structures and the transformation of social categories are mutually related Examples will include Latin America Africa Europe and Asia to mention a few Prereq: PO-100 or LS-101.

**LS-224. Black Hair and Identity in America. 3.00 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 Prereq: SO-121 or UR-151 or LS-101.

**LS-227. Sociology of Salsa. 3.00 Credits.**

This course combines dance lessons with a sociological exploration of New York/New Jersey's salsa scene Students will learn the fundamentals of salsa music and dance with a focus on rhythm timing musicality and basic steps Lessons are complemented by discussions and origins of the music as it relates to Latin American and Caribbean history and migration to the northeast Finally students will investigate the culture of socials which are dance parties dedicated to learning and practicing the dance Class meets two hours per week for lessons and requires a minimum of two additional hours per week of fieldwork TBA Dance shoes or dance sneakers required.

**LS-228. Demographic Trends & Urban Change. 3.00 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 Prereq: SO-121 or UR-151.

**LS-231. Ethnic & Racial Politcs in Us. 3.00 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 Prereq: PO-100 OR LS-101.

**LS-244. Hispanic-American Lit. I. 3.00 Credits.**

Origins and evolution of writings from Columbus to Vargas Llosa and his contemporaries Required for Spanish majors and minors Taught in Spanish Prereq: SP-134 SP-136 SP-199.



**LS-245. Hispanic American Literature I. 3.00 Credits.**

Origins and evolution of writings from Columbus to Vargas Llosa and his contemporaries Required for Spanish majors and minors Taught in Spanish Prereq: PO-100 or LS-101.

**LS-246. Hispanic-American Lit. II. 3.00 Credits.**

Origins and evolution of writings from Columbus to Vargas Llosa and his contemporaries Required for Spanish majors and minors Taught in Spanish Prereq: High School Spanish or Instructor Approval Required SP-134 SP-136 or SP-199.

**LS-249. Cultural Geography of Hispanic America. 3.00 Credits.**

A study through readings and video of the history culture and societal aspects of the Spanish-speaking countries of Latin America Taught in Spanish Prereq: SP-134 or SP-136 or SP-199.

**LS-250. Spanish Conversation I. 3.00 Credits.**

Intensive practice in Spanish conversation through discussion of interesting topics as well as review of critical grammatical structures and vocabulary to facilitate effective expression Prereq: SP-134 SP-199.

**LS-260. Political Immigration. 3.00 Credits.**

According to national mythology the United States has long opened its doors to people from across the globe providing a "port in a storm" and opportunity for any who seeks it Yet the history of immigration to the United States is far different This course explores American immigration policy from a global perspective We will look for answers to the questions of: Why do people want to come here? What are the "push-pull" forces in their countries that make them choose to leave? Do they desire to assimilate into American society or to create their own subculture? How is immigration used as a tool of nation building and cultural development? Prereq: PO-100 or LS-101 or SO-121.

**LS-261. Spanish Composition. 3.00 Credits.**

Elements of basic written expression in Spanish Grammar syntax and basic stylistics Taught in Spanish Prereq: SP-134 SP-136.

**LS-275. Pre-Columbian Civilizations. 3.00 Credits.**

This course will examine the cultures including their rises and falls of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives Inca Mayan Aztec and Others Prereq: SO-121 or LS-101.

**LS-284. Cultural Anthropology. 3.00 Credits.**

An analysis of the development of anthropology as an offshoot from Sociology an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures Prereq: LS-101 or SO-121.

**LS-292. Translation. 3.00 Credits.**

Practice in technical commercial scientific translation legal documents and business correspondence Spanish English English-Spanish Taught in Spanish Prereq: SP-134 SP-136 or SP-199.

**LS-301. Lit.: Siglos de Oro of Spain. 3.00 Credits.**

Taught in Spanish Prereq: SP-134 SP-136 or SP-199.

**LS-305. Spanish Novel Into Film. 3.00 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 Prereq: SP-134 or SP-136 or SP-199.

**LS-308. Analysis of Urban Underclass. 3.00 Credits.**

Analysis of the processes leading to formation of socio-economic classes in the urban context including the role of income wealth occupation education ethnicity and race Prereq: UR-151 or SO-121.

**LS-310. Feminist Political Theory. 3.00 Credits.**

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism Marxist feminism radical feminism and post-modern feminism.

**LS-311. Peace & Justice Issues in Political Theory. 3.00 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.

**LS-324. Poverty & Inequality. 3.00 Credits.**

Description and analysis of the causes characteristics and consequences of poverty Links between poverty and inequality Measurement of the different dimensions of poverty and inequality Comparative analysis of poverty and inequality across countries Poverty reduction policies and strategies.

**LS-326. Community Organizing. 3.00 Credits.**

null Prereq: LS-101.

**LS-336. 20th Cent Lit : Sem in the 1900s. 3.00 Credits.**

The period of the Avant-garde magic realism and the newer trends in contemporary Hispanic American literature Taught in Spanish Prereq: SP-134 SP-136 SP-139.

**LS-351. Issues in the Latino Community. 3.00 Credits.**

The Socio-economic and political origins of the various Hispanic peoples with analysis of Social issues arising from Hispanic involvement in American Societal institutions ie education politics family etc Prereq: SO-121 or UR-151 or LS-101.

**LS-352. Short Story: Spain & Hisp-America. 3.00 Credits.**

A study and analysis of nineteenth and twentieth century masterpieces of peninsular short narrative Taught in Spanish Prereq: SP-134 SP-136 or 3-4 years of high school Spanish or Instructor Approval.

**LS-353. 20th Cent Lit : Sem in the Isms. 3.00 Credits.**

The period of the Avant-garde magic realism and the newer trends in contemporary Hispanic American literature Taught in Spanish Prereq: SP-134 SP-136 or SP-199 or Instructor approval.

**LS-354. Minority Group Relations. 3.00 Credits.**

A study of the history conditions and contributions of racial minority groups within the United States Special emphasis on developments involving African Americans Hispanics and Asian Americans.

**LS-356. Novel of the Cuban Revolution. 3.00 Credits.**

Study of the rise and development of the novel in Cuba during and after the Castro Revolution: Pereda Carpenter Pinera Sarduy Arenas and others.

**LS-357. Lit & Politics : Hisp-America. 3.00 Credits.**

Analysis of the expression of political ideologies in Hispanic America in and through literature of various genres Nation-building and statecraft Prereq: SP-134 SP-136 or SP-199.

**LS-361. Hisp-American Prose Fiction II. 3.00 Credits.**

The socio-economic and political factors in the novel from its origins to the present day Taught in Spanish Prereq: SP-199 SP-134 SP-136.

**LS-366. Mapping Asian & Latino Bodies. 3.00 Credits.**

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

**LS-368. Health & Inequalities:RaceClass&Gender. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity social class and gender We begin with an overview of epidemiology and the idea of studying health from a sociological perspective We then consider the complex relationship between socio-economic status (class) and health statuses followed by an examination of specific health issues for major racial/ethnic minorities and gender groups We will try to understand how low socioeconomic status leads to poor health how conscious unconscious and institutionalized racial/ gender bias affects medical care and health outcomes and address ideas for reducing health disparities among all groups Prereq: SO-121.

**LS-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots Emphasis on urban life in the New Jersey area with reference to the peoples and cultures in urban environments world-wide Prereq: LS-101 SO-121 or UR-151.

**LS-371. Ancient Skywatchers of North America. 3.00 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-389. Latina Research in Action. 3.00 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-399. Special Topics. 3.00 Credits.****LS-412. Ethnicity/Race in Urban Hist. 3.00 Credits.**

Includes the African and European immigrant experiences in America the effects of slavery and urbanization and the formation of class consciousness Prereq: SO-121 or LS-101.

**LS-414. Understanding Global Terrorism. 3.00 Credits.**

This course drawing on comparative global and historical experiences exposes the student to the various regional expressions of terrorism (Asia Latin America N America Europe) Political economic nationalist and religious forms of terrorism receive considerable scholarly attention in this course.

**LS-452. Economic Development. 3.00 Credits.**

Measurement and income distribution - obstacles constraints factors and theories of economic development Aid planning and actual experiences New consideration to the development process Prereq: EC-101 EC-102.

**LS-477. International Law. 3.00 Credits.**

null Prereq: PO-100.

**LS-489. Globalization & Fieldwork Sem. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings Specific area and topics determined at the beginning of the Academic Year Prereq: SO-121 UR-151 PO-150.

**LS-490. Seminar Don Quijote. 3.00 Credits.**

Readings research and critical analysis of the Cervantes novel in its socio-historical context Taught in Spanish Prereq: SP-134 SP-136 or SP-199.

**LS-491. Advanced Urban Field Work. 3.00 Credits.**

Advanced level of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**LS-492. Sem in Comparative Politics. 3.00 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 Prereq: PO-100 OR LS-101.

**LS-493. Hispanic Heritage & Identity. 3.00 Credits.**

This course will consider the heritage and identity of Hispanics in the US today By examining texts in English and Spanish students will develop a sense of how US Hispanics express their identity through literature Taught in Spanish Prereq: SP-134 SP-136 or SP-199.

**LS-495. Internshp in Intern'l Settings. 3.00 Credits.**

Planned and supervised off-campus working experiences overseas or with international organizations integrated with independent academic study under the tutelage of the Director of International and intercultural Studies.

**LW Courses****LW-155. Seminar in Contemporary Legal Issues. 3.00 Credits.**

A course open to all students examining current legal issues in a seminar setting This course will acquaint students with the issues that are at the forefront of the legal environment such as physician assisted suicide legal issues relating to the world-wide web capital punishment drug laws and their enforcement abortion and the law affirmative action and race-conscious preferences and sex offender notification laws.

**LW-156. Legal Aspects of Health Care. 3.00 Credits.**

Analysis of the legal aspects of health care including general contracts confidentiality of records insurance liability and malpractice.

**LW-316. Criminal Evidence. 3.00 Credits.**

The nature of evidence its classification admissibility weight and relevance the trial record and rules of evidence hearsay and its exceptions the constitutional issues in the gathering and introduction of evidence expert and scientific evidence.

**MA Courses****MA-001. Introductory Algebra. 3.00 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 and MA-101.

**MA-101. Precalculus. 3.00 Credits.**

Brief review of basic algebraic concepts functions (general concepts linear quadratic) polynomial and rational functions exponential and logarithmic functions summary of trigonometric functions application problems.

**MA-102. Mathematics for the Humanities I. 3.00 Credits.**

Symbolic logic number theory functions and other topics selected by the instructor.

**MA-103. Mathematics for the Humanities II. 3.00 Credits.**

Set theory combinatorics finite probability conditional probability and topology.

**MA-105. Elementary Applied Mathematics. 3.00 Credits.**

Introduction to ways in which everyday situations can be modeled and studied mathematically: networks voting coding and finance.

**MA-106. Introduction to Probability & Statistics. 3.00 Credits.**

Describing data collections using measures (eg center and spread) and graphical representations (eg histograms and plots) estimating probabilities for discrete and continuous distributions and making statistical inferences using selected approaches (eg confidence intervals hypothesis testing linear regression analysis).

**MA-108. Mathematics for Educators I. 3.00 Credits.**

In-depth study of the concepts that underlie the mathematics of the elementary school curriculum in the United States Topics include set theory numeration mathematical thinking number theory and the four basic operations of mathematics This course is intended for individuals who expect to teach in primary school.

**MA-109. Mathematics for Educators II. 3.00 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.

**MA-115. Mathematics for the Health Sciences. 3.00 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-120. Math Anal for Decision Making. 3.00 Credits.**

Study of the applications of mathematics to problems in Business and Social Sciences Topics include functions and Mathematical Models Systems of Linear Equations Linear Programming Derivatives and Applications Math of Finance Prereq: MA-106.

**MA-123. Elementary Calculus I. 3.00 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. 3.00 Credits.**

Exponential and logarithmic functions integral calculus differential equations applications to problems in business economics and the life sciences.

**MA-125. Intermediate Calculus. 2.00 Credits.**

This course is intended for students (eg computer science majors) who have completed 6 credits of calculus and who now wish to take Multivariable Calculus.

**MA-132. Statistics for Life Sciences. 3.00 Credits.**

Basic methods of data analysis Topics include displaying data graphically measures of central tendency and variability probability concepts normal  $t$  chi-square and  $F$  distributions confidence intervals and estimation hypothesis testing regression and correlation analysis analysis of variance contingency tables use of statistical software Biological applications are emphasized.

**MA-133. Calculus for the Life Sciences. 4.00 Credits.**

Polynomial rational and trigonometric functions limits continuity derivatives graphs maximum-minimum problems exponential and logarithmic functions growth and decay problems integrals basic integration techniques applications of the integral Biological applications are emphasized.

**MA-141. Calculus I. 3.00 Credits.**

Covers same content as Ma143 offered under College supervision at selected local high schools.

**MA-142. Calculus II. 3.00 Credits.**

Covers same content as Ma144 offered under College supervision at selected local high schools.

**MA-143. Differential Calculus. 4.00 Credits.**

Limits and continuity the derivative chain rule and differentiation of algebraic functions extrema applications the Mean Value Theorem.

**MA-144. Integral Calculus. 4.00 Credits.**

The definite integral and the Fundamental Theorem of the Calculus applications transcendental functions methods of integration.

**MA-212. Elementary Statistics. 3.00 Credits.**

Descriptive statistics laws of probability some standard probability functions central limit theorem confidence intervals hypothesis testing Prereq: MA-124 MA-106 or MA-115.

**MA-214. Mathematics of Finance. 3.00 Credits.**

Interest partial payment ordinary annuities depreciation amortization sinking funds bonds deferred annuities perpetuities probability mortality tables life annuities life insurance Prereq: MA-106 or MA-124.

**MA-216. Computer Mathematics. 3.00 Credits.**

Number systems internal representation errors logic Boolean algebra circuits algorithms efficiency counting probability Prereq: MA-124 or MA-106 and CS-180.

**MA-218. Quantitative Methods for Busin. 3.00 Credits.**

Decision theory trees linear programming simplex method sensitivity analysis inventory theory CPM PERT Prereq: MA-106 or MA-124.

**MA-246. Discrete Mathematics. 3.00 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.

**MA-247. Introductory Linear Algebra. 3.00 Credits.**

Matrix calculus vector spaces linear independence and bases linear transformations on vector spaces eigenvalues and eigenvectors.

**MA-248. Math Tech Lab. 1.00 Credit.**

Software for numerical and symbolic computations (such as MatLab and Mathematica) and mathematical typesetting (such as TeX) Prereq: MA-144 or MA-125 or Instructor Permission.

**MA-273. Multivariable Calculus I. 4.00 Credits.**

Integration techniques 2-and-3 dimensional vector geometry functions of several variables limits directional derivatives partial differentiation extrema double and Triple integrals.

**MA-274. Multivariable Calculus II. 4.00 Credits.**

Limits and L'Hospital's Rule improper integrals infinite sequences and series power series Taylor series selected topics in multivariable calculus.

**MA-295. Co-Op. 3.00 Credits.**

Co-operative work experience.

**MA-302. Elem Math Functions for Mid Sc. 3.00 Credits.**

Functions and equations arithmetic and geometric sequences mathematical methods linear functions difference equations quadratic and cubic functions exponential and logarithmic functions domain and range fitting a line to data and modeling and associated mathematical processes Methods for learning and teaching the topics are addressed concurrently with the content.

**MA-304. Stats Prob & Discrete Math Middle Schoo. 3.00 Credits.**

Topics include collecting summarizing and interpreting data sampling techniques fundamental concepts of probability counting techniques Euler and Hamiltonian circuits shortest distance algorithms and associated mathematical processes Methods for learning and teaching the topics are addressed concurrently with the content.

**MA-306. Geometry for Middle School. 3.00 Credits.**

Metric and US standard measurement inductive and deductive reasoning Euclidean geometry of two and three-dimensional figures including but not limited to: area perimeter volume surface area congruency similarity rotation and transformation Coordinate geometry iteration and fractals geometry in the world around us and associated mathematical processes Methods for learning and teaching the topics are addressed concurrently with the content.

**MA-335. Probability Theory. 3.00 Credits.**

Probability spaces random variables expectation variance standard deviation binomial multinomial and Poisson distributions approximations by the normal distribution Chebyshev's Inequality.

**MA-336. Mathematical Statistics. 3.00 Credits.**

Law of large numbers Central Limit Theorem estimation of parameters confidence intervals test of hypotheses sampling regression analysis of variance.

**MA-350. College Geometry. 3.00 Credits.**

Study of Euclidean and other geometries from an axiomatic point of view Prereq: MA-246.

**MA-375. Advanced Calculus. 3.00 Credits.**

Real numbers sequences limits of sequences and functions continuity differentiation theory of integration pointwise and uniform convergence.

**MA-377. Ordinary Differential Equation. 3.00 Credits.**

Existence and uniqueness of solutions first and second order equations systems of linear differential equations solutions in power series applications Prereq: MA-247 and MA-274.

**MA-379. Differential Equations for Engineers. 4.00 Credits.**

This Course is an Expanded Version of MA-377 and includes the following additional topics: The Laplace Transform Partial Differential Equations and Fourier Series Prereq: MA-274 and MA-247.

**MA-382. Mathematical Modeling. 3.00 Credits.**

The nature and philosophy of model building algebraic and analytic models in the social physical and life sciences Prereq: MA-273 and MA-247.

**MA-385. Topics in Applied Mathematics. 3.00 Credits.**

Topics vary according to interest of students and faculty Prereq: MA-273 and MA-247.

**MA-387. Topics in Mathematics. 3.00 Credits.**

Topics vary according to interest of students and Faculty Prereq: MA-273 and MA-247.

**MA-399. Tutorial. 3.00 Credits.****MA-441. Modern Algebra. 3.00 Credits.**

Introduction to modern algebraic concepts theory of groups rings and fields Prereq: MA-246 MA-247 Instructor consent required.

**MA-467. Functions of a Complex Variable. 3.00 Credits.**

Complex numbers analytic functions elementary functions mapping of elementary functions integrals.

**MA-481. Numerical Analysis. 3.00 Credits.**

Use of the computer to solve numerical problems Error analysis solutions of equations linear systems interpolation approximation integration Prereq: MA-273 MA-247 CS-180.

**MA-490. Senior Seminar in Mathematics. 3.00 Credits.**

In this capstone course graduating senior Mathematics majors will explore areas of mathematics that draw on many of the previous courses emphasizing the connection between different areas of mathematics This culminating academic experience for the major will include writing presentations and contemporary mathematics research Prereq: MA-441 Senior Mathematics Majors only.

**MA-495. Undergraduate Research. 3.00 Credits.**

Original research topic chosen in consultation with faculty and pursued under faculty supervision.

## ML Courses

### **ML-101. The Epic: Ancient & Modern. 3.00 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?" Prereq: LA-158 or HP-158.

### **ML-110. American Sign Language I. 3.00 Credits.**

This beginners' course develops expressive and receptive skills vocabulary knowledge and sensitivity to deaf culture The history and social environment of the deaf community will be presented and discussed.

### **ML-111. American Sign Language II. 3.00 Credits.**

This beginners' course develops expressive and receptive skills vocabulary knowledge and sensitivity to deaf culture The history and social environment of the deaf community will be presented and discussed Prereq: ML-110.

### **ML-112. American Sign Language III. 3.00 Credits.**

Further practice of expressive and receptive skills in American Sign Language with additional attention to fluency and refinement of expression.

### **ML-113. American Sign Language IV. 3.00 Credits.**

Further practice of expressive and receptive skills in American Sign Language with additional attention to fluency and refinement of expression.

### **ML-151. Classics Great Books & Ideas. 3.00 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. 3.00 Credits.**

Methods of foreign-language pedagogy lesson planning syllabi classroom activities and methods of evaluation Taught in English recommended for education majors and/or minors.

### **ML-251. Romance Language Synthesis I. 6.00 Credits.**

Comparative simultaneous study of French Italian and Spanish providing intensive practice in pronunciation understanding speaking reading and writing each language.

### **ML-252. Romance Language Synthesis II. 6.00 Credits.**

Comparative simultaneous study of French Italian and Spanish providing intensive practice in pronunciation understanding speaking reading and writing each language Prereq: ML-251.

### **ML-258. The Baroque Aesthetic. 3.00 Credits.**

Literature from the Age of Versailles monarchy and the Counter Reformation Excerpts from French Spanish and Italian literary works of the Baroque.

### **ML-305. Romanticism. 3.00 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. 3.00 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor.

## MM Courses

## NS Courses

### **NS-110. Scientific Literacy. 3.00 Credits.**

Introduction to the characteristics of scientific inquiry and research The basic principles and laws of natural science The scientific method Topics may include energy space and matter radiation technology genetics nutrition and aging population ecology and pollution.

### **NS-489. Globalization Seminar. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings Specific area and topics determined at the beginning of the Academic Year.

## NU Courses

### **NU-103. Intro Professional Nursing. 1.00 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. 3.00 Credits.**

The evolution of professional nursing is explored and the development of professional identity is facilitated by the introduction of values inherent to the discipline of nursing including social justice Nursing theory as well as other selected theories and concepts are examined including: health belief model teaching/learning theory culture/global health evidence-based practice and the nursing process Prereq: 2 courses From Bi-172 Ps-151.

### **NU-203. Conceptual Theoretical Bases of Prof Nur. 2.00 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 Prereq: NU-103.

**NU-204. Nutrition and Health. 3.00 Credits.**

This course focuses on the role of nutrition in health and healing. The study of essential nutrients and their function is emphasized. Meeting dietary requirements across the life span is explored. The impact of pluralistic and public health factors on dietary practices is discussed. Prereq: BI-171 BI-172.

**NU-210. Pharmacology for Prof. Nursing Practice. 3.00 Credits.**

The focus of this course is on pharmacological therapy. Major drug classifications including prototypes are addressed for each of the body systems. Nursing implications of safe drug administration as well as the pluralistic factors affecting medication therapy are stressed. Prereq: MA-210.

**NU-250. Clinical Bases of Professional Nursing. 5.00 Credits.**

Basic interpersonal and technical nursing skills utilized to provide care for well and ill individuals are introduced. Knowledge and skills required to assess, prioritize, plan, implement, and evaluate health care are emphasized. Concepts related to nutrition and medication therapy are applied. Pluralistic as well as legal and ethical issues related to quality care are stressed. College laboratory and clinical experiences in selected health care settings. Prereq: MA-115 BI-161 PS-234 Coreq: NU-204 NU-210.

**NU-302. Seminar in Professional Nursing. 2.00 Credits.**

The course is designed to examine the evolution of professional nursing through a synthesis of the social, cultural, philosophical, historical, and theoretical influences. The development of a professional identity is facilitated by encouraging students to derive meaning from the core values central to the nature of nursing.

**NU-303. Seminar in APA Writing for Hlth Science. 1.00 Credit.**

A course to help the student learn APA writing style required for nursing and other health sciences.

**NU-304. Pathophysiology. 3.00 Credits.**

This course uses a systems approach to examine the human response patterns to health and illness. Physiological processes and pathological changes are explored in depth. Prereq: Bi-161 and Bi-172.

**NU-306. Computer Technology in Nursing Practice. 1.00 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. 3.00 Credits.**

The major focus of this course is on a holistic approach to health appraisal of the individual client. The nursing process with an emphasis on assessment and planning is analyzed and applied in dealing with individuals in the college laboratory. Concepts related to health promotion, risk identification, and client education are stressed. Prereq: From courses BI-172 PS-235 NU-250 NU-304 Coreq: NU-312.

**NU-310. Health Assessment. 4.00 Credits.**

Major focus is on a holistic approach to health appraisal of the individual client across the life span. The nursing process with an emphasis on assessment and planning is analyzed and applied in dealing with individuals in the college laboratory. Concepts related to health promotion, risk identification, and client education are stressed.

**NU-312. Nursing Care for Adults and Aging I. 5.00 Credits.**

Application of the nursing process in caring for adults and older clients with chronic, stable 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. Prereq: 3 courses. From Nu-204 Nu-250 Nu-304 Coreq: NU-308.

**NU-315. Nursing Care for Adults and Aging II. 5.00 Credits.**

A continuation of the Nursing Care of Adults and Aging I. This course builds and expands the knowledge and skill base related to caring for adults and older clients with acute and chronic health needs. Pathologic conditions associated with aging are discussed. Pluralistic factors including nutrition and medication therapy are integrated. Legal and ethical issues are applied. Clinical experiences in selected health care settings. Prereq: Nu-312 Coreq: NU-315L.

**NU-325. Nursing Care of Child-Bearing Families. 5.00 Credits.**

The use of the nursing process to provide care for child-bearing families is examined. Nursing care of clients during pregnancy, childbirth, the postpartum, and newborn periods is stressed. Pluralistic factors as well as nutrition and medication therapy are integrated. Strategies to promote health and care for clients with physiological and psychological alterations are discussed. Normal family functioning and the impact of pregnancy on the family is considered. College laboratory and clinical experiences in selected health care settings. Prereq: 3 courses from so-121 Nu-308 Nu-312 Coreq: NU-325L.

**NU-330. Care of Families & Aggregates. 4.00 Credits.**

Major focus is on primary and tertiary prevention within a social systems framework Creative application of nursing process to families and groups utilizing family systems theory and group dynamics.

**NU-350. Trends and Issues in Nursing. 2.00 Credits.**

Current status of professional nursing Political economic and social trends affecting nursing and the health care system are analyzed Issues in professional practice and education are explored.

**NU-360. Computer App in Nursing & Health Care. 2.00 Credits.**

The application of computer technology to patient care nursing practice research education and management is explored Health care information management systems are introduced Coreq: NU-390.

**NU-390. Intro to Nursing Research. 3.00 Credits.**

Understanding of the research process and critique of research studies The relevance of nursing research findings for the provision of patient care is discussed Students develop a research paper through an interactive process with faculty and peers Prereq: # CS-150 NU-330 # PS-200 or SO-448.

**NU-399. Undergraduate Nursing Tutorial. 2.00 Credits.****NU-404. Psychiatric-Mental Health Nursing. 5.00 Credits.**

This course focuses on the use of the nursing process to provide care for individuals families and aggregates with alterations in mental health Pluralistic factors as well as medication therapy are integrated Strategies to promote mental-health are discussed Nursing care of clients with acute and chronic alterations in psychological functioning are stressed Clinical experiences are provided in psychiatric-mental health nursing across the life span in selected health care and community settings Prereq: 3 courses From Ps-235 So-121 Nu-315.

**NU-414. Nursing Care of Children and Adolescents. 5.00 Credits.**

The nursing process is used as a framework to provide care for children and adolescents Nursing care of children and adolescents with physical and psychological alterations in health and illness is stressed 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 Prereq: 3 courses From Ps-235 Nu-308 Nu-325.

**NU-416. Social Justice Ethics and Health Care. 3.00 Credits.**

Political economic and social justice issues affecting patient care and the health care system are examined Accessibility and affordability of health care services including the needs of vulnerable populations are explored Strategies to promote social justice and ethical behavior within the health care system are stressed Values course Prereq: 4 courses From Nu-315 Nu-390 Coreq: PO-100 NU-445.

**NU-420. Community Health Nursing. 4.00 Credits.**

Community health nursing emphasizes community as client The nursing process is applied in dealing with groups aggregates and community Nursing care of individuals in community settings is also examined Prereq: NU-430.

**NU-430. Nursing Care of Adults and Aging III. 4.00 Credits.**

Culmination of the courses Adults and Aging I and II this course builds and expands the knowledge and skill base related to caring for adults and older clients with complex acute and chronic conditions and rehabilitative health care needs High risk populations such as those with multiple illnesses will be address Pathologic conditions associated with aging are discussed Pluralistic factors including nutrition and medication therapy are integrated An opportunity for students to function with increased independence as well as to organize delegate supervise and evaluate care Clinical experiences in selected health care settings Prereq: Nu-315.

**NU-440. Leadership and Management in Nursing. 4.00 Credits.**

The major focus is on leadership and change in nursing practice within the health care delivery system utilizing the nursing process as a framework Includes a change project proposal in a selected clinical agency Prereq: NU-420.

**NU-445. Leadership and Trends in Nursing. 3.00 Credits.**

The major focus in this course is on leadership and change in nursing practice within the health care system Utilization of the nursing process as a framework for action is stressed Selected concepts related to management including types of power delegation motivation are discussed Trends and issues affecting nursing and the health care system are also explored Prereq: 4 courses >From Nu-315 Nu-390 Po-100 Nu-414 Coreq: PO-100 NU-416.

**NU-450. Nurse/Client Educator. 2.00 Credits.**

A multifaceted approach to client/peer education Emphasis on teaching/ learning concepts The role of education as a strategy in health promotion Prereq: NU-302.



**NU-452. Women's Health Issues. 3.00 Credits.**

Exploration of health issues affecting women from historical political and pluralistic perspectives The students' role as health care advocate is stressed Prereq: NU-302.

**NU-453. Alternative Healing Methods. 2.00 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.

**NU-470. Dimensions of Professional Nursing. 4.00 Credits.**

The emphasis of this course is on the professional role of nursing with a focus on leadership and community health practice The concepts of professionalism nursing process and pluralism are explained Leadership theory and the health care system are analyzed Community health nursing is examined and the principles of health promotion and client education are integrated into the conduction of a community project.

**OR Courses****OR-050. Freshmen Seminar Registration. 0.00 Credits.**

Freshman course designed to provide an introduction to College life at Saint Peter's and to help insure success through the examination of topics such as study strategies test-taking wellness diversity learning styles and critical thinking writing and speaking skills.

**PC Courses****PC-104. Descriptive Astronomy. 3.00 Credits.**

A non-mathematical introduction to astronomy Topics include: solar system structure and evolution of stars galaxies and cosmology.

**PC-106. Meteorology & Climatology. 3.00 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. 3.00 Credits.**

This course considers the evolution of the science behind the movies - the technical advances that have made modern movie making possible and how the treatment of science scientific discovery and inventions have evolved particular movie genres Lectures and movie clips will be used to illustrate the above.

**PC-120. Introduction to Oceanography. 3.00 Credits.**

This introductory course places students in a dynamic and highly motivational educational environment where they investigate the role of the ocean in the Earth System by using real-world current environmental data Prereq: NS-110.

**PC-138. Introduction to Earth Science. 3.00 Credits.**

A non-mathematical look at the origin structure and continuing evolution of the planet earth A particular emphasis will be placed on interactions between the solid earth the hydrosphere the atmosphere and the biosphere.

**PC-145. Astro-Archeology. 3.00 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 Prereq: SO-121.

**PC-185. General Physics I. 3.00 Credits.**

Classical mechanics Prereq: MA-124 MA-144 or MA-133.

**PC-186. General Physics II. 3.00 Credits.**

Electromagnetism Optics Atomic and nuclear physics Prereq: PC-185 MA-124 MA-144 or MA-133.

**PC-187. General Physics Laboratory I. 1.00 Credit.**

A laboratory course to accompany Pc185 Prereq: MA-124 MA-144 or MA-133 Coreq: PC-185.

**PC-188. General Physics Laboratory II. 1.00 Credit.**

A laboratory course to accompany Pc186 Prereq: PC-187 MA-124 MA-144 or MA-133 Coreq: PC-186.

**PC-190. Applied Electronics. 3.00 Credits.**

DC and AC circuits semiconductor devices operational amplifiers digital logic and digital computer fundamentals Coreq: PC-191.

**PC-191. Applied Electronics Laboratory. 1.00 Credit.**

A laboratory course to accompany Pc190 Coreq: PC-190.

**PC-210. LabVIEW Measurement & Automation. 3.00 Credits.**

Introduction to National Instruments LabVIEW program and its interaction with various instruments measurements and automation.

**PC-300. Math Methods in Physics. 3.00 Credits.**

This one semester course offers a comprehensive introduction to a variety of mathematical subjects used in the areas of physics with application to specific problems Topics covered include: Vector and Tensor Analysis Functions of a complex Variable and Calculus of Residues Strum-Liouville Theory Introduction to Special Functions and Fourier Series.

**PC-331. Electronics. 4.00 Credits.**

Circuit principles diodes and rectifiers filters transistors as amplifiers and switches operational amplifiers with applications oscillators Lecture and laboratory.

**PC-336. Physical Electronics. 3.00 Credits.**

Semiconductor theory and the physics of diodes of bipolar transistors and of field- effect transistors.

**PC-337. Modern Physics. 4.00 Credits.**

The special theory of relativity quantum phenomena atomic and nuclear structure molecular spectra radio activity fission and fusion elementary particles Lecture and Laboratory.

**PC-344. Optics. 4.00 Credits.**

Geometrical optics wave nature of light interference diffraction polarization selected topics in quantum optics Lecture and laboratory Prereq: PC-185 PC-186 or PC-190.

**PC-355. Thermodynamics & Stat Mechanics. 3.00 Credits.**

Heat and heat transfer thermal behavior of gases the laws of thermodynamics entropy and enthalpy partition functions and engineering applications Prereq: PC-186.

**PC-360. Astronomy. 3.00 Credits.**

Celestial mechanics The solar system Stars Galaxies Cosmology For science majors.

**PC-361. Adv. Topics in Modern Phys I. 3.00 Credits.**

Introduction to Molecular Physics and Solid State Physics with applications in Semiconductor devices (Covers the theoretical and experimental foundation of the atomic and molecular structure and phenomena associated with it: Spin-Orbital and Spin-Spin interactions Magnetic Resonance Relativistic corrections to the structure of the atom Hyperfine Structure Spectroscopy Binding in molecules Van der Walls Interaction Covers the theoretical foundation of quantum effects in solids: Acoustic and Optic Phonons the Structure of Solids Crystal Lattice Free electron theory Energy Bands Semiconductors and Superconductors).

**PC-362. Adv. Topics in Modern Phys II. 3.00 Credits.**

Introduction to Elementary Particle Physics and Nuclear Physics (Covers the basic properties of the standard model of the fundamental structure of matter & the four fundamental forces of nature Conservation laws Reactions (Decay and Relativistic Collisions) Models of the heavy nucleus from the bag and liquid drop to basic QCD).

**PC-370. Mechanics. 3.00 Credits.**

Statics and dynamics of particles and rigid bodies Theory of small vibrations Gravitation moving frames of reference Relativistic dynamics Prereq: # MA-247 # PC-185 PC-186.

**PC-371. Ancient Skywatchers of North America. 3.00 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.

**PC-374. Electricity and Magnetism I. 3.00 Credits.**

Electrostatics in free space and in the presence of dielectrics and conductors Magnetostatics Electromagnetic induction The Maxwell equations Prereq: PC-186.

**PC-380. Intro to Quantum Mechanics. 3.00 Credits.**

Mathematical foundation of quantum mechanics Schroedinger's equation with applications The one-electron atom Selected topics in atomic and nuclear physics Prereq: PC-186.

**PC-390. Independent Study in Physics. 1.00 Credit.**

This course provides the opportunity for individual work on an assigned research problem.

**PC-489. Globalization & Fieldwork Sem. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings Specific area and topics determined at the beginning of the Academic Year Locations change every term.

**PE Courses****PE-103. Prin & Found of Phys Education. 3.00 Credits.**

An examination of the historical and philosophical development of physical education from ancient times to the present To acquaint the student with physical education as a profession.

**PE-201. Adapted Physical Education. 3.00 Credits.**

To develop knowlegde and understanding of how to teach adapted Physical Education Prereq: PE-100.

**PE-228. Intro to Sports Management. 3.00 Credits.**

This course is designed to help participants gain an indepth understanding of the fundamental principles and key skills associated with sports administration and management.

**PE-240. Teaching of Skills Activities I. 3.00 Credits.**

A study of the basic principles content organization and curriculum for individual dual and team activities for elementary school students Includes methods and teaching strategies program evaluation and peer teaching Variable sport activities Prereq: PE-104.

**PE-241. Teaching of Skills Activities II. 3.00 Credits.**

A study of basic principles content organization & curriculum for individual dual & team activities for middle school and high school students Includes methods and teaching strategies program evaluation and peer teaching Variable sports activities Prereq: PE-240.

**PE-250. Media Relations in Sports. 3.00 Credits.**

Media and public relations strategies in the sports industry are reviewed Exposure to the use of web publications/multimedia and development Prereq: SM-228.

**PE-255. Fitness and Wellness. 3.00 Credits.**

This course helps students adopt and maintain behavior associated with an active and healthy lifestyle Through lecture and exercise students will learn behavioral patterns consistent with current knowledge in fitness and wellness.

**PE-295. Co-Operative Education. 3.00 Credits.**

Co-operative education experience.

**PE-310. Kinesiology. 3.00 Credits.**

Application of facts and principles of anatomy and mechanics to the study of human motion including the systematic approach to the analysis of motor skill activities Prereq: PE-104 Coreq: BI-171.

**PE-311. Biomechanics. 3.00 Credits.**

The study of the laws of mechanics as they relate to physical movement skill development and athletic performance Special attention is paid to the muscular joint and skeletal actions of the body and how they may impact performance Prereq: PE-103.

**PE-350. Sport Facility Operation & Event Mgmt. 3.00 Credits.**

Planning Organization and Operation of Sport Facilities and management of events Prereq: SM-228.

**PE-352. Exercise Physiology. 3.00 Credits.**

A study of the physiological effects of movement on the human body and the relationship existing among muscular respiratory circulatory and nervous systems Prereq: BI-171.

**PE-360. Sports Medicine. 3.00 Credits.**

To teach students the basis of being a certified athletic trainer and includes injury recognition prevention evaluation treatment rehabilitation and administration of athletic injuries Prereq: Bi-171.

**PE-400. Teaching PE in Mid-Sec School. 3.00 Credits.**

Principles and practices of teaching PE in grades 7 to 12 Course places emphasis on ethics principles procedures and techniques related to teaching PE in middle and secondary schools Prereq: PE-104 ED-490.

**PE-410. Legal & Ethical Issues in Sports. 3.00 Credits.**

A hybrid values course that includes topics in policy development labor movement in sports collective bargaining in sports organizations ethical dilemmas and implications Prereq: SM-228 and TH-120 or PL-101.

**PE-445. Sport Psychology. 3.00 Credits.**

The study of behavior in sport and exercise with a focus on how psychological factors affect physical performance and how sport and exercise affect psychological development health and well-being Prereq: PS-151 Minimum grade C.

**PE-499. Internship. 1.00 Credit.**

Field work experience in the areas of Sports Management and/or Health & Physical Education.

## PL Courses

### **PL-100. Intro. to Philosophy I. 3.00 Credits.**

An introduction to Philosophy and its history with special emphasis on the classical philosophies of Socrates Plato and Aristotle.

### **PL-101. Intro. to Philosophy II. 3.00 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.

### **PL-151. Contemporary Ethical Issues. 3.00 Credits.**

A philosophical examination of contemporary moral issues which may include sexual morality abortion euthanasia capital punishment economic justice discrimination just war theories and/or animal rights Values course Prereq: PL-100 PL-101.

### **PL-152. Human Freedom. 3.00 Credits.**

### **PL-153. Logic. 3.00 Credits.**

An examination of the basic principles of human reasoning with emphasis on traditional logic and critical thinking Prereq: PL-100 PL-101.

### **PL-213. 19th Century Philosophy. 3.00 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 Prereq: PL-100 PL-101.

### **PL-230. Crit Moral Think. 3.00 Credits.**

### **PL-231. Philosophy of Religion. 3.00 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 Prereq: PL-100 PL-101.

### **PL-232. Philosophy of Human Nature. 3.00 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 Prereq: PL-100 PL-101.

### **PL-240. General Ethics. 3.00 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 Prereq: PL-100 PL-101.

### **PL-241. Environmental Ethics. 3.00 Credits.**

Basic theories of environmental ethics and philosophy are examined in connection with contemporary issues and problems involving the environment Values course Prereq: PL-100 PL-101.

### **PL-252. Justice and Human Rights. 3.00 Credits.**

A philosophical investigation of what constitutes a fair distribution of benefits and burdens rights and duties within a truly just society Discussion of historical and contemporary theories of justice and individual rights including Rawls and Nozick Values course Prereq: PL-100 PL-101.

### **PL-254. Contemporary Issues Bioethics. 3.00 Credits.**

An examination of contemporary issues in biomedical ethics including abortion euthanasia the doctor-patient relationship confidentiality truth-telling genetics cloning reproductive technologies the just allocation of scarce medical resources Values course Prereq: PL-100 PL-101.

### **PL-284. Medieval Christian Philosophy. 3.00 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 Prereq: PL-100 PL-101.

### **PL-285. American Philosophy. 3.00 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 Prereq: PL-100 PL-101.

### **PL-287. Humanoids Morals and Machines. 3.00 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 Prereq: PL-100 PL-101.

### **PL-288. Recent European Philosophy. 3.00 Credits.**

This course examines thinkers in the areas of phenomenology and existentialism which have dominated much of continental European philosophy during the past century Prereq: PL-100 PL-101.

### **PL-306. Existentialism: Dostoevsky to Sartre. 3.00 Credits.**

A study of the philosophy of Existentialism Existential values as mirrored in selected texts including Kierkegaard Nietzsche Kafka Jaspers and Camus Values course Prereq: PL-100 PL-101.

**PL-311. Philosophy and Bob Dylan. 3.00 Credits.**

An investigation of the philosophical ethical and cultural themes in Bob Dylan's lyrics Philosophical ideas such as appearance versus reality truth and knowledge and good and evil will be explored through a comprehensive study of Dylan's music Values course Prereq: PL-100 PL-101.

**PL-317. German Idealism. 3.00 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 Prereq: PL-100 PL-101.

**PL-318. 19th Century Philosophy. 3.00 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 Values course Prereq: PL-100 PL-101.

**PL-320. Asian Philosophy. 3.00 Credits.**

An examination of the philosophies of India and China including a text based study of the Upanishads the Bhagavad-Gita the philosophy of Yoga Buddhism Confucianism and Taoism Values course Prereq: PL-100 PL-101.

**PL-325. Business Ethics. 3.00 Credits.**

An examination of contemporary moral issues in business including the nature of economic justice the rights and duties of economic agents and the nature of a just society Values course Prereq: PL-100 PL-101.

**PL-330. Beauty and the Beast. 3.00 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 Prereq: PL-100 PL-101.

**PL-333. Mysticism and Its Values. 3.00 Credits.**

The basic meaning of mysticism is the realization that truth is found in the act (the judgment) rather than simply in words or ideas One must live wisely in order to understand wisdom because it is in the living that one genuinely knows This course explores some basic mystic paths from saints to sages and astrologers to shamans and challenges both professors and students to test their truth by the living act of their own self-determining judgments Values course Prereq: PL-100 PL-101.

**PL-340. Feminist Philosophy. 3.00 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 Prereq: PL-100 PL-101.

**PL-388. Philosophical Issues on Film. 3.00 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 Prereq: PL-100 PL-101.

**PL-390. Special Projects Philosophy. 3.00 Credits.**

Able students and willing teachers may design special courses or other projects for credit in philosophy Proposals are to be submitted for review through the chairperson of the Philosophy Department Credit is also available to students who wish to enroll in the Cooperative Education Program Prereq: PL-100 or PL-101.

**PL-448. Plato's Dialogues. 3.00 Credits.**

Through close study of selected longer dialogues students will examine Plato's philosophical world-view including the theory of value and meaning he conveys in his writings as a way of further exploring moral theory Values course Prereq: PL-100 PL-101.

**PL-489. Technology and Society. 3.00 Credits.**

This course is a study of ethical considerations related to technology and its impact on society Values course Prereq: PL-100 PL-101.

**PO Courses****PO-100. Perspectives on Politics. 3.00 Credits.**

A study of political values how a political system develops and functions concepts of common good power resources influence and allocation of values and contemporary political issues.

**PO-130. Introduction to Nonviolence. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers including Gandhi Martin Luther King Dorothy Day and many others.

**PO-200. Research Methods in Political Science. 3.00 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.

**PO-201. American Government. 3.00 Credits.**

An introductory study of the principles institutions and power relationships of the American governmental system Topics include the politics of the American Founding the federal arrangement between the national and state governments the operations of the Congress the president and the courts and the roles of elections political parties and interest groups.

**PO-202. Global Citizenship: IssPol & Dec Mkg. 3.00 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-207. The Mass Media and American Politics. 3.00 Credits.**

An in-depth study of the interactions between the American mass media and the US 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 US 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. 3.00 Credits.**

An examination of the principal historical influences and major institutions involved in the formulation and execution of foreign policy.

**PO-231. Ethnic & Racial Politics in the US. 3.00 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.

**PO-240. Public Policy in the US. 3.00 Credits.**

An examination of specific case studies including health care education income maintenance defense economic policy.

**PO-250. Intro to Social Justice. 3.00 Credits.**

An examination of how racism classism and sexism create barriers to the realization of a more equal and just society with a particular focus on pressing current social justice issues - such as affordable housing health care immigration the prison system war and the environment - and the people that are working to build a better world.

**PO-259. Law Pol Soc: Anc WI. 3.00 Credits.**

A study of ideas of government law and the organization of society in Ancient Greece and Rome.

**PO-262. Political Influence of Film. 3.00 Credits.**

Exploration of the way in which films make political statements and influence political behavior Films shown and discussed.

**PO-263. Politics and Technology. 3.00 Credits.**

An examination of the relationships between politics science and technology how political institutions cope with techno-scientific change The implications for political society of changes in medical energy war and computer/information technologies will be examined.

**PO-275. Intro to International Relations. 3.00 Credits.**

Examination of the system of nation states blocs and rivalries in the world order Approaches to the explanation of power and security the use of force and war and international social economic and environmental problems.

**PO-295. Co-Op. 3.00 Credits.****PO-300. Intro Comparative Politics. 3.00 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 & Medieval Political Theory. 3.00 Credits.**

A survey of the classic works of political theory from its inception through the Middle Ages: Plato Aristotle Augustine and Aquinas.

**PO-302. Early Modern Political Theory. 3.00 Credits.**

A survey of the classic works of political thought from the end of the Middle Ages through the French Revolution Machiavelli Hobbes Locke and Rousseau.

**PO-303. Early American Political Theory. 3.00 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. 3.00 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.

**PO-305. Late Modern Political Theory. 3.00 Credits.**

A survey of the classic works of political thought from the Enlightenment to the 20th century: Kant Hegel Marx Nietzsche Heidegger and Arendt.

**PO-306. Contemp Political Theory. 3.00 Credits.**

An examination of the debate between critical theory and post-modernism: Adorno Marcuse Habermas Foucault Derrida and Levinas.

**PO-310. Feminist Political Theory. 3.00 Credits.**

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism Marxist feminism radical feminism and post-modern feminism.

**PO-311. Peace & Jstc Iss Within Pol Thry. 3.00 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. 3.00 Credits.**

An in-depth examination of the organization and decision-making processes of the US Congress and the political considerations and forces that influence the work of members of Congress in both the Senate and House of Representatives Topics include the legislative intentions and designs of the Founders the representational and lawmaking functions of Congress the norms organization and processes of each chamber the parameters of congressional elections the roles of political parties and interest groups and the relationships between Congress and the other two branches of government.

**PO-313. The American Presidency. 3.00 Credits.**

An in-depth study of the evolution of the presidency and its modern functions decision-making processes and political influence over American governance Topics include the contrasting and changing visions of the presidency the presidential election process the connections between the president and the public the institutional organization and operations of the presidency the relationships between the president and the other two branches of government and the presidential role in national security and foreign affairs.

**PO-314. The American Judicial Process. 3.00 Credits.**

An in-depth examination of the roles decision-making processes and organization of the state and federal courts and the impact of the judiciary on American politics Topics include the function of law the roles of lawyers and judges the formal and informal structures and operations of courts and the elements procedures and purposes of trials and appeals and of criminal and civil proceedings.

**PO-315. American Campaigns & Elections. 3.00 Credits.**

An in-depth exploration of the dynamics challenges and political parameters of American elections Topics include the evolving roles of political parties consultants interest groups and candidates the structures and complexities of the primary and general election processes the resources organization and strategies of political campaigns and the behavior of American voters.

**PO-376. International Organizations. 3.00 Credits.**

Examination and discussion of international political and economic organizations including the United Nations multinational corporations the World Bank and regional organizations such as the European Union and producer cartels such as the Organization of Petroleum Exporting countries Prereq: PO-100.

**PO-378. Global Inequality. 3.00 Credits.**

An exploration of the patterns of economic and political inequality that exist between countries and within countries in the contemporary international system.

**PO-409. Constitutional Law & Governmental Powers. 3.00 Credits.**

An advanced and case law-focused seminar on the allocation of governmental powers under the US Constitution Topics are explored through the study of US 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 Prereq: PO-100.

**PO-410. Political Development. 3.00 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. 3.00 Credits.**

A comparative and analytical study of nationalism and revolutionary movements Nation-building in contemporary underdeveloped countries.

**PO-412. Pltcs of Post-Indstrlzd Scies. 3.00 Credits.**

The problems of dehumanization gigantism and ecological suicide the quest for a good society in today's world.

**PO-414. Understanding Global Terrorism. 3.00 Credits.**

This course drawing on comparative global and historical experiences exposes the student to the various regional expressions of terrorism (Asia Latin America N America Europe) Political economic nationalist and religious forms of terrorism receive considerable scholarly attention in this course.

**PO-417. Constitutional Law & Civil Liberties. 3.00 Credits.**

An advanced and case law-focused seminar on human rights and civil liberties under the US Constitution Topics are explored through the study of US 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 Prereq: PO-100.

**PO-420. Comparative Politics: Western Europe. 3.00 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. Cmprtv Pol: Mid East & Nrth Africa. 3.00 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. Gv't & Politics in Latin America. 3.00 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-425. Governm't & Politics in Africa. 3.00 Credits.**

Examination and discussion of the struggles for democracy in Africa the variety of governmental and political forms of African countries problems facing African countries including development population agriculture and tribal-ethnic rivalries.

**PO-444. Comparative Legal Systems. 3.00 Credits.**

An introduction to the comparative study of legal systems focusing on the civil law and common law systems but including elements of other legal systems to understand how similar legal situations are addressed in different legal systems Prereq: PO-100.

**PO-477. International Law. 3.00 Credits.**

An introduction to the principles and norms of international law and how they regulate political and economic interactions at the global level A case oriented emphasis on treaties the law of war and dispute settlement Prereq: PO-100.

**PO-479. Internatn'l Political Economy. 3.00 Credits.**

An examination of the dynamics of wealth and power in the global system Emphasis given to issues of trade monetary relations and economic interdependence Regulatory efforts at the national regional and international levels are analyzed Prereq: PO-100.

**PO-486. Sem Political Theory: Genocide. 3.00 Credits.**

After a thorough conceptualization of genocide the course will examine case studies of modern genocide ranging from the 20th and 21st centuries Students will also be challenged to critique certain academic definitions of genocide and will discuss dehumanization denial and reconciliation.



**PO-490. Seminar in American Politics. 3.00 Credits.**

Examination and discussion of selected issues in American politics. Students will have the opportunity to work on student-designed faculty-guided research projects. Restricted to juniors and seniors with departmental approval.

**PO-491. Sem in Pol Thry: Death Pnlty. 3.00 Credits.**

This course contemplates justice a cardinal political virtue through the lens of the death penalty a concern of public policy. Ancient modern and contemporary thought about justice and practices of punishment will be sites of investigation.

**PO-492. Sem in Comparative Politics. 3.00 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. Prereq: po-100.

**PO-493. Sem in International Politics. 3.00 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. Prereq: 6 credits of PO courses including PO-100 or instructor's consent.

**PO-494. Intrnshp in the Public Sctr I. 3.00 Credits.**

Faculty supervised off-campus work experience with public sector organizations. As part of their internship experience students will undertake a faculty-guided independent research project. Department chairperson's permission required.

**PO-495. Intrnshp in the Public Sctr II. 3.00 Credits.**

Faculty supervised off-campus work experience with public sector organizations. As part of their internship experience students will undertake a faculty-guided independent research project. Department chairperson's permission required.

**PO-496. Adv Intrnshp in the Pblc Sectr. 3.00 Credits.**

An advanced supervised off-campus work experience with public sector organizations integrated with independent research under the supervision of a political science faculty member. Department chairperson's permission required.

**PO-497. Spec Proj in Political Science. 3.00 Credits.**

Under the supervision of a political science faculty member students will develop implement and evaluate an independent research project. Restricted to juniors and seniors with chairperson's approval.

**PO-498. Sem: Political Poetry & Music. 3.00 Credits.**

This course considers the relationship between aesthetics and political philosophy. Political themes flowing through poetry and music analyzed both in terms of their message and medium.

**PO-499. Sem Pol Thry: Pol Thry of Prxis. 3.00 Credits.**

This course will examine the call to community service from both a philosophical and practical experience. Students will be required to do service work within the local community and to use this work in tandem with selected writings as a means of reflection upon the nature of political praxis. Special emphasis will be given to a collective form of political praxis social movements.

**PS Courses****PS-140. Psychology of Success. 3.00 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. 3.00 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. 3.00 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. Prereq: PS-151. Minimum grade C.

**PS-200. Statistics & Research Methods. 3.00 Credits.**

An introduction to descriptive and inferential statistics with emphasis on research methodology and applications in psychology. Prereq: Minimum grade of C in PS-151.

**PS-205. Experimental Psychology. 3.00 Credits.**

Examination and training in experimental methodology with a focus on the scientific method and empiricism. Topics include the philosophy of science statistics developing and testing hypotheses control techniques designs and ethics. Prereq: PS-151. Minimum grade C.

**PS-210. Advanced Stats & Computer Applications. 3.00 Credits.**

An overview of the ways in which computers are used in psychology Topics include experimental data analysis using statistical packages such as SPSS library research using PsycLIT creating resumes APA style and PowerPoint presentations for conferences Prereq: PS-200 Minimum grade C.

**PS-220. Social Psychology. 3.00 Credits.**

Study of the individual in the social environment examination of such topics as attitude formation and change social influence leadership and community intergroup relations aggression and altruism Prereq: Earn C or better in PS-151.

**PS-230. Childhood and Adolescence. 3.00 Credits.**

A survey of the physical intellectual social and personality development that occurs during infancy toddlerhood childhood and adolescence Prereq: Earn C or better in PS-151.

**PS-235. Life Span Development. 3.00 Credits.**

Comprehensive examination of the basic principles stages and aspects of human growth and development from birth to senescence May replace PS230 as a required course but cannot take both PS230 and PS235 Prereq: Earn C or better in PS-151.

**PS-240. Adulthood and Aging. 3.00 Credits.**

Examination of the developmental changes in the human life cycle from young adulthood through maturity Focuses on patterns of change and growth during adulthood social attitudes and gerontological psychology Prereq: Earn C or better in PS-151.

**PS-250. Personality. 3.00 Credits.**

Exploration of personality theories including psychoanalysis cognitive behavioral and humanist approaches as they describe the development functioning and organization of the individual Examination of the personal and clinical relevance of the theories Prereq: Earn C or better in PS-151.

**PS-260. Abnormal Psychology. 3.00 Credits.**

Description of normal and abnormal personality with emphasis on etiology manifestations dynamics treatment and prevention of social/psychological dysfunctions Prereq: Earn C or better in PS-151.

**PS-270. Educational Psychology. 3.00 Credits.**

The study of learning and instruction as applied to education Includes an appreciation of the role of research application of research to classroom settings and reviews of psycho- social development individual differences behavioral and cognitive views of learning classroom management and assessment Prereq: Earn C or better in PS-151.

**PS-280. Death & Dying. 3.00 Credits.**

Death and dying are universal experiences that cannot be avoided How we experience death give meaning to it and cope with its challenges is an integral part of the lifespan These challenges will be explored from a psychological perspective in the contrast of society culture and its history Prereq: Earn C or better in PS-151.

**PS-295. Co-Op. 3.00 Credits.****PS-305. Tests & Measurements. 3.00 Credits.**

Introduction to the theory and methods of assessing intelligence attitudes human abilities and personality Supervised experience with tests Prereq: Earn C or better in PS-151.

**PS-306. Capstone: Seminar Lab Tests & Measure. 3.00 Credits.**

null Prereq: Earn C or better in PS-210 and PS-205 Coreq: PS-305.

**PS-310. Social Experimental Psychology. 3.00 Credits.**

The study of individual behavior in the social environment with an emphasis on quantitative experimental techniques used to examine theories and models Techniques include observational research ethics in human research questionnaire research formal experiments naturally occurring studies archival studies and non-interventional field research Topics include attitude formation social influence leadership intergroup relations aggression and altruism Prereq: Earn C or better in PS-151.

**PS-311. Capstone: Seminar Lab Social Experiment. 3.00 Credits.**

null Prereq: Earn C or better in PS-210 and PS-205 Coreq: PS-310.

**PS-320. Learning. 3.00 Credits.**

An examination of the major historical and contemporary theories of learning Discussions will focus mainly on the critical analysis of experiments conducted on both animals and humans Lectures will be supplemented with classroom demonstrations and exercises.

**PS-321. Capstone: Seminar & Lab in Learning. 3.00 Credits.**

null Prereq: Earn C or better in PS-210 PS-205 Coreq: PS-320.

**PS-330. Sensation and Perception. 3.00 Credits.**

An examination of the various theories of sensation and perception Although discussions will focus mainly on visual and auditory processes other senses will also be studied Lectures will be supplemented with numerous classroom demonstrations as well as static and animated computer displays Prereq: PS-151 Minimum grade C.

**PS-331. Capstone: Sem Lab Sensation Perception Lab in Sensation & Perception. 3.00 Credits.**

null Prereq: Earn C or better in PS-210 and PS-205  
Coreq: PS-330.

**PS-340. Physiological Psychology. 3.00 Credits.**

Relationships between physiological processes and behavior with emphasis on the role of the central nervous system in human behavior Prereq: PS-151  
Minimum grade C.

**PS-350. Cognitive Processes. 3.00 Credits.**

Examination of the issues theories and applications of memory attention pattern recognition organization of knowledge language reasoning and problem solving In studying these topics we will use the information processing and connectionist approaches Prereq: PS-151  
Minimum grade C.

**PS-351. Capstone: Sem & Lab in Cognitive Process. 3.00 Credits.**

null Prereq: Earn C or better in PS-210 and PS-205  
Coreq: PS-350.

**PS-355. St in Contemporary: Change Title. 3.00 Credits.**

Exploration of a selected topic in the contemporary psychology Prereq: PS-151  
Minimum grade C.

**PS-356. Capstone: Sem & Lab ST Contemporary. 3.00 Credits.**

null Prereq: Earn C or better in PS-210 PS-205  
Coreq: PS-355.

**PS-380. Human Factors. 3.00 Credits.**

The study of psychological variables that influence how well humans interact with machines and artificial environments An examination of cognitive and perceptual limitations will show how machines can be designed to be more efficient and safe Prereq: PS-151  
Minimum grade C.

**PS-381. Capstone: Sem & Lab Human Factors. 3.00 Credits.**

null Prereq: Earn a grade of C or better in PS-210 PS-205  
Coreq: PS-380.

**PS-390. Virtual Reality. 3.00 Credits.**

Virtual reality entails humans interacting with computer generated environments Virtual displays and interactions are increasingly becoming a component of daily life This course will focus on the perceptual and cognitive factors that must be considered when addressing virtual reality technology Prereq: Earn C or better in PS-151.

**PS-391. Capstone: Sem & Lab in Virtual Reality. 3.00 Credits.**

null Prereq: Earn C or better in PS-210 PS-205  
Coreq: PS-390.

**PS-398. Undergrad Psychology Research. 3.00 Credits.**

Readings reports and conferences aimed at preparing the student for independent research under supervision of a staff member.

**PS-410. Psychology of Gender. 3.00 Credits.**

Focus on various tenets of psychological theory as they concern gender issues Topics include the developments of gender identity sexuality parenthood issues in attitudes towards achievement and success and adjustment to changing gender roles Prereq: PS-151  
Minimum grade C.

**PS-420. History and Systems. 3.00 Credits.**

Survey of the origins and historical development of psychology leading to an analysis of main theories and systems Prereq: PS-151  
Minimum grade C.

**PS-430. Industrial-Organizational Psy. 3.00 Credits.**

Study of behavior in organizational and business-related settings Examination of such topics as employee motivation and satisfaction communication patterns effective leadership strategies and organization development Prereq: PS-151  
Minimum grade C.

**PS-431. Capstone: Lab & Sem Industr Org Psych. 3.00 Credits.**

null Prereq: PS-210 PS-205  
Minimum grade C  
Coreq: PS-430.

**PS-433. Stereotypes & Prejudices. 3.00 Credits.**

This course analyzes and reviews psychological theory and empirical research on stereotypes and prejudices Prereq: Earn C or better in PS-151.

**PS-435. Forensic Psychology. 3.00 Credits.**

The application of psychology to the legal and criminal justice systems including psychology and the law incarceration of the mentally ill the psychology of policing competency to stand trial risk assessment psychometric testing evaluation of witness and expert testimony Prereq: PS-151  
Minimum grade C.

**PS-445. Sport Psychology. 3.00 Credits.**

The study of behavior in sport and exercise with a focus on how psychological factors affect physical performance and how sport and exercise affect psychological development health and well-being Prereq: PS-151  
Minimum grade C.

**PS-450. Cross-Cultural Psychology. 3.00 Credits.**

Focuses on the study of human behavior as a result of living in a given culture Topics include bilingualism comparison of personality perceptual and cognitive development in different societies gender roles and special issues in cross-cultural research.

**PS-455. Bio Foundations : Human Sexuality. 3.00 Credits.**

Focuses on the biological foundations of human sexuality Topics include sexual anatomy and physiology human reproduction development dysfunctions therapy and health.

**PS-463. Psychopathology & Film. 3.00 Credits.**

An advanced course in the clinical areas of diagnosis and treatment of mental illness applying the diagnostic and statistical manual (DSM) guidelines to selected films Prereq: PS-151 PS-250 or PS-260 Minimum grade C.

**PS-480. Special Topics in Psychology. 3.00 Credits.**

An advanced exploration of a selected topic in contemporary psychology Prereq: PS-151 minimum grade C.

**PS-481. Capstone: Seminar & Lab St. 3.00 Credits.**

null Prereq: PS-210 PS-205 minimum grade C Coreq: PS-480.

**PS-485. Memory. 3.00 Credits.**

An examination of human memory including major historical theories and a discussion of basic characteristics of various memory systems and how they work Prereq: Earn C or better in PS-151.

**PS-486. Capstone: Lab & Seminar in Memory. 3.00 Credits.**

Laboratory & Seminar in Human Memory Prereq: Earn C or better in PS-210 and PS-205 Coreq: PS-485.

**PS-490. Seminar in Psychology. 3.00 Credits.**

An advanced seminar limited to psychology majors and minors Specific topics to be announced Prereq: PS-151 minimum grade C.

**PS-495. Independent Research. 3.00 Credits.**

Employing the scientific method the student engages in psychological research In collaboration with a faculty member the student designs a research project conducts experiments analyzes data and prepares a lab report or poster Course available on a tutorial basis Prereq: PS-151 minimum grade C.

**RD Courses****RD-001. College Reading Lab. 0.00 Credits.****RD-010. Dynamics of College Reading. 3.00 Credits.**

A program of selected readings vocabulary enrichment and guided study which enables students to develop an effective approach to study by introducing them to selected reading in diverse fields including their major.

**RS Courses****RS-113. Elementary Russian I. 3.00 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. 3.00 Credits.**

An introduction to Russian with attention to listening speaking reading and writing Includes discussion of Russian and Slavic culture and civilization Prereq: RS-113.

**RS-132. Intermediate Russian I. 3.00 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 Prereq: RS-114 or 1-2 years High School Russian or Instructor approval.

**RS-133. Intermediate Russian II. 3.00 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 Prereq: RS-132.

**RS-399. Tutorial. 3.00 Credits.**

Topics: To Be Determined by the Chairperson and the Instructor.

**SE Courses****SE-370. Imprvmt of Reading in Sec Sch. 3.00 Credits.**

The concepts and principles associated with the teaching of reading the diagnosis of disabilities methods and materials employed in the improvement of reading remedial classes and individual case studies.

**SE-400. Principles& Tech of Teaching: Elem& Sec. 3.00 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. High School Curr Organ. 3.00 Credits.**

Historical legal and community factors influencing the secondary school curriculum general curriculum orientation Departmental responsibilities in the area of curriculum Innovative curriculum projects programs for gifted and talented special education and bilingual children.

**SE-495. Student Teaching: Secondary. 8.00 Credits.**

A supervised classroom teaching experience on the secondary level (7-12) including seminar meetings and conferences scheduled prior to and during the student-teaching term Prereq: ED-490 ED-491.

**SE-499. Student Teaching : Secondary. 6.00 Credits.**

null Prereq: ED-490 ED-491.

**SJ Courses****SJ-130. Introduction to Nonviolence. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers including Gandhi Martin Luther King Dorothy Day and many others.

**SJ-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.**

This course will offer students an introduction to lesbian gay bisexual and transgendered studies Along with a focus on the history of this topic as a social movement the course examines the topic from community social justice and lifestyle perspectives.

**SJ-245. Haitians in America. 3.00 Credits.**

Examines the history and experiences in America paying special attention to how and why Haitians come to the US It also explores patterns of settlement and mobility as well as interaction with other groups Prereq: AS-175 AS-177 or SO-121.

**SJ-250. Intro to Social Justice. 3.00 Credits.**

An examination of how racism classism and sexism create barriers to the realization of a more equal and just society with a particular focus on pressing current social justice issues - such as affordable housing health care immigration the prison system war and the environment - and the people that are working to build a better world.

**SJ-269. The Performance of Social Action. 3.00 Credits.**

The core of this class will be practicing the performance of Social Action within the laboratory of the classroom It will be an exploration to find the most effective means of display to bring about transformation of oppressive situations in our communities and in the world.

**SJ-300. Wealth Power & Prestige: Soc/Soc Strat. 3.00 Credits.**

Classic theories and recent research on Social inequality and mobility The linkage of Social class and behavior in education religion politics etc Prereq: SO-121.

**SJ-304. Recent Amer Political Theory. 3.00 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-325. Violence and Social Change. 3.00 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 Prereq: SO-121 or UR-151 or PO-100.

**SJ-326. The Anthropology of Gender. 3.00 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 Prereq: SO-140 or WS-140.

**SJ-327. Community Organizing. 3.00 Credits.**

null Prereq: SO-121 or PO-100 or UR-151.

**SJ-328. Social Work in Urban Systems. 3.00 Credits.**

Focuses on the major social welfare systems in America and the field of social work as the profession charged with implementing social welfare today Prereq: SO-121 or UR-151.

**SJ-351. Issues in the Latino Community. 3.00 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 ie education politics family etc Prereq: SO-121 or UR-151.

**SJ-352. Minority Group Relations. 3.00 Credits.**

A study of the history conditions and contributions of racial minority groups within the United States Special emphasis on developments involving African Americans Hispanics and Asian Americans.

**SJ-368. Health & Inequalities:RaceClass&Gender. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity social class and gender We begin with an overview of epidemiology and the idea of studying health from a sociological perspective We then consider the complex relationship between socio-economic status (class) and health statuses followed by an examination of specific health issues for major racial/ethnic minorities and gender groups We will try to understand how low socioeconomic status leads to poor health how conscious unconscious and institutionalized racial/ gender bias affects medical care and health outcomes and address ideas for reducing health disparities among all groups Prereq: SO-121.

**SJ-385. People & Culture N America: Native Am. 3.00 Credits.**

An examination of the diversity of North American tribes from their migration from Asia to the present Included are comparisons between tribes government policies and recent revival of many groups.

**SJ-411. Nationalism and Revolution. 3.00 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. 3.00 Credits.**

Includes the African and European immigrant experiences in America the effects of slavery and urbanization and the formation of class consciousness Prereq: SO-121 or UR-151 or PO-100.

**SJ-428. The Lit Cult. & Soc Issues: West Africa. 3.00 Credits.**

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

**SJ-486. Sem Political Theory: Genocide. 3.00 Credits.**

After a through conceptualization of genocide the course will examine case studies of modern genocide ranging from the 20th and 21st centuries Students will also be challenged to critique certain academic definitions of genocide and will discuss dehumanization denial and reconciliation Prereq: SO-121 UR-151 OR PO-100.

**SJ-489. International Travel Course. 3.00 Credits.**

null Prereq: SO-121 UR-151 PO-100 OR LS-101.

**SM Courses****SM-201. Adapted Physical Education. 3.00 Credits.**

To develop knowlegde and understanding of how to teach adapted Physical Education Prereq: PE-100.

**SM-228. Intro to Sports Management. 3.00 Credits.**

This course is designed to help participants gain an indepth understanding of the fundamental principles and key skills associated with sports administration and management.

**SM-250. Media Relations in Sports. 3.00 Credits.**

Media and public relations strategies in the sports industry are reviewed Exposure to the use of web publications/multimedia and development Prereq: SM-228.

**SM-251. Finance in the Sports Industry. 3.00 Credits.**

Managerial control in sports organizations is studied Prereq: SM-228 AC-151 EC-101.

**SM-310. Sports Law. 3.00 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 Prereq: BA-228.

**SM-350. Sport Facility Operation & Event Mgmt. 3.00 Credits.**

Planning Organization and Operation of Sport Facilities and management of events Prereq: SM-228.

**SM-410. Legal& Ethical Issue in Sports MGMT. 3.00 Credits.**

A hybrid values course that includes topics in policy development labor movement in sports collective bargaining in sports organizations ethical dilemmas and implications Prereq: SM-228 and TH-120 or PL-101.

**SM-450. The Global Sports Industry. 3.00 Credits.**

The history and issues in sports from a global perspective A pluralistic lens is used to explore the relationship of gender culture and social institutions on sports Prereq: SM-228 PE-103 SO-121.

**SM-499. Internship. 1.00 Credit.**

Field work experience in the areas of Sports Management and/or Health & Physical Education.

## SO Courses

### **SO-121. Introduction to Sociology. 3.00 Credits.**

An examination of Sociology both as a practicing profession and scientific discipline with an introduction to research methods concepts theories and findings about the social world Comparisons are made between Sociology and the other An exploration of the potential relevance of Sociology to the job market is a part of this course.

### **SO-125. Introduction to Social Work. 3.00 Credits.**

Provides students with an introduction to the field of social work Examines the range of opportunities in this career.

### **SO-130. Intro Latin American & Latino Studies. 3.00 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 US-Latin American relations migration colonization historical and contemporary issues.

### **SO-134. Introduction to Sustainability. 3.00 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. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.**

This course will offer students an introduction to lesbian gay bisexual and transgendered studies Along with a focus on the history of this topic as a social movement the course examines the topic from community social justice and lifestyle perspectives.

### **SO-138. Introduction to Nonviolence. 3.00 Credits.**

A study of violence and human nature the theory and practice of nonviolence how conflicts - local and global - can be solved nonviolently and the lives of past and current peacemakers including Gandhi Martin Luther King Dorothy Day and many others.

### **SO-140. Introduction to Women's Studies. 3.00 Credits.**

This interdisciplinary course introduces students to women's studies including its roots in the feminist and civil rights movements and the construction of gender in culture and society giving specific attention to forms of gender inequality in the family workplace religion healthcare and relationships.

### **SO-145. Astro-Archeology. 3.00 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 Dancers of Chaco Canyon the Temple of Heaven and the Starry Vaulted Tomb of Princess Yung T'ai the Kukulkan'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 Prereq: SO-121.

### **SO-150. Social Deviance. 3.00 Credits.**

Explores the concepts of social norms egocentricity and ethnocentricity Examines the relativity of deviance including criminal behavior human sexuality drug use suicide and other alternative forms of behavior.

### **SO-168. Victims in the Criminal Justice System. 3.00 Credits.**

This is a survey course covering contemporary developments in the field of Victimology its conceptual boundaries its basic concepts and literature its subfields and role as a field of study within criminology and criminal justice The historical and emerging roles of Victimology as a field of study are examined and discussed in depth Various aspects of victimizations will be studied including the social psychological financial and other impacts of crime along with direct involvement with the criminal justice system This course also deals with analysis of contemporary programs and trends in the criminal justice system's response to victims Prereq: CJ-165.

### **SO-200. Ethnic and Racial Relations. 3.00 Credits.**

The study of interethnic and interracial relations American and international experiences of immigrant groups majorities minorities dominant cultures and subcultures Prereq: UR-151 or SO-121.

### **SO-208. Sociology of Film. 3.00 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 Prereq: SO-121.

### **SO-210. TV and Society. 3.00 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 Prereq: SO-121.

**SO-224. Black Hair and Identity in America. 3.00 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 Prereq: AS-175 AS-177 SO-121 or UR-151.

**SO-225. Sociology of Consumer Culture. 3.00 Credits.**

null Prereq: SO-121.

**SO-227. The Sociology of Salsa. 3.00 Credits.**

This course combines dance lessons with a sociological exploration of New York/New Jersey's salsa scene Students will learn the fundamentals of salsa music and dance with a focus on rhythm timing musicality and basic steps Lessons are complemented by discussions and origins of the music a 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 Prereq: SO-121 UR-151 or LS-101.

**SO-228. Demographic Trends & Urban Change. 3.00 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 Prereq: SO-121 or UR-151.

**SO-230. Experiencing Social Issues I. 3.00 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 Prereq: SO-121 or UR-151.

**SO-231. Experiencing Social Issues II. 3.00 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 Prereq: SO-121 or UR-151 Coreq: SO-230.

**SO-234. Sociology of Ethnic Cuisine. 3.00 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 Prereq: SO-121 or UR-151.

**SO-236. Families in Urban Settings. 3.00 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 Prereq: SO-121 or UR-151.

**SO-245. Haitians in America. 3.00 Credits.**

Examines the history and experiences in America paying special attention to how and why Haitians come to the US It also explores patterns of settlement and mobility as well as interaction with other groups Prereq: AS-175 or AS-177 or SO-121.

**SO-250. Domestic Violence. 3.00 Credits.****SO-251. Current Social Problems. 3.00 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 Prereq: SO-121 or UR-151.

**SO-253. Social Deviance. 3.00 Credits.**

Explores the concepts of social norms egocentricity and ethnocentricity Examines the relativity of deviance including criminal behavior human sexuality drug use suicide and other alternative forms of behavior.

**SO-254. Sociology of Migration and Immigration. 3.00 Credits.**

Immigration in history patterns of movement immigration and refugees adjustment and resettlement immigration law The needs of immigrants housing employment education medical care Prereq: SO-121 or UR-151.

**SO-255. Personality and Social Interaction. 3.00 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 Prereq: SO-121 or UR-151.

**SO-256. Sociology of Sports. 3.00 Credits.**

This course uses both readings and films to explore the impact of economic and political forces and changing constructions of gender and social values on organized athletics at the professional and amateur levels Prereq: SO-121.



**SO-261. Archeology: Greece & Near East. 3.00 Credits.**

An in-depth introduction into the history and field of archeology of ancient Greece and the Near East  
Prereq: SO-121.

**SO-275. Pre-Columbian Civilizations. 3.00 Credits.**

This course will examine the cultures including their rises and falls of a number of pre-Columbian cultures from archeological and cultural anthropological perspectives Inca Myan Aztec and Others Prereq: SO-121 or LS-101.

**SO-283. The Conspiracy Theory Film. 3.00 Credits.**

The course looks at the themes of conspiracies and paranoia in film and popular culture Students examine how social and political conflicts through the decades have created fears of large-scale corruption in organizations of power and how these fears were translated to the movie screen Prereq: CM-106 CM-117 CM-120.

**SO-284. Cultural Anthropology. 3.00 Credits.**

An analysis of the development of anthropology as an offshoot from Sociology an examination of the differences in the methodology of anthropology and Sociology in the study of a variety of cultures Prereq: SO-121.

**SO-295. Cooperative Education. 3.00 Credits.****SO-299. Counseling Addicted Offender. 3.00 Credits.**

Provides the student with a general understanding of the nature of addiction with special emphasis placed on social and physical roots of abuse Treatment for alcohol heroin cocain and related substances is discussed Emphasizes treatment options for those presently incarcerated.

**SO-300. Wealth Power & Prestige: Soc/Soc Strat. 3.00 Credits.**

Classic Theories and recent research on social inequality and mobility The linkage of class and behavior education in behavior in education religion and politics is an essential part of the course This course utilizes a variety of sociological concepts to examine work as a social institution In addition to the formal analysis offered participants in the course will have the opportunity to examine their own role in the world of work Prereq: SO-121.

**SO-309. Women in Changing Urban World. 3.00 Credits.**

Historical and contemporary examination of urban revolution as social basis for changing roles of women Generation of conflicts and possibilities Implications for society Prereq: SO-121 or UR-151 or SO-140.

**SO-311. Philosophy and Bob Dylan. 3.00 Credits.**

An investigation of the philosophical ethical and cultural themes in Bob Dylan's lyrics Philosophical ideas such as appearance versus reality truth and knowledge and good and evil will be explored through a comprehensive study of Dylan's music Prereq: SO-121.

**SO-313. Human Evolution Ecology and Adaptation. 3.00 Credits.**

This interdisciplinary course focuses on evolutionary adaptations of the human species to nature and ways it has adapted nature to serve its needs These adaptations and their consequences for changes in human ways of life are central to this course Prereq: BI-184 or SO-121.

**SO-320. Urban Legal Issues. 3.00 Credits.**

null Prereq: SO-121 or UR-151.

**SO-326. The Anthropology of Gender. 3.00 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 Prereq: SO-121 or SO-284.

**SO-330. Public Opinion. 3.00 Credits.****SO-332. Contemporary Urban Culture. 3.00 Credits.**

null Prereq: SO-121 or UR-151.

**SO-333. Black Comm & Law. 3.00 Credits.****SO-337. Sociology of Human Sexuality. 3.00 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. 3.00 Credits.**

Marx Durkheim and Weber on religion and Society current resurgence of Islam Catholicism and Judaism around the world Religion in the US: cults and traditional churches Impact of religion on economics education and culture Prereq: SO-121 or UR-151.

**SO-345. Sociology of Intimacy. 3.00 Credits.**

This course will explore sexual scripts the social control of marrying negotiating and bargaining marriage roles the dynamics of family interaction conflict and divorce Prereq: SO-121 or UR-151.

**SO-351. Issues in the Latino Community. 3.00 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 ie education politics family etc Prereq: SO-121 UR-151 or LS-101.

**SO-352. Minority Group Relations. 3.00 Credits.**

A study of the history conditions and contributions of racial minority groups within the United States Special emphasis on developments involving African Americans Hispanics and Asian Americans.

**SO-353. Sociology of the Black Family. 3.00 Credits.**

The black family in historical and contemporary perspectives.

**SO-356. Sex Gender & Identity in Asian-American. 3.00 Credits.**

Sex Gender & Identity in Asian-American Literatures Study of the role of sex and gender in the construction of identity as explored by Asian- American writers.

**SO-360. Intercultural Relations. 3.00 Credits.**

An examination of the influence of cultural factors on human thought emotion and action Theoretical and methodological issues in intercultural relations are reviewed and observational studies conducted Prereq: SO-121 SO-284.

**SO-362. China:people Culture & Society. 3.00 Credits.**

This course will examine both contemporary China and its history Included will be an exploration of the many diverse cultures within the society Prereq: SO-121 SO-284.

**SO-366. Mapping Asian & Latino Bodies. 3.00 Credits.**

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

**SO-368. Health and Inequality. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity social class and gender We begin with an overview of epidemiology and the idea of studying health from a sociological perspective We then consider the complex relationship between socio-economic status (class) and health statuses followed by an examination of specific health issues for major racial/ethnic minorities and gender groups We will try to understand how low socioeconomic status leads to poor health how conscious unconscious and institutionalized racial/ gender bias affects medical care and health outcomes and address ideas for reducing health disparities among all groups Prereq: SO-121.

**SO-369. From Famine to Feast Irish in America. 3.00 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 Prereq: SO-121 or PO-100 or UR-151.

**SO-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots Emphasis on urban life in the New Jersey area with reference to the peoples and cultures in urban environments world-wide Prereq: SO-121 or UR-151.

**SO-371. Ancient Skywatchers of North America. 3.00 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 & En. 3.00 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 Prereq: SO-121.

**SO-380. Sociological Theory. 3.00 Credits.**

Classical themes of Sociology and major theoretical achievements from 1815 to the present Prereq: SO-121.

**SO-381. Investigating & Dealing With Child Abuse. 3.00 Credits.**

null Prereq: CJ-165 Coreq: SO-121.

**SO-385. Pple & Cult Nrth Amer: Nat Amrcns. 3.00 Credits.**

An examination of the diversity of North American tribes from their migration from Asia to the present Included are comparisons between tribes government policies and recent revival of many groups Prereq: SO-121 SO-284.

**SO-389. Latina Research in Action. 3.00 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. 3.00 Credits.**

**SO-410. Managing Cross-Cultural Training Skills. 3.00 Credits.**

Analysis of cross-cultural training techniques developed to improve relations between people of different cultures Resources employed are actual techniques currently used by the US State Department international corporations and international educational organizations Prereq: SO-121.

**SO-412. Ethnicity and Race in Urban History. 3.00 Credits.**

Includes the African and European immigrant experiences in America the effects of slavery and urbanization and the formation of class consciousness Prereq: SO-121 or UR-151.

**SO-415. Managing Cross-Cultural Diversity. 3.00 Credits.**

An examination of the theoretical foundations and development of techniques used to promote organizational individual and intergroup success in a multicultural and multiracial Society.

**SO-417. Detective Fiction. 3.00 Credits.**

A study of major British and American writers of detective fiction Authors include Conan Doyle Agatha Christie Dorothy Sayers P D James Dashiell Hammett Raymond Chandler and Ross McDonald.

**SO-448. Stats in the Social Sciences. 3.00 Credits.**

Descriptive and inferential statistics including measures of central tendency and variability linear correlation and hypothesis testing Prereq: SO-121 SO-380.

**SO-450. Research Techniques: Social Sciences. 3.00 Credits.**

Paradigms theory and research the nature of causation research design conceptualization and measurement operationalization indexes scales and typologies sampling types of Social research: experiments surveys field research unobtrusive research and evaluation research Emphasis on active learning through exercises report writing and student projects Prereq: SO-121 or UR-151 SO-380.

**SO-451. Soc Issues: Pub Pol. 3.00 Credits.****SO-454. Black Films. 3.00 Credits.**

A survey of 20th century film making by and about African-Americans.

**SO-455. Computr in Soc Sci. 3.00 Credits.****SO-465. Vietnam and the U.S.. 3.00 Credits.**

A multidimensional view of the Vietnam era US 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.

**SO-470. Medical Sociology. 3.00 Credits.**

The definition and distribution of disease and sickness the organization and delivery -of health care the conflicts and politics of health Prereq: SO-121 UR-151.

**SO-472. Sociology of the Professions. 3.00 Credits.**

History of the professions: the medieval guilds the nineteenth century and the development of applied science Professions as communities peer evaluation and professional ethics Prereq: SO-121.

**SO-489. Globalization & Fieldwork Sem. 3.00 Credits.**

Short term study/travel course in which students conduct first hand investigations on the effects of globalization in relevant settings Specific area and topics determined at the beginning of the Academic Year Locations change every term Prereq: SO-121 or UR-151 or PO-100.

**SO-492. Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**SO-493. Advanced Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**SO-495. Internshp in Intern'l Settings. 3.00 Credits.**

Planned and supervised off-campus working experiences overseas or with international organizations integrated with independent academic study under the tutelage of the Director of International and Intercultural Studies.

**SO-496. Senior Seminar in Sociology. 3.00 Credits.**

This capstone course ties together the various components in the Sociology Major as well as prepares graduates for the next level Students will develop a synthesis production Should be taken last term senior year Prereq: SO-121 SO-180 SO-345 SO-360 SO-380.

**SO-498. Spec Projects in Sociology I. 3.00 Credits.**

Tutorial courses and reading courses in special areas of sociology May be taken for one or two terms.

**SO-499. Spec Projects in Sociology II. 3.00 Credits.**

Tutorial courses and reading courses in special areas of sociology May be taken for one or two terms.

## SP Courses

### **SP-113. Elementary Spanish I. 3.00 Credits.**

An introduction to the basic grammar and vocabulary of spoken and written Spanish.

### **SP-114. Elementary Spanish II. 3.00 Credits.**

Continued practice in the grammar and vocabulary of spoken and written Spanish.

### **SP-117. Span Hlth Care Professions I. 3.00 Credits.**

Grammar and vocabulary taught through dialogues and situations related to the healthcare professions.

### **SP-118. Span Hlth Care Professions II. 3.00 Credits.**

Further practice in grammar and vocabulary related to the healthcare professions Prereq: SP-117.

### **SP-119. Spanish for Business & Finance I. 3.00 Credits.**

Study of Spanish grammar pronunciation writing and vocabulary with an emphasis on business and financial usage Prereq: SP-114 or 1-2 years High School Spanish or Instructor approval.

### **SP-120. Spanish for Business & Finance II. 3.00 Credits.**

Further study of Spanish grammar pronunciation writing and vocabulary with an emphasis on business and financial usage Prereq: SP-119.

### **SP-127. Intensive Spanish I. 6.00 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 Lit. & Hispanic Heritage I. 3.00 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 Lit. & Hispanic Heritage II. 3.00 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-133. Intermediate Spanish I. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening speaking reading comprehension and writing Practical use of Spanish through dictation oral and written exercises sight-reading and guided conversation Prereq: SP-114 or 1-2 years High School Spanish.

### **SP-134. Intermediate Spanish II. 3.00 Credits.**

Presentation of advanced grammar and vocabulary for improved listening speaking reading comprehension and writing Practical use of Spanish through dictation oral and written exercises sight-reading and guided conversation Prerequisites: 1-2 years of high school Spanish Sp114 or Sp196.

### **SP-135. Interm Spanish for Native Speakers I. 3.00 Credits.**

Provides instruction and practice in the elements of grammar syntax spelling and formal knowledge and use of the language.

### **SP-136. Intermediate Spanish: Native Speakers II. 3.00 Credits.**

Provides instruction and practice in the elements of grammar syntax spelling and formal knowledge and use of the language Prereq: SP-135 or LS-135.

### **SP-195. Spanish: Social Services I. 3.00 Credits.**

Serves social workers police officers medical professionals and those in related fields Basic grammar structures and specialized vocabulary writing exercises conversation and role play Fulfills core language requirement Prereq: SP-114 or 1-2 years High School Spanish or Instructor approval.

### **SP-196. Spanish: Social Services II. 3.00 Credits.**

Serves social workers police officers medical professionals and those in related fields Basic grammar structures and specialized vocabulary writing exercises conversation and role play Fulfills core language requirement Prereq: SP-195.

### **SP-198. Introduction to Literature I. 3.00 Credits.**

A basic introduction to the principal literary genres through readings in Spanish Prereq: SP-114 or 3-4 years High School Spanish or Instructor approval.

### **SP-199. Introduction to Literature II. 3.00 Credits.**

A continued introduction to the principal literary genres through readings in Spanish.

### **SP-243. Survey: Literature of Spain I. 3.00 Credits.**

Origins and evolution of literature from xarcbas to contemporary works Required for Spanish majors and minors Taught in Spanish Prereq: SP-134 or SP-136 or Instructor approval.

### **SP-244. Survey: Literature of Spain II. 3.00 Credits.**

Origins and evolution of literature from xarcbas to contemporary works Required for Spanish majors and minors Taught in Spanish Prereq: SP-243 or Instructor approval.

### **SP-245. Hispanic American Literature I. 3.00 Credits.**

Development of Hispanic-American literature from its origins through the 18th century Prereq: SP-134 or SP-136 or Instructor approval.

**SP-246. Hispanic-American Lit. II. 3.00 Credits.**

Development of Hispanic-American literature from the 19th century to the present Prereq: SP-245 or Instructor approval.

**SP-248. Spanish Cultural Hist in Film. 3.00 Credits.**

Examination of the rich cultural history of Spain as it has been presented through film Prereq: SP-134 or SP-136 or Instructor approval.

**SP-249. Cultural Geography of Hispanic America. 3.00 Credits.**

A study through readings and video of the history culture and societal aspects of the Spanish-speaking countries of Latin America Taught in Spanish Prereq: SP-134 or SP-136 or Instructor approval.

**SP-250. Spanish Conversation I. 3.00 Credits.**

Intensive practice in Spanish conversation through discussion of interesting topics as well as review of critical grammatical structures and vocabulary to facilitate effective expression Prereq: SP-134 or Instructor approval.

**SP-251. Spanish Conversation II. 3.00 Credits.**

Intensive practice in Spanish conversation through discussion of interesting topics as well as review of critical grammatical structures and vocabulary to facilitate effective expression Prereq: SP-250 or Instructor approval.

**SP-260. Practical Writing. 3.00 Credits.**

Practice in written expression in Spanish for everyday functioning in Spanish Prereq: SP-134 or SP-136 or Instructor approval.

**SP-261. Spanish Composition. 3.00 Credits.**

Elements of basic written expression in Spanish Grammar syntax and basic stylistics Taught in Spanish Prereq: SP-134 or SP-136 or Instructor approval.

**SP-265. Social Justice in Latin American Film. 3.00 Credits.**

Analysis of film viewed politically and socially as a mediator of the dynamics of tradition and change in Latin America Prereq: SP-134 or SP-136 or Instructor approval.

**SP-290. Advanced Grammar & Composition. 3.00 Credits.**

An in-depth study of the finer points of Spanish grammar and their application in stylistics Prereq: SP-134 or SP-136 or Instructor approval.

**SP-300. Medieval Literature in Spain. 3.00 Credits.**

Development of Medieval Spanish literature from the jarchas to La Celestina Prereq: SP-134 or SP-136 or Instructor approval.

**SP-301. Lit.: Siglos de Oro of Spain. 3.00 Credits.**

Analysis of representative texts from the principle authors and genres of the Spanish Golden Age Prereq: SP-134 or SP-136 or Instructor approval.

**SP-305. Spanish Novel Into Film. 3.00 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 Prereq: SP-134 or SP-136 or Instructor approval.

**SP-310. Spanish Novel of the 19th Century. 3.00 Credits.**

Study of the major novelists of 19th-century Spain including Pardo Bazan Blasco Ibanez and Galdos Prereq: SP-134 or SP-136 or Instructor approval.

**SP-312. The Generation of 1898. 3.00 Credits.**

Ganivet Unamuno and other writers of the Generation of 1898 Taught in Spanish Prereq: SP-134 or SP-136 or Instructor approval.

**SP-315. Aspects of Spanish Drama. 3.00 Credits.**

Survey of the development of Spanish drama from its origins through the twentieth century Prereq: SP-134 or SP-136 or Instructor approval.

**SP-320. Marco Polo & the Silk Road. 3.00 Credits.**

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

**SP-335. Hispanic Literature of the Philippines. 3.00 Credits.**

Survey of major authors works and movements of hispanic literature produced by Filipinos Prereq: SP-134 or SP-136 or Instructor approval.

**SP-352. Short Story: Spain & Hisp-America. 3.00 Credits.**

A study and analysis of nineteenth and twentieth century masterpieces of peninsular short narrative Taught in Spanish Prereq: SP-134 or SP-136 or Instructor approval.

**SP-353. 20th Cent Lit : Sem in the Isms. 3.00 Credits.**

The period of the Avant-garde Magic Realism and the development of Hispanic-American literature from 1905-1940 Prereq: SP-134 or SP-136 or Instructor approval.

**SP-354. The Art of Rhetoric. 3.00 Credits.**

Practice in public speaking in Spanish enhanced through careful analysis of the theory and masterpieces of the rhetorical art in the Hispanic tradition Prereq: SP-134 or SP-136 or Instructor approval.

**SP-355. Seminar: Lit. of the Boom. 3.00 Credits.**

Analysis of several of the representative texts of the explosion of Hispanic-American literary production onto the world market in their literary historical and cultural contexts Prereq: SP-134 or SP-136 or Instructor approval.

**SP-356. Novel of the Cuban Revolution. 3.00 Credits.**

Study of representative novelists of the Cuban revolution including Sarduy Pinera and Arenas Prereq: SP-134 or SP-136 or Instructor approval.

**SP-357. Lit & Politics : Hisp-America. 3.00 Credits.**

Analysis of the expression of political ideologies in Hispanic America in and through literature of various genres Nation-building and statecraft Prereq: SP-134 or SP-136 or Instructor approval.

**SP-358. Sex & Gender: Hispanic Lit.. 3.00 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 Prereq: SP-134 or SP-136 or Instructors Approval.

**SP-376. Spanish Drama of the 20th Cent. 3.00 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 Prereq: SP-134 or SP-136 or Instructor approval.

**SP-378. Spanish Drama. 3.00 Credits.**

null Prereq: SP-134 or SP-136 or Instructor approval.

**SP-379. Twentieth-Century Poetry. 3.00 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 Prereq: SP-134 or SP-136 or Instructor approval.

**SP-380. The 20th Century Spanish Novel. 3.00 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 Prereq: SP-134 or SP-136 or Instructor approval.

**SP-390. Spanish for Business. 3.00 Credits.**

Specialized and technical vocabulary and situations relating to the Hispanic commercial world Prereq: SP-134 or SP-136 or Instructor approval.

**SP-391. Spanish Translation. 3.00 Credits.**

Study of theories of translation and extensive practice in translation from Spanish to English and English to Spanish Prereq: SP-134 or SP-136 or Instructor approval.

**SP-392. Caribbean Literature. 3.00 Credits.**

This course will explore aspects of Caribbean literature in Spanish from Puerto Rico Cuba and the Dominican Republic Readings will include essays short stories poems and novels from the Encounter to the present Taught in Spanish Prereq: SP-134 or SP-136 or Instructor approval.

**SP-399. Tutorial. 3.00 Credits.**

Topics: To Be Determined by Chairperson and Instructor.

**SP-400. Spanish Literature of the Philippines. 3.00 Credits.**

A survey of the literature of the Philippines written in Spanish this course will explore the nation's Spanish heritage in its aesthetic and sociohistorical context Prereq: SP-134 or SP-136 or Instructor approval.

**SP-482. The Poema de Mio Cid. 3.00 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 Prereq: SP-134 or SP-136 or Instructor approval.

**SP-490. Seminar: Don Quijote. 3.00 Credits.**

Readings research and analysis of Cervantes' novel in its socio-cultural political and aesthetic contexts Prereq: SP-134 or SP-136 or Instructor approval.

**SP-492. Josi Marti and Modernismo. 3.00 Credits.**

Critical reading of the works of Marti and the Modernistas with particular attention given to the movement's aesthetic innovations Prereq: SP-134 or SP-136 or Instructor approval.

**SP-493. Hispanic Experience in the U. S.. 3.00 Credits.**

Study of the heritage and identity of Hispanics in the US especially as these are expressed in and through literary texts Prereq: SP-134 or SP-136 or Instructor approval.

**SP-494. Seminar: Medieval Prose. 3.00 Credits.**

Survey of the origins and development of Spanish Medieval prose works in their socio-political cultural and aesthetic contexts Prereq: SP-134 or SP-136 or Instructor approval.

**SP-495. Libro de Buen Amor & La Celestina. 3.00 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 Prereq: SP-134 or SP-136 or Instructor approval.

**SP-496. Survey of U. S. Latino Literature I. 3.00 Credits.**

Study of the major authors and works of US Latino literature from its origins through the mid-twentieth century Prereq: SP-134 or SP-136 or Instructor approval.

## TAKE Courses

**TAKE-001. Take CM 001. 0.00 Credits.**

**TAKE-010. Take RD 010. 0.00 Credits.**

**TAKE-104. Take CM 104. 0.00 Credits.**

**TAKE-106. Take CM 106. 0.00 Credits.**

**TAKE-108. Take CM 108. 0.00 Credits.**

**TAKE-120. Take CM 120/118. 0.00 Credits.**

## TG Courses

**TG-113. Elementary Tagalog I. 3.00 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. 3.00 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.

## TH Courses

**TH-110. Religious Faith in the Modern World. 3.00 Credits.**

A critical inquiry into the possibility the meaning and the value of religious faith in the context of modern knowledge and experience centered on the biblical and Christian vision of existence but including dialogue with other world views Emphasis is on the emerging new forms of religious belief and action in the contemporary world.

**TH-117. Seminar in Theology. 3.00 Credits.**

Problem-oriented approach to theological issues both past and present focused on the various religious experiences of man (Substitutes for Th110).

**TH-118. Seminar in Theology. 3.00 Credits.**

Problem-oriented approach to theological issues both past and present focused on the various religious experiences of man (Substitutes for Th120).

**TH-120. Christianity in the Contemporary Era. 3.00 Credits.**

A critical reflection on the meaning of the Christian faith as it is set forth in the New Testament as it is found in the living tradition of the Church as it is reflected on by modern thinkers and as it bears on the issues of our time.

**TH-122. Pilgrimage in the City. 3.00 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 Prereq: TH-110.

**TH-239. Propaganda: A Tale of Two Romes. 3.00 Credits.**

Examination of the use of Christianity in Roman Propaganda in Art Literature Architecture and Geography Includes study of basic Italian and required trip to Rome Prereq: HP-117/118 or Th-110/120.

**TH-300. Methods and Sources of Theology. 3.00 Credits.**

An inquiry into the relationship between faith and reason modern methods of analyzing and interpreting Scripture and the role of experience tradition the Magisterium and the human sciences in theology.

**TH-301. Mod Christian Comm: the Church. 3.00 Credits.**

A study of the origin importance significance and activities of the Body of Christ for the disciples of Jesus in his time and our own Special attention given to different images and structures of the Church and contemporary ecclesial issues.

**TH-310. The Theology of Grace. 3.00 Credits.**

The Christian understanding of God's saving activity as gratuitous transforming and empowering The insights of formative thinkers of past and present Applications to issues facing the Christian today.

**TH-320. Survey of the Old Testament. 3.00 Credits.**

A survey of the Old Testament literature with attention to its literary forms its history and its religious message.

**TH-330. Survey of the New Testament. 3.00 Credits.**

Reading of the New Testament literature with attention to literary forms historical development and theological content.

**TH-350. Who Is Jesus Christ?. 3.00 Credits.**

A study of the person and significance of Jesus Christ for contemporary Christians in light of Scripture Catholic Tradition the Magisterium and contemporary theologians.

**TH-399. Tutorial. 3.00 Credits.**

**TH-400. The Ethical Challenge of Jesus. 3.00 Credits.**

The ethical teachings of Jesus especially as seen in his parables How they were applied to difficulties encountered by the early Church and how they might be brought to bear on problems of our own time.

**TH-415. Paul's Gospel for the Nations. 3.00 Credits.**

Key themes in Pauline theology studied in his main writings against the background of what Luke presents in Acts 9-28 Focus on eschatology ministry community and justification by faith.

**TH-416. Christian Chall of Luke Acts. 3.00 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.

**TH-430. Jerusalem: King David to Caliph 'Umar. 3.00 Credits.**

This course will explore the significance of Jerusalem for Jews and Christians from the time of King David c 1000 BCE to its takeover by the Muslims under Caliph 'Umar in 638 CE.

**TH-436. The Christian Sacraments. 3.00 Credits.**

A critical study of the historical development of the Christian sacraments as vital signs and peak moments in the life of the Christian people Prereq: TH-110 TH-120 or HP-117 HP-118.

**TH-443. Black Theology. 3.00 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.

**TH-444. Relig Story of the Amer People. 3.00 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.

**TH-450. Faith and Thought of Judaism. 3.00 Credits.**

A study of the religious vision and the intellectual perceptions of Judaism seen in their origins and in their historical development.

**TH-453. The Zen Spirit. 3.00 Credits.**

Chinese and Japanese Buddhist scriptures Application of Zen to modern American life Integration of Zen and Christianity The practice of zazen All to be explored under the guidance of a Soto Zen Sensei (Teacher).

**TH-463. Intro to Holocaust Studies. 3.00 Credits.**

An approach to remembering the Jewish Holocaust under European Fascism 1933-45 from the perspectives of church and political history theological ethics and the social and behavioral sciences.

**TH-470. Towards a Christian Theol of Personalism. 3.00 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.

**TH-473. Religion and Psychology. 3.00 Credits.**

The impact on religion and religious belief of modern psychological theories.

**TH-476. The Use and Abuse of Creation. 3.00 Credits.**

A study of the relationships between humanity and nature in view of the ecological crisis focusing on an examination of philosophical religious and pragmatic considerations which would lead to an ethic of environmental responsibility.

**TH-477. Values: Christian Spirituality. 3.00 Credits.**

An examination of Christian spiritual values though the study of the varieties of mystical experiences and methods of prayer/meditation that exist in the Christian Traditions Great writers of the past will be read in translation and discussed.

**TH-481. A Theology of Human Sexuality. 3.00 Credits.**

Human sexuality as seen in the light of Biblical teaching an 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.

**TH-482. Christian Morality Today. 3.00 Credits.**

Principles and issues of individual and social morality from the viewpoint of reason and faith.

**TH-484. Christian Medical Ethics. 3.00 Credits.**

Contemporary questions such as abortion sterilization technological reproduction human experimentation care of the dying and genetic engineering studied in the light of the Judaeo-Christian moral tradition.

**TH-486. Morality in the Marketplace. 3.00 Credits.**

An attempt to apply Judaeo-Christian principles to the decision-making process in business given the economic realities of the market place.

**TH-487. Theology of Social and Racial Justice. 3.00 Credits.**

Study of major contemporary Christian documents particularly regarding economics and poverty administration of criminal justice cause and responses to racism.

**TH-489. International Travel Course. 3.00 Credits.**  
null Prereq: TH-110 TH-120.



**TH-496. Theology and Urban Problems. 3.00 Credits.**

A theological view of the Christian tradition on various contemporary urban problems such as poverty injustice racism sexism housing an employment a study of some actual and possible responses to these problems.

**TH-497. St Augustine & the Confessions. 3.00 Credits.**

Background sources reading and interpretation of this classic work in the context of Augustine's culture and theology.

**TH-498. Seminar on Death and Dying. 3.00 Credits.**

A multi-disciplinary study of the experience of dying as shaped by contemporary attitudes Theological reflection on the perennial mystery of death with special attention to the adolescent myth of immortality and ethical issues surrounding death and dying.

**TH-499. Theo and Cont Public Issues. 3.00 Credits.**

Deals with the theological implications of various contemporary environmental and ecological issues: nuclear energy pollution nutrition world hunger genetics No prerequisites.

**TU Courses****TU-015. I.S.E.P.. 15.00 Credits.****TU-090. Washington Center Internship. 9.00 Credits.****TU-120. Washington Center Internship. 12.00 Credits.****TU-150. Washington Center Internship. 15.00 Credits.****TU-190. Study Abroad. 15.00 Credits.****UR Courses****UR-125. Intro Social Work. 3.00 Credits.**

Provides students with an introduction to the field of social work Examines the range of opportunities in this career.

**UR-126. Intro Public Policy Social Act. 3.00 Credits.**

This course is an introduction to the public policy and will answer the following questions: What is public policy? Who makes public policy? What impact does public policy have on our lives? The course examines the relationship between public policy and social action.

**UR-134. Introduction to Sustainability. 3.00 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-151. The Contemporary City. 3.00 Credits.**

Basic Urban Studies Course Historical development of urbanization and industrialization in America Problems of urban development including housing environment crime race ethnicity and class.

**UR-152. Methods of Urban Communication. 3.00 Credits.**

A workshop in communication skills especially geared to the needs of social service and public sector workers.

**UR-201. Contemporary Social Ideas. 3.00 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 Prereq: UR-151.

**UR-202. Urban Music: Jazz to Hip-Hop. 3.00 Credits.**

This course studies the history of urban music from jazz to rock and roll up to today's urban sounds The course will concentrate both on the music and its socioeconomic impact on the urban landscape Prereq: SO-121 or UR-151.

**UR-220. Urban Architecture & Design. 3.00 Credits.**

Using the city as a laboratory the class will investigate the various shapes that form and have formed the urban environment.

**UR-224. Black Hair and Identity in America. 3.00 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 Prereq: SO-121 or UR-151.

**UR-228. Demographic Trends & Urban Change. 3.00 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 Prereq: SO-121 OR UR-151.

**UR-236. Families in Urban Settings. 3.00 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 Prereq: SO-121 or UR-151.

**UR-237. Urban Economic Problems. 3.00 Credits.****UR-300. Wealth Power & Prestige: Soc/Soc Strat. 3.00 Credits.**

Classic Theories and recent research on social inequality and mobility The linkage of class and behavior education in behavior in education religion and politics is an essential part of the course This course utilizes a variety of sociological concepts to examine work as a social institution In addition to the formal analysis offered participants in the course will have the opportunity to examine their own role in the world of work Prereq: SO-121.

**UR-305. Global Cities Theory Practice. 3.00 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 Prereq: UR-151 OR SO-121.

**UR-307. Roots of Urban Politics. 3.00 Credits.**

An examination of the historic development of political forms and organizational structures in cities including machine reform ethnic and class politics Prereq: UR-151.

**UR-308. Analysis of Urban Underclass. 3.00 Credits.**

Analysis of the processes leading to formation of socio-economic classes in the urban context including the role of income wealth occupation education ethnicity and race Prereq: UR-151 or SO-121.

**UR-309. Women in Changing Urban World. 3.00 Credits.**

Historical and contemporary examination of urban revolution as social basis for changing roles of women Generation of conflicts and possibilities Implications for society Prereq: UR-151 or SO-121.

**UR-310. American Utopias. 3.00 Credits.**

The Utopian ideal from ancient times to the present emphasizing the urban strand study of urban communities past and present workplace ownership land trusts co-ops and garden cities Prereq: UR-151 or SO-121.

**UR-311. Strategies for Urban Change. 3.00 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 Prereq: UR-151.

**UR-312. Media and Urban Environment. 3.00 Credits.**

Effect of mass media on the urban environment Emphasis on television film radio and journalism Impact of new electronic media including computers.

**UR-313. Business and the City. 3.00 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.

**UR-315. Computers for Public Policy. 3.00 Credits.**

Course designed to give public sector workers computer literacy with special emphasis on word processing spreadsheet analysis computer graphics etc.

**UR-320. Urban Legal Issues. 3.00 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 Prereq: SO-121 or UR-151.

**UR-324. Poverty & Inequality. 3.00 Credits.**

Description and analysis of the causes characteristics and consequences of poverty Links between poverty and inequality Measurement of the different dimensions of poverty and inequality Comparative analysis of poverty and inequality across countries Poverty reduction policies and strategies Prereq: EC-101 EC-102.

**UR-325. Violence and Social Change. 3.00 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 Prereq: UR-151 or SO-121.

**UR-326. Community Organization. 3.00 Credits.**

This course examines community organizing in terms of what it is its impact and the obstacles to change The course focused on how to bring groups together for collective change Prereq: UR-151 or SO-121.

**UR-328. Social Work in Urban Systems. 3.00 Credits.**

Focuses on the major social welfare systems in America and the field of social work as the profession charged with implementing social welfare today Prereq: SO-121 OR UR-151.

**UR-330. Urban Neighborhoods. 3.00 Credits.**

An examination of the ecology of neighborhoods: the neighborhood as a social and political unit urban planning and the neighborhood movement community organization.

**UR-331. Issues/Forces Shap Urb Areas. 3.00 Credits.**

An historical examination of the economic social and demographic forces which have shaped American cities with emphasis on older industrial cities Prereq: UR-151.

**UR-332. Contemporary Urban Cultures. 3.00 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 Prereq: SO-121 or UR-151.

**UR-333. Black Community and the Law. 3.00 Credits.**

An examination of the role of the American legal process in African American history from 1619 to the present with concentration on laws and their application during the slavery and post-slavery era the early and mid 1900's and in modern rural and urban life Topics include civil rights constitutional property and criminal law.

**UR-334. Foodscapes: Urban Encounters. 3.00 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 Prereq: SO-121 or UR-151.

**UR-351. Issues in the Latino Community. 3.00 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 ie education politics family etc Prereq: SO-121 or UR-151.

**UR-352. Minority Relations. 3.00 Credits.****UR-353. Black Family. 3.00 Credits.****UR-370. Urban Anthropology. 3.00 Credits.**

An exploration of the emergence of urban culture in its present form from its neolithic roots Emphasis on urban life in the New Jersey area with reference to the peoples and cultures in urban environments world-wide Prereq: SO-121 or UR-151.

**UR-396. Env.& Pub Pol Dec. 3.00 Credits.****UR-399. Tutorial. 3.00 Credits.****UR-409. Young People Planning and the City. 3.00 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 Prereq: UR-151 or SO-121.

**UR-410. Managing Cross-Cultural Training Skills. 3.00 Credits.**

Analysis of cross-cultural training techniques developed to improve relations between people of different cultures Resources employed are actual techniques currently used by the US State Department international corporations and international educational organizations.

**UR-412. Ethnicity and Race in Urban History. 3.00 Credits.**

Includes the African and European immigrant experiences in America the effects of slavery and urbanization and the formation of class consciousness Prereq: SO-121 or UR-151.

**UR-413. Dynamics of Urban Development. 3.00 Credits.**

Focuses on various aspects of urban living: housing neighborhood movements the future of the city.

**UR-414. Urban Institutional Analysis. 3.00 Credits.**

Analysis of major institutions in the urban setting: education housing health care Includes a history and current development of the institution analysis of the quality of services and analysis of the possibilities for reform.

**UR-428. The Lit. Cult.& Soc. Issues: West Africa. 3.00 Credits.**

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

**UR-450. Research Tech: Social Sciences. 3.00 Credits.**

Paradigms theory and research the nature of causation research design conceptualization and measurement operationalization indexes scales and typologies sampling types of Social research: experiments surveys field research unobtrusive research and evaluation research Emphasis on active learning through exercises report writing and student projects Prereq: SO-121 or UR-151.

**UR-451. Soc Issues in Pub Policy I. 3.00 Credits.**

An historical examination of social forces and responses particularly at the grassroots level which have contributed to our present institutional arrangements Particular emphasis is given to the effect of social forces on public policy.

**UR-452. Soc Issues in Pub Policy II. 3.00 Credits.**

An investigation of public policy issues affecting constituencies in need of social services such as older citizens the homeless and those inadequately housed and those in need of medical care.

**UR-460. The US Civil Rights Movement. 3.00 Credits.**

Analysis of the origins processes and outcomes of the twentieth century black American Civil Rights struggle.

**UR-465. Vietnam and the U.S.. 3.00 Credits.**

A multidimensional view of the Vietnam era US 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.

**UR-466. Models of Pub Sec Acctbility. 3.00 Credits.**

Analysis of traditional assumptions about accountability of public agencies at federal state and local levels Review of methods developed to generate autonomy from political or consumer accountability.

**UR-481. Senior Thesis Workshop I. 3.00 Credits.**

Assists students in the formation of appropriate topics and of research methods for the preparation of a thesis.

**UR-482. Senior Thesis Workshop II. 3.00 Credits.**

Assists students in the formation of appropriate topics and of research methods for the preparation of a thesis.

**UR-487. Senior Thesis. 3.00 Credits.****UR-489. Globalization & Fieldwork Sem. 3.00 Credits.****UR-490. Urban Field Work. 3.00 Credits.**

Introductory level of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**UR-491. Advanced Urban Field Work. 3.00 Credits.**

Advanced level of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**UR-492. Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**UR-493. Advanced Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**UR-498. Special Topics. 3.00 Credits.****UR-499. Theo and Cont Public Issues. 3.00 Credits.**

Deals with the theological implications of various contemporary environmental and ecological issues: nuclear energy pollution nutrition world hunger genetics.

**WS Courses****WS-136. Intro Lesbian Gay Bisexual Transgendered. 3.00 Credits.**

This course will offer students an introduction to lesbian gay bisexual and transgendered studies Along with a focus on the history of this topic as a social movement the course examines the topic from community social justice and lifestyle perspectives.

**WS-140. Intro to Women Studies. 3.00 Credits.**

This interdisciplinary course introduces students to women's studies including its roots in the feminist and civil rights movements and the construction of gender in culture and society giving specific attention to forms of gender inequality in the family workplace religion healthcare and relationships.

**WS-170. Marriage and Family. 3.00 Credits.**

Examination of the dynamics and functioning of family systems (forming relationships communication marriages sexuality child raising cross-generational interactions possible estrangements the influences of gender and culture and family therapy) through lecture discussion and class participation.

**WS-202. History of Feminist Thought. 3.00 Credits.**

This course introduces students to the history of feminist ideas that have focused on analysis to explain gender inequality Includes legacy of western feminists Prereq: SO-140 or WS-140.

**WS-227. Sociology of Salsa. 3.00 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-244. Women in Film. 3.00 Credits.**

This course explores 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 Prereq: CM-115 CM-116 CM-117 CM-119 CM-120 or HP-122.

**WS-285. Gender & Communication. 3.00 Credits.**

This course is an introduction to the field of study of communications and gender The objective is the explanation observation discussion and understanding of gender and how it affects communication at the personal group organization and societal levels and how gender is portrayed in our culture through digital technology and the mass media.

**WS-310. Feminist Political Theory. 3.00 Credits.**

Historical overview of feminist political activity in the United States and an analysis of feminist theory: liberal feminism Marxist feminism radical feminism and post-modern feminism.

**WS-326. The Anthropology of Gender. 3.00 Credits.**

This course is a cross cultural comparative and historical examination of the different constructions of gender (masculinity and feminism) and how gender has shaped the perspectives methods and subject matter of anthropology's four fields Prereq: SO-140 or WS-140.

**WS-340. Feminist Philosophy. 3.00 Credits.**

This class will investigate trends in feminist philosophy with close attention given to the influence of gender considerations on philosophical theory Topics for discussion include feminist epistemology and political theory and patriarchy This class is a Values course Prereq: PL-100 PL-101.

**WS-345. Sociology of Intimacy. 3.00 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 Prereq: SO-121 or UR-151.

**WS-350. Women in Modern History. 3.00 Credits.**

This course examines the roles of European women and the interpretation of the materials on gender from 1600 to the present Modern Non-Western and Thematic History.

**WS-356. Sex Gender & Identity in Asian-American. 3.00 Credits.**

This course examines the role of sex and gender in the construction of identity as explored by Asian-American writers.

**WS-366. Mapping Asian & Latino Bodies. 3.00 Credits.**

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

**WS-368. Health & Inequalities:RaceClass&Gender. 3.00 Credits.**

This course critically examines the relationship between health status and social inequalities along the lines of race and ethnicity social class and gender from a sociological perspective concentrating on how low socioeconomic status leads to poor health how racial/gender bias affects medical care and health outcomes and addresses ideas for reducing health disparities Prereq: SO-121.

**WS-399. Special Topics. 3.00 Credits.****WS-425. Women in Art. 3.00 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-453. Women in American History. 3.00 Credits.**

This course will cover the history of American women from the colonies to second-wave feminism of the 1960's and 1970's and beyond Prereq: HS-231 HS-232.

**WS-455. Biological Foundations in Humansexuality. 3.00 Credits.**

This course focuses on the biological foundations of human sexuality Topics include sexual anatomy and physiology human reproduction development dysfunctions therapy and health Prereq: PS-151.

**WS-490. Urban Field Work. 3.00 Credits.**

Introductory level of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**WS-491. Advanced Urban Field Work. 3.00 Credits.**

Advanced level of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**WS-492. Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**WS-493. Advanced Urban Internship. 3.00 Credits.**

Advanced levels of field work emphasizing synthesis of social theories with work experience Seminars held and an evaluation paper required.

**WS-495. Internshp in Intern'l Settings. 3.00**

**Credits.**

Planned and supervised off-campus working experiences overseas or with international organizations integrated with independent academic study under the tutelage of the Director of International and intercultural Studies.

**WS-498. Sem: Political Poetry & Music. 3.00**

**Credits.**

This course considers the relationship between aesthetics and political philosophy Political themes flowing through poetry and music analyzed both in terms of their message and medium Prereq: PO-100.

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