

2005

Undergraduate Catalogue 2005-2007

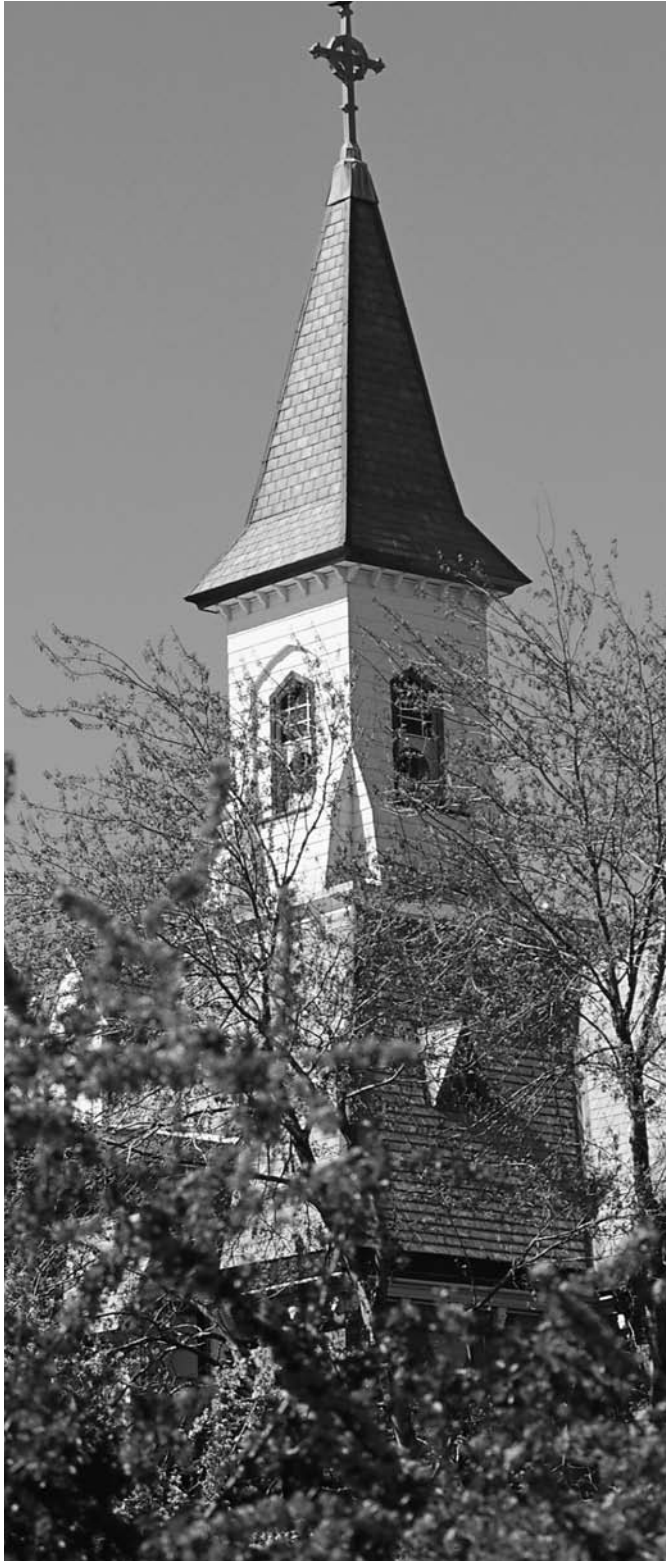
Seton Hall University

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Undergraduate Catalogue 2005-07



Seton Hall University

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Produced by the Seton Hall University Office of the Provost in conjunction with the Department of Public Relations and Marketing.

The information presented in this catalogue is current as of May 2005. While this catalogue was prepared on the basis of updated and current information available at the time, the University reserves the right to make changes, as certain circumstances require. Please visit our Web site for your convenience at www.shu.edu

All of Seton Hall University's programs and policies are consistent with our mission and are carried out in accordance with the teachings of the Catholic Church and the proscriptions of the law.

The University supports and implements all state and federal anti-discrimination laws, including Executive Order 11246, as amended, which prohibits discrimination in employment by institutions with federal contracts; Titles VI and VII of the 1964 Civil Rights Act, which prohibit discrimination against students and all employees on the basis of race, color, religion, national origin or sex; Title IX of the Education Amendments of 1972, which prohibits discrimination against students and all employees on the basis of sex; Sections 503 and 504 of the Rehabilitation Act of 1973, which require affirmative action to employ and advance in employment qualified disabled veterans of the Vietnam Era; the Equal Pay Act of 1963, which prohibits discrimination in salaries, the Age Discrimination in Employment Acts of 1967 and 1975, which prohibit discrimination on the basis of age and; the Americans with Disabilities Act of 1990, which prohibits discrimination on the basis of disability.

Seton Hall University is committed to programs of equal employment opportunity and affirmative action (EEO/AA). No person may be denied employment or related benefits or admission to the University or to any of its programs or activities, either academic or nonacademic, curricular or extracurricular, because of race, color, religion, age, national origin, gender, sexual orientation, handicap and disability, or veteran's status. All executives, administrators, faculty and managers—both academic and administrative—are responsible for individual and unit support of Seton Hall University's EEO/AA programs. EEO/AA policies are to be applied in all decisions regarding hiring, promotion, retention, tenure, compensation, benefits, layoffs, academic programs, and social and recreational programs.

Mr. Richard Hill, senior human resources generalist, is the University's equal employment opportunity/affirmative action officer who is responsible for providing information regarding the provisions of the laws and regulations referenced in the preceding paragraphs and their applicability to the services, programs and activities offered by the University. Mr. Hill is located in the Department of Human Resources in the lower level of Presidents Hall and may be contacted via e-mail at hillrich@shu.edu or by telephone at (973) 761-9284. Mr. James Gillson is the University compliance officer who is responsible for providing information regarding sexual harassment and racial and/or ethnic discrimination, as well as protocols for the investigation of complaints in those areas. Mr. Gillson is located in Presidents Hall and may be contacted via e-mail at gillsoja@shu.edu or by telephone at (973) 313-6132.

To contact Enrollment Services for further information and inquiry, call, toll free, 1-800-THE-HALL (843-4255). Information sessions are available, please call for an appointment.

Other offices may be reached via the University switchboard at (973) 761-9000.

Address to write for information: Enrollment Services - Bayley Hall, Seton Hall University, 400 South Orange Avenue, South Orange, NJ 07079.

Note: University policy indicates that the provost is responsible for the decision regarding partial or complete suspension of classes on campus and any substantial delayed opening of University operations. When classes are canceled, the University is closed except for essential services. Information regarding suspension of classes and/or University operations will be made available via voice mail and aired by the following radio stations: WSOU (89.5 FM), WMGQ (93.3 FM), WKXW (101.5 FM), WBUD (1260 AM), WCTC (1450 AM), WINS (1010 AM) and WOR (710 AM). Resident students should call their voice mail.

Commuter students and those not on voice mail should call (973) 761-9000. Every effort will be made to have emergency closing information available by 6 a.m.



From the President

Saint Elizabeth Ann Seton, from whom our University takes its name, lived and breathed a lifelong commitment to education. As a visionary and principal architect of our country's parochial school system, her deepest and most dearly held conviction was to form responsible citizens capable of bringing to society the wisdom, knowledge, competence and integrity it so desperately needs, then as now. Today we use the term "servant leader" to encapsulate our commitment to that same concept.

"It has been the only desire of my soul to know the Truth," Mother Seton once wrote, nearly two centuries ago. As our University prepares, starting this year, to celebrate its Sesquicentennial – 150 years of service to you, the students, who are the most important members of our community – I can say without hesitation that our desire remains the same: The courses contained in this catalog have as their ultimate goal that truth which our patroness sought with her whole heart, mind and strength.

Truth in all its wonderfully rich and varied aspects, theological and scientific, philosophical and literary, is the stated aim and essential characteristic of a Seton Hall education which seeks to form servant leaders willing and able to give something of lasting value to the society in which they live and work.

Please keep this in mind as you glance through the pages of this catalogue and prepare for the academic year. In selecting your courses, know that you are embarking on a great adventure and following thousands who have gone before you, each pursuing that truth which alone sets us free.

Godspeed on this, one of the greatest adventures of your life!

Monsignor Robert Sheeran
President
Seton Hall University



From the Provost



As you consult the Seton Hall University Catalogue for information regarding admissions, programs, degrees, etc., I suggest that you keep in mind, as well as take to heart, the passage from the University Vision Statement, found at the bottom of this page. This passage highlights Seton Hall University's unique and noble focus on leadership. This focus on "educating students to be servant leaders in a global society" reflects the elements of Seton Hall's tripartite identity, which consists in, first, the Catholic intellectual tradition; second, the heritage of the liberal arts and sciences; and third, professional training.

The model of the servant leader is the thread that runs through and binds these three components of Seton Hall's identity. Servant leaders are precisely what is required in our ever-more interconnected world, in which issues of morality, politics, finance, etc., grow more complex and challenging by the day.

So, as you use this catalogue to make decisions regarding your studies, remember that Seton Hall's courses and degree programs are designed not only to provide information but also to impart wisdom, and recognizing the difference between genuine wisdom and mere information constitutes one giant step toward knowing what leadership is all about.

Thomas K. Lindsay, Ph.D.
Executive Vice President and Provost
Seton Hall University

"The University's faith and justice commitments will inform all its efforts in supporting faculty and educating students to be servant leaders in a global society."

FROM THE UNIVERSITY VISION STATEMENT

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2005-07 Academic Calendar

Fall 2005

Mon., September 5	Labor Day –University Closed
Wed., September 7	Classes Begin
Wed., September 14	Mass of the Holy Spirit –Noon-1 p.m. –Classes Canceled
Fri., October 14	Fall Break –No Classes
Tues., November 1	All Saints Day Mass –Noon-1 p.m. –Classes Canceled
Wed., November 23	No Classes
Thurs.-Sat., Nov. 24-26	Thanksgiving Recess –University Closed
Thurs., December 8	Immaculate Conception Mass –Noon-1 p.m. –Classes Canceled
Fri., December 9	Last Day of Classes
Sat.-Fri., Dec. 10-16	Final Examinations

Spring 2006

Mon., January 2	New Year's Day (observed) –University Closed
Mon., January 9	Classes Begin
Mon., January 16	Martin Luther King Jr. Day –University Holiday; Classes in Session, Core Services Available
Mon., February 20	Presidents Day –University Holiday; Classes in Session, Core Services Available
Fri., February 24	St. Elizabeth Ann Seton Charter Day (tentative)
Mon.-Sat., March 6-11	Spring Recess –No Classes
Thurs.-Sun., April 13-16	Holy Thursday, Good Friday, Holy Saturday, Easter Sunday –University Closed
Mon., April 17	Easter Monday –No Day Classes; All Weekly Evening Classes Will be Held
Thurs., April 27	Last Day of Classes
Fri.-Thurs., April 28-May 4	Final Examinations
Mon., May 8	Commencement

Fall 2006

Mon., September 4	Labor Day –University Closed
Tues., September 5	Classes Begin –Add/Drop and Late Registration Begin
Wed., September 13	Mass of the Holy Spirit –Noon-1 p.m. –Classes Canceled
Fri., October 13	Fall Break –No Classes
Wed., November 1	All Saints Day Mass –11 a.m.-Noon –Classes Canceled
Wed., November 22	No Classes
Thurs.-Fri., Nov. 23-24	Thanksgiving Recess –University Closed
Sat., Nov. 25	Classes Canceled
Fri., December 8	Immaculate Conception Mass –1 p.m.-2 p.m. –Classes Canceled
Wed., December 13	Last Day of Classes
Thurs.-Wed., Dec. 14-20	Final Examinations

Spring 2007

Mon., January 1	New Year's Day –University Closed
Mon., January 8	Classes Begin –Add/Drop and Late Registration Begin
Mon., January 15	Martin Luther King Jr. Day –University Holiday
Mon., February 19	Presidents Day –University Holiday; Classes in Session, Core Services Available
Fri., February 23	St. Elizabeth Ann Seton Charter Day (tentative)
Mon.-Sat., March 5-10	Spring Recess –No Classes
Thurs., April 5	Holy Thursday –University Closed
Fri., April 6	Good Friday –University Closed
Sat., April 7	Holy Saturday –Classes Canceled
Mon., April 9	Easter Monday –No Day Classes; All Weekly Evening Classes Will be Held
Thurs., April 26	Last Day of Classes
Fri.-Thurs., April 27-May 3	Final Examinations
Mon., May 7	Commencement

Seton Hall University

Our Mission

Seton Hall is a major Catholic university. In a diverse and collaborative environment it focuses on academic and ethical development. Seton Hall students are prepared to be leaders in their professional and community lives in a global society and are challenged by outstanding faculty, an evolving technologically advanced setting and values-centered curricula.

AS APPROVED BY THE SETON HALL UNIVERSITY BOARD OF REGENTS, JUNE 6, 1996.



University Overview

Seton Hall University was founded in 1856 by Bishop James Roosevelt Bayley, the first bishop of Newark, who named it after his aunt, Elizabeth Ann Seton, a pioneer in Catholic education and the first American-born saint. The University is the oldest diocesan university in the United States.

Nestled on 58 acres in the suburban village of South Orange, New Jersey, Seton Hall's campus is home to eight schools and colleges: the College of Arts and Sciences, the College of Education and Human Services, the College of Nursing, the John C. Whitehead School of Diplomacy and International Relations, the School of Graduate Medical Education, the Stillman School of Business, Immaculate Conception Seminary School of Theology and University College.

Seton Hall's ninth school, the School of Law is located in Newark, New Jersey.

A Tradition of Christian Values

Seton Hall University is founded on and defines itself and its academics, student life and community programs on a Christian understanding of the nature of the world and the human person. With a tradition of quality education based on Christian values, the University takes pride in its concern for the intellectual, ethical and spiritual development of its undergraduate and graduate students.

Religious beliefs and values are taken seriously at Seton Hall. The University emphasizes the importance of religious and ethical concerns to all areas of human inquiry. With Roman Catholic teaching and tradition as a life-enhancing and enabling vision, the University calls on its students to explore and appreciate all that is the best and most humane in the world.

Seton Hall is Catholic not only by its charter and mission, but also by its ongoing spirit and activity. There exists a basic tenet at the University that religious faith is vital to life and its meaning. This tenet provides a context in which the University has and will continue to define and develop its identity. The Office of Mission and Ministry was instituted in order to foster the spirit and the reality of the Catholic faith on campus.

At the same time, Seton Hall is committed to bringing together people of different races, cultures, religious traditions, lifestyles and ethnic backgrounds into a community that is respectful and supportive. This commitment has helped to establish a truly multicultural community in which all people of good will are welcome.

Seton Hall strives to develop the intellectual, social and religious talents of its students so they may live their lives responsibly, generously and successfully.

Academic Programs: A Commitment to Excellence

At the undergraduate level, Seton Hall offers more than 60 majors and concentrations, as well as many minors, certificates, and interdisciplinary and other special programs. These curricula are continually evaluated and enhanced to meet the changing educational, professional and technological needs and expectations of our increasingly complex society.

One thing that has remained consistent, however, is the University's commitment to individual attention: With more than 400 full-time faculty and many adjunct faculty, the average class size is just 20 students, and the student-faculty ratio is 14-to-1. In addition to a highly dedicated and accessible faculty, the University offers comprehensive academic advising and career development programs, as well as a diversity of special services designed to assist students in their academic, personal, professional and spiritual development. At Seton Hall, students find people who are willing to listen, offer support and help them achieve their goals.

The University also encourages students to enhance their academic preparation through involvement in extracurricular activities, such as student government; student professional organizations; internships and cooperative education experiences; varsity, intramural and club sports; recreation and fitness activities; fraternities and sororities; community service; cultural programs; and ethnic and other special-interest organizations.

A Window to the Wider World

Seton Hall is in the midst of one of the world's most cosmopolitan centers of education, business, publishing, art and entertainment. The University's close proximity to New York City (which is 14 miles from South Orange) allows students to explore the best that the "Big Apple" has to offer, including museums, plays, concerts and sporting events. In the city as well as throughout areas of New Jersey, students take part in field trips, internships, cooperative education assignments and community service activities. And with the increasing importance of international business, communication and governmental cooperation, many students elect to pursue international study programs.

The History of Seton Hall

The "three chapters" of the University's history span 150 years of intellectual and spiritual development, from the founding era into the 20th century, through depression, world war and cold war, and through the most recent period of rapid, far-ranging expansion.

From its original enrollment of a handful of students, Seton Hall grew rapidly. During its first 12 years, the College enrolled more than 500 freshmen from 17 states and six foreign countries. The seeds of diversity at Seton Hall were planted almost from its birth.

Seton Hall always has reflected the growing ethnic scope of its students and the increasing diversity of the Church and society it has served. In the 19th century, in spite of setbacks, major fires, lean times and the Civil War, the College continued to expand. By 1937, Seton Hall established a University College. This marked the first matriculation of women at Seton Hall. The University became fully coeducational in 1968.

The years after World War II witnessed unprecedented growth for Seton Hall as it responded to the needs of thousands of veterans seeking higher education. The College was organized into a university in 1950, comprising the College of

10 University Overview

Arts and Sciences and the schools of Business, Nursing and Education. The School of Law opened its doors in 1951 and the John C. Whitehead School of Diplomacy and International Relations was established in 1997, and formally named in 2002.

The next two decades saw the construction and modernization of a large number of facilities and the construction of the library, science building, residence halls and the University Center. Many new programs and majors were inaugurated, as were important social outreach efforts. New ties were established with the private and industrial sectors, and a growing partnership developed with federal and state governments in creating programs for the economically and educationally disadvantaged.

The '70s and '80s continued to be a time of growth and renewal. New business and nursing classroom buildings and an art center were opened. In 1984, Immaculate Conception Seminary returned to Seton Hall, its original home until 1926, when it moved to Darlington. With construction of four new residence halls between 1986-88, and the purchase of off-campus apartment buildings in 1990 and 2004, Seton Hall now provides living space for approximately 2,100 students.

The physical development of the campus continued in the 1990s. In 1994, construction was completed on the \$20 million, four-story Walsh Library. This facility provides first-class study and research resources to undergraduate and graduate students, faculty and scholars from around the world. The opening of Walsh Library is symbolic of Seton Hall's transformation from a small, local institution whose library housed the personal collection of its president to a major national university with library holdings of nearly 500,000 volumes.

Seton Hall houses its College of Education and Human Services, Stillman School of Business, Center for Public Service, and the Departments of Sociology and Anthropology, Psychology, and Political Science in a facility now called Jubilee Hall to commemorate the University's Sesquicentennial in 2006. The building provides a wide range of teaching spaces - from seminar rooms to a 390-seat auditorium. All classrooms in the building are wired to accommodate notebook computers, and many of the lecture halls are equipped with distance-learning technology.

As the Sesquicentennial of Seton Hall is observed in 2006, the 1956 centenary history of the University prophetically concluded with these words: "Seton Hall University's great boast and claim to fame is not predicated on expansion, buildings or even curriculum. It lies rather in the hearts and minds of a dedicated and devoted faculty." Seton Hall's history has been one primarily of people: students and faculty living and working together in a community of learning, a community rooted in a Catholic tradition that is a home for the mind, the heart and the spirit.

Priest Community at Seton Hall

From its earliest existence as a diocesan college, Seton Hall has been staffed by the priests of the Archdiocese of Newark. At present, more than 40 priests (the largest single apostolate of

diocesan clergy anywhere) serve the University community in a variety of ways. Some are in administration or on the staff, others are professors on the University or Seminary faculties. Some work directly with students in a pastoral capacity in Campus Ministry. Some have retired after many years of service to the University and continue to live on campus and contribute to its spiritual and liturgical life.

The presence of dozens of priests of the Archdiocese of Newark, and those from other dioceses or religious orders who also work on campus, is a vital element in furthering the Catholic orientation and commitment of the University. In addition to their administrative or academic duties, the priests minister to all members of the University community, not only through the scheduled liturgical services in the University chapels, but also through their availability, personal concern and response to individual needs.

Accreditation and Memberships

Seton Hall University is fully accredited by the Middle States Commission on Higher Education. The academic qualifications of the undergraduate programs have merited their accreditation by appropriate professional memberships as well. Below is a list of University memberships; additional information regarding individual program accreditation is available from appropriate University departments. The University's National Honor Society memberships are listed in the Academic Policies and Procedures section of this catalogue.

Documents describing the University's accreditation status are available for review in the Monsignor William Noe Field University Archives and Special Collections Center, University Libraries.

Accreditations

Accreditation Council for Continuing Medical Education (ACCME)

Accreditation Council for Graduate Medical Education (ACGME)

Accreditation Council for Occupational Therapy Education (ACOTE)

Accreditation Review Commission on Education for the Physician Assistant (ARC-PA)

American Bar Association

American Chemical Society

American Dental Association Continuing Education Recognized Provider (ADA CERP)

American Osteopathic Association

American Podiatric Medical Association

American Psychological Association

American Speech-Language-Hearing Association

Association of Theological Schools in the United States and Canada

Association to Advance Collegiate Schools of Business-International (AACSB)

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

Commission on Accreditation for Marriage and Family Therapy Education (Candidacy Status)
 Commission on Accreditation in Physical Therapy Education (CAPTE)
 Commission on Collegiate Nursing Education (CCNE)
 Council on Social Work Education
 The Middle States Commission on Higher Education
 National Association of Schools and of Public Affairs and Administration (NASPAA)
 National Council for the Accreditation of Teacher Education (provisional)
 National League for Nursing Accrediting Commission (NLNAC)
 New Jersey Department of Education (NJDOE) Professional Development Provider
 New Jersey State Board of Nursing

Memberships

Alliance for Continuing Medical Education (ACME)
 Alpha Epsilon Delta Pre-Medical Honor Society
 Alpha Kappa Delta National Honor Society for Sociology
 Alpha Mu Gamma Honor Society for Foreign Languages
 Alpha Theta Chapter of Alpha Delta Mu National Social Work Honors Society
 American Association of Colleges of Nursing
 American Association of Colleges for Teacher Education
 American Association of University Women
 American College of Healthcare Executives
 American Council on Education (ACE)
 American Education Research Association
 American Historical Association
 American Institute of Physics
 American Library Association
 American Society for Public Administration (ASPA)
 American Society for Higher Education
 American Theological Library Association
 Association of American Colleges and Universities
 Association of American Law Schools
 Association of Arts Administration Educators (AAAE)
 Association of Baccalaureate and Higher Degree Programs in Nursing
 Association of Catholic Colleges and Universities
 Association for Clinical/Pastoral Education
 Association of College and Research Libraries
 Association of College and University Telecommunications Administrators (ACUTA)
 Association of Continuing Higher Education (ACHE)
 Association for Excellence and Equity in Education (AEEEE)
 Association of Governing Boards
 Association of Independent Colleges and Universities in New Jersey
 Association of Independent Liberal Arts Colleges for Teacher Education
 Association of Professional Schools of International Affairs (APSIA) (Affiliate Member)

Association of University Programs in Healthcare Administration (AUPHA)
 Association for the Study of Higher Education (ASHE)
 BIG EAST Athletic Conference
 Catholic Library Association Colloquium
 Chi Sigma Iota National Honor Society Sigma Alpha Chapter
 Corporation for Research and Educational Networking (CREN)
 Council for Advancement and Support of Education (CASE)
 Council for Graduate Schools
 Council for Higher Education Accreditation
 Cooperative Education and Internship Association (CEIA)
 Collegiate Leadership of New Jersey
 Delta Epsilon Sigma Catholic Honor Society
 Educause (formerly EDUCOM and Cause)
 Golden Key International Honour Society
 Kappa Delta Pi International Education Honor Society
 Kappa Gamma Pi Catholic Women's Honor Society
 Lambda Pi Eta National Honor Society for Communication
 Mathematical Association of America
 Metro International
 Middle States Association of Collegiate Registrars and Offices of Admission
 NAFSA
 National Association for College Admission Counseling
 National Association of College and University Business Officers
 National Association of Baccalaureate Program Directors
 National Association of Baccalaureate Social Work Educators
 National Association of Colleges and Employers (NACE)
 National Association of College and University Business Officers (NACUBO)
 National Association of Graduate Admissions Professionals
 National Association of Independent Colleges and Universities
 National Catholic Education Association
 National Collegiate Athletic Association
 National Commission for Cooperative Education
 National Council of University Research Administrators
 National League for Nursing
 National Women's Studies Association
 National University Continuing Education Association
 New Jersey Association for Affirmative Action in Higher Education
 New Jersey Association of Colleges and Universities
 New Jersey Association of Colleges for Teacher Education
 New Jersey Association of Teacher Educators
 New Jersey Library Association
 New Jersey Marine Sciences Consortium
 New Jersey Project
 NJEdge.Net (formerly the New Jersey Intercampus Network)
 North American Association of Summer Sessions



- Phi Alpha Theta National Honor Society for History
- Pi Alpha Alpha National Honor Society for Public Administration
- Pi Mu Epsilon National Honor Society for Mathematics
- Pi Sigma Alpha National Honor Society for Political Science
- Psi Chi National Psychology Honor Society
- Sigma Pi Sigma Honor Society for Physics
- Sigma Tau Delta National English Honor Society
- Sigma Theta Tau International Honor Society of Nursing, Gamma Nu Chapter
- Sigma Xi Honor Society for Science
- Sloan Consortium (ALN)
- Theta Alpha Kappa National Honor Society for Religious Studies
- Theta Rho Honor Society for Spanish

Schools and Colleges

Schools and colleges of the University that offer both undergraduate and graduate programs are the College of Arts and Sciences, College of Education and Human Services, College of Nursing, the Whitehead School of Diplomacy and International Relations, and the Stillman School of Business. Undergraduate programs offered within these areas may be found by consulting the table of contents and/or index of this catalogue. Information regarding graduate programs offered by these schools may be found in the University's Graduate Catalogue.

Seton Hall also has three schools offering primarily graduate and professional programs: the School of Graduate Medical Education, the School of Law and Immaculate Conception Seminary School of Theology. Information about programs offered within these areas may be obtained directly from these schools.

School of Law

The Seton Hall University School of Law was founded in 1951. It is the only law school in New Jersey operated by a private university. It offers a full-time program, leading to a J.D. in three years and a part-time evening division leading to a J.D. in four years. It also offers an LL.M. in Health Law and an M.S.J. in Health Law and/or Intellectual Property.

In addition to basic courses required for admission to the bar in all states, the School of Law offers advanced courses in a variety of areas of the law, including a number considering legal and policy questions being addressed across the nation and internationally. The School offers opportunities for concentrations in health law and intellectual property, as well as opportunities to explore criminal law, corporate law, employment law and international law. Active participation in appellate and trial moot court provides training in the effective presentation of legal cases and argument.

In the area of clinical legal education, the School of Law's Center for Social Justice has developed a number of litigation clinics and other programs that offer practical skill training and an opportunity to serve the community.

Further information on concentrations in health law or intellectual property for J.D., LL.M. or M.S.J. students is available at (973) 642-8871. General admissions information and information on the J.D./M.B.A. and J.D./M.A.D.I.R. is available from Admissions, Seton Hall School of Law, One Newark Center, Newark, NJ 07102, (973) 642-8800, or visit the Web site at law.shu.edu

Information Technology

Dennis J. Garbini, M.B.A., Vice President for Finance and Technology

Stephen G. Landry, Ph.D., Chief Information Officer

The University's Technology Long-Range Plan

Seton Hall University has made a major commitment to information technology through its Information Technology Long-Range Plan. This plan was approved by the University's Board of Regents in 1995 and revised in 1997. Under this plan, the University has invested more than \$15 million to improve its technology systems and services, including wiring of classrooms, residence halls and public spaces, and replacing the University's fiber-optic network and servers. The University's technology plan focuses on the use of information technology in support of teaching and learning. The University views information technology as a transformative agent that not only enhances traditional modes of teaching and learning, but also enables new kinds of teaching and learning and new methods of delivering the University's educational services.

The University's 2003 Strategic Plan builds on the momentum and success of the first technology plan. It encourages further innovation in the use of technology to enhance the learning experience of the student and explore the possibilities for achieving an even greater sense of community. Within this plan, technology is used to transcend the limits of the physical classroom. It keeps students connected with one another and their teachers beyond allotted class time, thereby enabling all to be engaged in dynamic and shared learning activities on campus. The University Strategic Plan also focuses on the use of technology to streamline and improve the administrative activities of the University.

For additional information, please log onto technology.shu.edu

The Mobile Computing Program

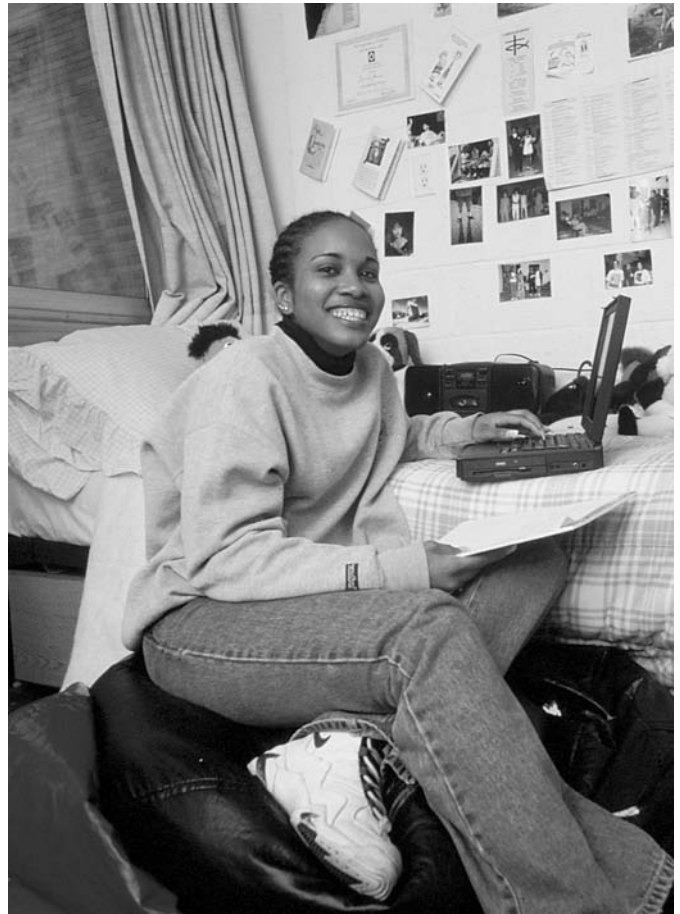
One of the cornerstones of the University's technology plan is making technology ubiquitous throughout the educational experience. This commitment is embodied in the University's Mobile Computing Program. This is an innovative, academic program with three components:

Ubiquitous Access: All students in the Mobile Computing Program are provided with a laptop computer as part of their tuition and fees. The computer is upgraded at the end of the student's second year as a full-time undergraduate student at Seton Hall University.

Curricular Integration: The University supports and encourages faculty to integrate the use of technology into the curriculum.

Infrastructure and Support: The University provides the technology infrastructure and support services that enable students and faculty to make effective use of this teaching and learning tool.

Participation in the Mobile Computing Program is mandatory for all full-time undergraduate students. This program is not



only a computer lease arrangement; rather, it is a comprehensive, academic program designed to integrate information technology into all aspects of student life. No computer skills are required to participate; the University provides appropriate training and support for all students, whether they are beginning or advanced computer users.

The Mobile Computing Program, along with other teaching, learning and technology initiatives at Seton Hall University, is designed to achieve the University's goal of providing a technologically advanced learning environment. Through this program, Seton Hall University makes the best possible use of technology in teaching and learning, and prepares students for life and careers in the Information Age.

For additional information regarding the Mobile Computing Program, please log onto technology.shu.edu/mobile

Transforming Education Through Information Technology

Seton Hall University has institutionalized the process of educational change through the use of information technology. This commitment was recognized by the University's receipt of the 2000 Educause Award for Systemic Progress in Teaching and Learning with Technology. The University's **Teaching, Learning and Technology Center (TLTC)**, located in Walsh Library, provides the programs and services that support the

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effective use of information technology to enhance teaching and learning. **The Curriculum Development Initiative (CDI)** provides systematic support for departments integrating information technology into required core courses or course sequences.

The Student Technology Assistants Program (STA) is a nationally renowned program, affiliated with the TLT Group STA+ initiative, that engages students in supporting the University's technology initiatives for integrating technology into the curriculum, and for supporting the University community on its standard software applications. The STA program is student-centered and student-run with guidance from University faculty and technologists, who provide students with a structured experience in technology support and consulting services. Students interested in part-time work as technology consultants should visit the STA Web site at technology.shu.edu/sta for more information, and to apply.

The Campus Network

Seton Hall University received the 1999 EDUCAUSE Award for Excellence in Campus Networking, and in 2003, *Forbes* magazine ranked Seton Hall as the 16th "most-connected campus" in the United States. The University also has been included in Yahoo! Internet Life magazine's listing of the Top 50 "most wired" universities in the United States.

All residence halls are fully wired and all of the University's classrooms have full wireless network capability, including a significant number that provide power and a wired network connection to each seat. A number of public spaces are also covered by the wireless network and have wired data connections, including the University Libraries, the University Center, study lounges in Jubilee Hall, the cafeteria's Galleon Room, the Pirate's Cove coffeehouse, the Pirate Cellar freshman lounge and the University Green.

Each student at the University automatically receives a network account. The campus network provides access to e-mail, the Internet and a wide variety of instructional software. All computers use the Microsoft Windows operating system and the Microsoft Office application suite. The University's campus e-mail is based on Lotus Domino, and students access their e-mail by using their standard Internet browser. A number of classes use Blackboard as a collaborative learning environment, providing online document repositories, discussion groups and assessment tools for faculty and student use. The University provides Webhosting services for student home pages (100MB) and network storage for student files (250MB). Upon graduation, students are eligible for an alumni e-mail account for life at no cost. The Department of Information Technology has developed a very comprehensive Web site to serve the community. For information on Web development, system status or the Mobile Computing Program, log onto technology.shu.edu

Technology Services

The University provides a wide range of facilities and services to support information technology. Among these are:

PC Support Services: Located on the lower level of Corrigan Hall, PC Support Services provides walk-in support, computer repairs and laptop one-on-one consultation, as well

as phone support for the entire University community. Technical services personnel are available Monday through Friday, 8 a.m.-6 p.m. The consultation office is open Monday through Thursday, 8 a.m.-8 p.m., and Friday from 8 a.m. to 6 p.m. The Technology Help Desk hours of operation are 8 a.m.-11 p.m., Monday-Friday, with limited service hours on the weekends for the standard supported software applications. The University also provides 24 hour/7 day a week support for the Blackboard Learning System. During off hours, voice messages can be left and will be returned during the next business day. The Technology Help Desk can be reached on campus at ext. 2222, off campus at (973) 275-2222, or by e-mail at helpdesk@shu.edu for more information.

Public Computer Labs: PC Support maintains five public computer labs containing more than 100 computers in four academic buildings: Arts and Sciences Hall, Corrigan Hall, Jubilee Hall and Walsh Library. For the public computer lab hours of operation, visit the technology Web site at technology.shu.edu/publiclabs

All of the University's public computing labs are equipped with modern Pentium computers connected to the campus network, public access printers and mobile ports for those students who wish to use a laptop in the lab. The software in the computer labs consists of the standard Seton Hall supported applications, including the Microsoft Professional Office Suite, Internet Explorer, Maple and SPSS, as well as several discipline specific applications that have been installed at the request of various departments throughout campus. For a more detailed list of the applications in the labs, visit the Public Computer Lab Web site at technology.shu.edu/publiclabs

Corrigan Hall Public Labs 22 and 24, Jubilee Public Lab, Arts and Sciences Public Lab, and the Walsh Reference area also contain adaptive technology workstations for members of the Seton Hall student community with special needs. We provide scanning, screen reading and voice recognition software, as well as an alternative mouse for easier navigation.

In addition to the public computing labs, a number of academic departments, including chemistry and biochemistry, communication, mathematics and computer science, modern languages, nursing, and physics, maintain their own computer labs.

In addition to the professional staff hired to support technology at Seton Hall, PC Support Services also hires 100+ students to work as **Student Technology Assistants (STAs)**. The public computer labs are staffed by STAs who provide assistance in the use of the University's computers, networks and software. Students interested in learning more about computers and/or working in the field of information technology can visit the STA Web site at technology.shu.edu/sta

University IT Services (UITS): Located in Corrigan Hall, University IT Services is responsible for maintaining the campus network, all campus servers (e-mail, Web, applications), the Student Information System, and the administrative and financial systems. UITS is also responsible for all telephones, telephone switches, voice mail accounts and cellular phones.

Teaching, Learning and Technology Center (TLTC): Located in Walsh Library, the Teaching, Learning and Technology Center integrates the traditional functions of



academic computing and media services, as well as computer training. TLTC provides facilities and classroom support, audiovisual equipment, and media production capabilities for acquiring, converting and editing digital media. This includes all types of learning support for classroom activities, an interactive television classroom, state-of-the-art media equipment, streaming video and audio, video conferencing/interactive television, and technical support and training for faculty. The TLTC also offers faculty development and support in the scholarship of teaching with appropriate integration of technology and provides appropriate training for all University-supported computer software to the entire Seton Hall community. Its mission is to link training with the University's strategic technology goals and to provide free training to faculty, students, administration and staff all year round. In addition, TLTC sponsors Webcasts, events and conferences to promote a wider understanding of academic activities and learning with technology within the Seton Hall community as well as to connect with other institutions of higher learning.

University Libraries

Howard F. McGinn Ph.D., Dean, University Libraries

Library faculty and staff provide Seton Hall University library services on the South Orange campus in the Walsh Library for more than 90 hours per week and longer during final examination periods. This four-story 155,000 square-foot facility, which opened in August 1994, houses the University Libraries; the Walsh Library Gallery; and the Monsignor William Noé Field University Archives and Special Collections Center, which includes the University's Records Management Center. Walsh Library also accommodates the Teaching, Learning and Technology Center, which includes the Faculty Consultant/Instructional Design Team; the Computer Training Center, the Student Technology Assistant Program; the Interactive Television Classroom; and University Media Services. The Theology Library is located in Lewis Hall as part of Immaculate Conception Seminary. The Peter W. Rodino Jr. Law Library, located on the Newark campus of the School of Law, is separately administered. Strong onsite collections in the University Libraries are augmented by electronic gateways to connect Seton Hall University library community members with global academic resources in other libraries and institutions worldwide. Visit the Web site at library.shu.edu

The University Libraries

The University Libraries have notable resources, including extensive holdings of almost 600,000 book volumes, and 1,127 current periodical subscriptions, back-files of more than 6,500 serial titles, electronic access to full text articles in more than 25,000 journals, a broad selection of indexing and abstracting services in both digital and print formats, various microform collections, music CDs, and audiovisual aids. The University Libraries are selective depository for U.S. Federal, State of New Jersey and U.N. publications.

Depository status provides exclusive access to thousands of publications in electronic or print formats. For added bibliographic access and document delivery, the University Libraries participate in consortia such as PALCI, VALE and the international OCLC consortium. It provides more than 5,000 interlibrary loans to students and faculty free of charge. A majority of periodical interlibrary loans are delivered through e-mail. The University Libraries have strong and growing collections in the areas of theology, Asian studies, Judaeo-Christian studies, Italian studies (Valente Collection), Slavic and Eastern European studies, and other areas of the humanities. The Curriculum Resource Lab contains K-12 resources that support instruction provided by the College of Education and Human Services. New books are available on open stacks and are displayed on specially marked "New Book" shelves. Popular periodicals and a variety of local, national and international newspapers are displayed in the Browsing Room, which offers soft-chair seating and study tables. All information resources are catalogued and accessible through SetonCat, the University Libraries' online public access catalog.

Ergonomic seating accommodates more than 1,100 students, faculty and visitors in a variety of study facilities, including tables, carrels, group-study rooms and scholar study rooms. In the past year more than 22,000 students used group study rooms and more than 400,000 people visited the library. A faculty of 13 qualified full-time professional library faculty, supported by administrative and clerical staff, focus on Seton Hall's community of students, classroom faculty and scholars by seeking out and listening to needs, and continuously transforming the University Libraries to exceed clientele expectations.

Library faculty, staff and administrators practice the virtue of hospitality in welcoming and assisting students to be successful in using information resources for scholarship, and by assisting faculty in knowledge creation and classroom instruction. The library faculty provide reference desk and telephone service consultation. In addition they offer bibliographic and information services via telephone at (973) 761-9437, e-mail at library@shu.edu and virtual reference through the library Web site to enrolled students, current faculty and staff in on-campus and distance education programs. Library faculty serve as subject bibliographers and liaisons to various academic disciplines for collection development and curriculum support.

The University is committed to developing students' information literacy skills. Toward that end the University Library is spearheading campus instructional and research information literacy initiatives. The University Libraries provide orientation

and instruction in information literacy skills to all freshmen in partnership with the Freshman Studies Program and the Department of English. In a growing number of English courses library faculty are available to assist students through their electronic course management system, called Blackboard. The library faculty instruct nearly 5,000 students including upper-level and graduate students. The library faculty also provide services to high school students through Project Acceleration, a program that enables high school students to earn college credits.

Technology available in the University Libraries includes the Web-based delivery of key academic databases of indexes, abstracts, and digital full-text resources for study and research. The University Libraries' Learning Resource Center provides users with 28 state-of-the-art computer workstations, and the University Libraries feature wireless connectivity throughout the facility. The libraries' electronic-reserve (e-Reserve) capability allows students to access faculty-assigned readings and electronic academic databases from anywhere on campus, or remotely off campus, with Internet access day or night.

The University Libraries facility complies with the Americans with Disabilities Act (1990) and the Rehabilitation Act (1973) by providing building access via an entrance ramp and elevator service, accommodating wheelchair-bound individuals, providing handicapped-accessible rest rooms and nearby parking spaces for the handicapped. Students or faculty with visible or invisible disabilities, who self-identify at the Circulation Desk, may receive special assistance. Additionally, individuals may use an array of adaptive equipment that is available to assist handicapped/challenged persons in the use of resources and facilities in the University Libraries.

Theology Library

The Seminary Library is located in Lewis Hall on the South Orange campus. Its collections support the curriculum of Immaculate Conception Seminary School of Theology, a graduate School of Theology at Seton Hall and the major seminary of the Catholic Archdiocese of Newark. The collection contains more than 60,000 books, 400 periodical titles, periodical microfilm holdings and some audiovisual material. The collection's focus is on theology and Church history. It is particularly strong in liturgical and biblical studies. Resources are available in German, Hebrew, French, Latin, Spanish and other essential languages for theological and biblical scholarship such as Syriac. The Theology Library's collections are included in SetonCat, the online catalogue. The Theology Library is housed in a modern facility that provides comfortable and convenient study areas. Collection resources are on open shelves. Access to the collection is limited to students and faculty of Immaculate Conception Seminary School of Theology and other University faculty. Seton Hall undergraduate and graduate students may obtain a one-time-use courtesy card at the University Libraries Reference Desk. Other persons must access the collections through inter-library loan services provided by the University Libraries or their home library. Visit the Theology Library Web site at library.shu.edu/seminary.htm

The Monsignor William Noé Field University Archives and Special Collections Center

The Monsignor William Noé Field University Archives and Special Collections Center is located on the first floor of Walsh Library. Encompassing nearly 4,000 square feet, it contains various historically unique and significant resources that document the history of Seton Hall University, the Archdiocese of Newark and Catholic New Jersey. Manuscripts, ledger books, photographs, newspapers, annual reports, scrapbooks, physical artifacts and other types of archival resources form the nucleus of this collection. The papers of various bishops, parish histories and Catholic directories constitute a portion of the collection, highlighting the continuous development of the Archdiocese of Newark from 1853 to the present day. Institutional resources in the form of presidential papers, departmental files, physical plant data and self-study records are an integral part of the expansive school history archival file, which dates from 1856.

Among the distinctive collection resources are the manuscripts of prominent former New Jersey governors Richard Hughes and Brendan Byrne along with the papers of national political figures, including Marcus Daly, Leonard Dreyfuss, Matthew Rinaldo and Bernard Shanley. The Seton-Jevons papers (1792-1963) showcase activities undertaken by various relatives of the first American-born saint, Elizabeth Ann Seton. Other significant collections include those of prominent Seton Hall personalities and prolific authors such as the late Monsignor John Oesterreicher (1904-1993), founder of the Judaeo-Christian studies department, and the late Monsignor William Noé Field (1915-2000), English professor and archivist. The collection also contains more than 9,000 printed works, including rare and autographed books, the MacManus Irish History and Literature Collection, the Gerald Murphy and Pierce Byrne U.S. Civil War and World Military Uniform Book libraries, and hundreds of master-level and doctoral dissertations of Seton Hall graduate students.

The Monsignor William Noé Field University Archives and Special Collections Center provides a comfortable reading room designed for serious research and an adjacent room for instruction and small-group seminars. Microfilm readers are available for scanning records along with computer workstations that facilitate research and access to academic databases and gateways to worldwide information resources. Public service is a priority, and Seton Hall students are encouraged to use these resources as part of their scholarly development. The University's collections and archives also are open, by appointment, to faculty, clergy and the general public who have specific research needs. The Monsignor William Noé Field University Archives and Special Collections Center coordinates appointments for research initiatives and accepts donations of materials that fit within its scope. Alan Delozier, University archivist/librarian, may be contacted at (973) 275-2378 or via e-mail at delozial@shu.edu. Visit the Monsignor William Noé Field University Archives and Special Collections Center Web site at <http://library.shu.edu/sc-homepage.htm> or call (973) 761-9476.

The Walsh Library Gallery

Walsh Library Gallery offers the Seton Hall and external communities an opportunity for cultural appreciation and spiritual growth. Since opening in Fall 1994, Walsh Library Gallery has provided a forum for community members to share society's richly diverse cultural heritages through artistic expression.

Located on the first floor, the gallery is a state-of-the-art, climate-controlled space encompassing 2,500 square feet. During the academic year, Walsh Library Gallery offers a number of rotating exhibits, providing campus and outside community members with an opportunity to observe and experience beauty in works of art. In addition to interior exhibit space, there are six exterior window exhibits. These window galleries highlight exhibitions being shown in the main gallery, showcase special events on campus, draw attention to issues of current interest, and provide an ongoing visual survey of new library acquisitions and technology. Exhibits and special event programs are free-of-charge.

Artists from around the world have displayed their work in Walsh Library Gallery, including artists from the United States, Brazil, China, the Dominican Republic, France, Italy, Lithuania, Poland and the Ukraine, among others. Media have included paintings, watercolors, sculpture, etchings, photographs, posters, prints and textiles. Styles have been equally diverse. Historical topics have ranged from the cultural heritage of the Lenape Indians to the history of the Harlem Renaissance to photography of parks designed by Frederick Law Olmsted.

Walsh Library Gallery audiences continue to broaden. University students from undergraduate liberal arts classes such as art, anthropology, ethics, history and literature, and graduate students in programs such as museum professions, often have class assignments and oral presentations that are integrated with exhibit themes. Walsh Library Gallery provides opportunities for students, under the direction of faculty and the Walsh Library Gallery director, to plan, produce and mount exhibitions.

Students from around New Jersey in grades 3-12 visit Walsh Library Gallery to hear presentations that focus on exhibits. Pre- and post-visitation packets provide activities and curricular materials for teachers to enhance their students' educational experiences.

In addition to exhibits, Walsh Library Gallery regularly hosts scholarly events, such as the Department of English's Poetry in-the-Round series, which features renowned and award-winning authors and poets. These activities draw a large number of visitors to the gallery's exhibits. Receptions in conjunction with exhibits, feature lectures, live music, ethnic food tasting, and ample opportunity for students and visitors to meet and speak with featured artists.

Activities of Walsh Library Gallery are regularly featured in local and large-circulation newspapers, including feature articles in *The New York Times* and the *Newark Star-Ledger*. Walsh Library Gallery has been featured in *New Jersey Monthly* magazine's "Out and About Calendar" of not-to-miss events. Television Channel 12 News, NJN/Channel 13 and Spanish

language Channel 48 provide frequent coverage of Walsh Library Gallery exhibits. The campus community regularly learns about exhibits and special programs in *The Setonian*, and e-mail community announcements. Visit the Walsh Library Gallery Web site, which provides access to current and past exhibits, at library.shu.edu/gallery

Gifts of art from donors and artists, along with the occasional purchase of art, are creating a significant permanent art collection for the University. Many of these pieces are available for viewing throughout the University Libraries and in other campus public spaces. The director of Walsh Library Gallery, may be contacted at (973) 275-2033.

The Records Management Center

The Records Management Center is located within the Monsignor William Noé Field University Archives and Special Collections Center. It houses non-current and permanent non-archival institutional records. The Records Management program is designed to create, facilitate and monitor the official standardization of retention schedules for each University department. Information files are systematically transferred, stored and made available for review by the originating University office upon request. The Records Management Center can be reached at (973) 275-2063.

Institutes and Centers

The Ruth Sharkey Academic Resource Center

American Humanics

The Center for African-American Studies

The Center for Applied Catalysis

The Center for Catholic Studies

The Center for Entrepreneurial Studies

The Center for Languages and Cultures

The Center for Leadership Studies

The Center for Public Service

The Center for Securities Trading and Analysis

The Center for Sport Management

The Center for Urban Research and Environmental Studies

The Center for Vocation and Servant Leadership

The Writing Center

The G.K. Chesterton Institute

The Institute for International Business

The Institute of Judaeo-Christian Studies

The Institute for Service Learning

The Institute on Work

The International Institute for Clergy Formation

The Sister Rose Thering Endowment for Jewish-Christian and Holocaust Studies

The Alumni Association

The Office of International Programs

The Asia Center

The Joseph A. Unanue Latino Institute
Seton Hall University Parents' Association

The Ruth Sharkey Academic Resource Center

Mary Wislocki, Ph.D., Director

The College of Arts and Science's Ruth Sharkey Academic Resource Center (ARC), located in Arts and Sciences Hall, serves as a place for all students, whatever their year of study, to meet with faculty advisers about courses and academic options as well as for tutoring and academic assistance in subjects such as writing, math, languages, and science. All students, freshman to senior, are encouraged to visit the ARC to meet with faculty advisers and mentors as well as fellow students interested in working collectively on class projects. ARC tutors frequently conduct review classes in disciplines such as Chemistry and Biology, directly linked to the schedule of study maintained in introductory courses; announcements regarding these classes are posted on the ARC bulletin board as well as online.

Pre-majors and inter-departmental majors are advised by specially selected faculty whose primary objective is to assist students in evolving academic goals and selecting a major. These inter-departmental majors include liberal studies and social and behavioral sciences. Faculty advisers in the ARC also work closely with students tracking graduate professional careers in law and medicine. Advisers in the ARC work closely with interested students to link them with alumni mentors through the Pirate Navigator program. ARC advisers and tutors also organize co-curricular activities, which bring faculty, students, and alumni together through visits to museums or attendance at theatrical productions, concerts and SHU basketball games.

The ARC thus provides a resource for students who wish to be fully engaged in the academic and co-curricular life of the College; it is a venue for formal and semi-formal faculty-student interactions and an opportunity for students to carry learning beyond the classroom, to become a part of a larger arts and sciences learning community, which consists of fellow students, graduate teaching assistants, faculty, administrators and alumni.

American Humanics

Roseanne Mirabella, Ph.D., Campus Executive Director
Joseph Marbach, Ph.D., Faculty Adviser

The American Humanics (AH) program is an innovative course of study that equips college and university students to become skilled professionals and leaders in local nonprofit organizations. The mission of the program is to prepare and certify future nonprofit professionals to work with America's youth and families, and to be the region's preferred source of nonprofit professionals. Seton Hall University's students are increasingly civic-minded and committed to community service – including an inclination to pursue employment in nonprofit organizations. American Humanics graduates immediately impact the nonprofit agencies they join and continue to make a significant contribution to the nonprofit sector throughout their careers. The American Humanics program is offered to undergraduate students on more than 80 campuses across the country. Seton Hall University became an American Humanics affiliate in December 2000.

Seton Hall University's American Humanics program offers an innovative course of study and experiential education to students. The benefits to the students include:

- certification in entry-level nonprofit employer competencies;
- coursework grounded in the foundation and practices of nonprofit management;
- tested practices and principles through experiential learning;
- one-to-one support, career development and mentoring;
- networking with prospective employers;
- opportunity to test skills and various nonprofit roles through internships, co-curricular and community service activities;
- potential for references and referrals from nonprofit organizations' executive directors, advisory board members and community leaders;
- exposure to national nonprofit network of partners and career options;
- increased sense of being connected and belonging to the community; and
- opportunities for lasting friendships.

The Center for African-American Studies

William W. Sales Jr., Ph.D., Director

The Center for African-American Studies, established at the University in 1970, encourages serious scholarship committed to social change and human rights. Through the study of the unique history, society and life of black people, it also seeks to encourage active participation in the struggle for social justice and freedom for black people and for all peoples.

The center is assisted in its activities by an advisory board consisting of members of various divisions of the University, students and the community. It seeks to involve the entire University in an appreciation of the black experience and the promotion of social change. Further, it seeks to respond to the black community and, by extension, other related community groups. To achieve these objectives, the Center offers special programs for community agencies that take place on campus and at various community sites.

The Center for Applied Catalysis

Robert L. Augustine, Ph.D., Executive Director

Setrak K. Tanielyan, Ph.D., Technical Director

The Center for Applied Catalysis (CAC) realizes the positive impact of harnessing the talent and resources of both academia and industry through mutually beneficial partnerships. This Center was established at Seton Hall University as an entrepreneurial offshoot of the Department of Chemistry and Biochemistry in 1997. Its main thrust is to assist industrial clients in developing catalytic processes for commercially important reactions. The work is performed primarily by post-doctoral associates working under the supervision of Robert L. Augustine, executive director, and Setrak K. Tanielyan, technical director. The center works on research projects that have industrial applications, and thus, are of maximum use to clients. For more information about the CAC, please consult the Web site at artsci.shu.edu/chemistry/cac/

The Center for Catholic Studies

Monsignor Richard M. Liddy, S.T.L., Ph.D., Director

The Center for Catholic Studies at Seton Hall University is dedicated to a dialogue between the Catholic tradition and all areas of contemporary culture. In addition to running programs and seminars on faith and culture for faculty, students and the wider public, it includes the Seton Hall Institute on Work, which seeks to study and to positively influence efforts to humanize the worlds of economics and work. The Center also includes the Chesterton Institute with its prestigious Chesterton Review. The center also organized the science and religion colloquium and sponsors the Owen Garrigan Award in Science and Religion. For more information about the Center for Catholic Studies, consult our Web site at academic.shu.edu/ccs/

The Center for Entrepreneurial Studies

Susan Scherreik, M.B.A., Director

The Center for Entrepreneurial Studies was created in 2003 to raise student awareness of self-employment as a career option. The center fosters the collaboration of faculty, students, alumni and entrepreneurs in a variety of activities and projects to advance hands-on entrepreneurial learning at the Stillman School. The center is integral to the Stillman School's mandate to prepare students for careers in the 21st century by acknowledging the growing importance of entrepreneurship in the global economy.

Center for Languages and Cultures

Fahy Hall, 2nd Floor

The College of Arts and Sciences offers an array of academic and co-curricular programs that promote the learning of different languages and cultures; many of these programs are housed in a newly-formed Center for Languages and Cultures (CLC). The CLC includes the Office of International Programs, the Asia Center and the Joseph A. Unanue Latino Institute. The departments of Asian Studies, Jewish Christian Studies, Classical Studies, and Modern Languages participate in the center. The center, which serves the entire Seton Hall University student body, enables students to experience an array of languages and cultures both on campus and abroad.

The Center for Leadership Studies

Lisa McCauley Parles, J.D., Director

Since its inception in 1994, The Leadership Studies Program has been shaped by a Leadership Council of corporate executives, entrepreneurs and community leaders from the New York/New Jersey metropolitan area.

The purpose of the program is to develop in its students a core set of competencies that will enhance students' existing talents to lead organizations. These essential skills include proficiency in strategic thinking, critical analysis, logical reasoning, and oral and written communication. In addition, the development of the leadership potential of participating students is emphasized.

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Practical business experience is an integral part of the Leadership Studies Program. During their junior year, leadership students are paired with mentors from the Leadership Council and work with these corporate executives on a project related to the executive's company or organization. Through a joint program initiative with The Career Center, the program offers several workshops and events, as well as assistance with securing summer internships. In addition, guest lecturers are invited each Fall and Spring Semester to address the leadership students. Students are required to complete community service projects and hold leadership positions both on and off campus to complement their studies. Students must maintain a 3.0 GPA. Visit the Web site at business.shu.edu/leadership

The Center for Public Service

Naomi Wish, Ph.D., Director

The Center for Public Service is the University's arm for outreach programs to the public and nonprofit sectors and to the arts management community. Housing the Nonprofit Sector Resource Institute, and closely associated with the Graduate Department of Public and Healthcare Administration, the Center runs a variety of programs to place members of the University community into closer contact with the public and nonprofit organizations which surround us. The center facilitates student internship and practicum placement, organizes speakers and seminars throughout the year, and serves as a clearing house for the nonprofit community of Northern New Jersey.

The Center for Securities Trading and Analysis

Anthony Loviscek, Ph.D. and Elven Riley, B.A., Directors

A ground-breaking initiative of the Stillman School of Business is the opening of a trading room designed to mimic the actual trading room activity that occurs in investment banking: up-to-the-second market-clearing quotes, dynamic information flow, and domestic and international data on all frequently traded securities, including stocks, bonds, options, commodities and currencies. The Stillman School's Center for Securities Trading and Analysis, partnering with the Reuters Group and Bloomberg, both renowned for financial news and market data, provides students with an unprecedented opportunity to enhance the realism and relevance of accounting, finance, economics, and international business. The Stillman School is building on its leadership in wireless technology and its innovative academic programs to provide students with real-time, cutting-edge technology that inventively integrates the theory and practice of business disciplines.

The Center for Sport Management

Ann M. Mayo, Ph.D., Director

The Center for Sport Management, established in 1996, serves as the center for sport management expertise, nationally and internationally, at the undergraduate, graduate and industry levels. The center offers a cutting-edge approach to sport management education from a business school perspective, offering the B.S.B.A., the M.B.A., graduate certificates and executive education covering all facets of the sport industry.

In 2004, the center signed an agreement with the Beijing Sports Authority to establish the Research Exchange Center for Sport Economics and Business (RECSEB). This agreement serves as a major part of the center's initiatives in the People's Republic of China. The center is committed to conducting academic research and professional exchange in the international sport industry, combining the best resources of both the Beijing Sports Bureau and Seton Hall University. Seton Hall sport management students have the option of traveling to Beijing to study with Chinese sport managers and visit the Workers' Stadium and new sites under construction for the 2008 Beijing Olympics.

In Fall 2005, the center will also open the new Tom and Ruth Sharkey Sport Polling Institute. Founded with a major donation from alumnus Tom Sharkey and his wife, the Polling Institute will survey the public on ethical and moral questions regarding current issues in sport and will bring national interest to Seton Hall. The Polling Institute will also become a revenue-generating research center, offering marketing research to local sport organizations and a teaching laboratory for both marketing and communication classes.

Located in the heart of the sport industry, the center for Sport Management at Seton Hall University provides students with unparalleled internship opportunities and takes advantage of its unique location by using industry professionals as instructors and guest lecturers in the classroom. The Sport Management Advisory Council, composed of sport industry professionals from around the country, provides the Center and its students with ongoing curriculum review and professional opportunities. Visit the Web site at business.shu.edu/sports

The Center for Urban Research and Environmental Studies

The Center for Urban Research and Environmental Studies serves as a resource for research and community outreach efforts that focuses on urban/suburban issues and on environmental concerns that impact our communities and quality of life. Located in the College of Arts and Sciences, the center plans to launch a lecture series and master classes to foster collaboration and the sharing of information between Seton Hall faculty and students and with external organizations, as well. These activities encourage experts from within the Seton Hall community and from government, nonprofit and corporations to share their research, projections and recommendations for understanding how urban, suburban and environmental issues impact our daily lives.

The Center for Vocation and Servant Leadership

David R. Foster, Ph.D., Director

God calls each of us, and every call is in some way a call to serve. The Center for Vocation and Servant Leadership promotes openness to God's call in both the academic life and common life of Seton Hall University to support the overall mission of forming students as servant leaders for today's world.

The center began in 2003 supported by a generous grant from Lilly Endowment to further their goal of preparing the next generation of Church leadership.

The Center for Vocation and Servant Leadership does its work in cooperation with other campus organizations and by sponsoring a dozen different programs including: curriculum development; scholarships; retreats for students, faculty and alumni; spiritual outreach to students; local community development; service learning opportunities; and the expression of faith through the arts.

The Writing Center

Kelly Shea, Ph.D., Director

Part of the Ruth Sharkey Academic Resource Center, the Writing Center serves as a support system for all students through the Department of English. It provides a range of services, including free consultations and tutorials, to both undergraduate and graduate students. Located in Arts and Sciences Hall, Room 206, the center is open during the academic year Monday through Thursday, 9 a.m.-8 p.m., and Friday, 9 a.m.-4 p.m. For appointments, special accommodations, and finals week and Summer Session hours, call (973) 761-9000, ext. 7501 or ext. 2183, or visit the Writing Center Web site at artsci.shu.edu/English/wc/index.html

In addition to the onsite Writing Center, Seton Hall's Online Writing Lab (OWL) also is available. This service is a Web-based, virtual tutoring program, designed primarily for upper-class and graduate students, as well as faculty and staff, through which individuals can get feedback on their writing from Writing Center tutors via e-mail. As with the onsite Writing Center, the OWL is designed for writers from all academic disciplines and departments. OWL tutors are trained to provide advice, feedback and suggestions on how writers might improve their writing, focusing especially on content, organization, structure and flow, as well as some mechanics. The Web address for the OWL is academic.shu.edu/owl

The G.K. Chesterton Institute

Ian Boyd, C.S.B., Director

Dermot Quinn, D.Phil., Associate Director

The G.K. Chesterton Institute, a not-for-profit educational organization incorporated in the United States, Canada and Great Britain, is located at Seton Hall University. Its purpose is to promote the thought of the English writer G.K. Chesterton (1874- 1936) and his circle and, more broadly, to explore the application of Chestertonian ideas in the contemporary world. Poet, novelist, journalist and theologian, Chesterton was one of the most versatile writers of his day. He was able to write of serious matters in a style accessible to the ordinary person, making him one of the most beloved literary figures of the 20th century. His thought has particular importance for scholars of the sacramental tradition, Catholic social teaching and Christian spirituality.

The institute's work consists primarily of organizing conferences and lecture series of research and writing. Under the editorship of its president, Reverend Ian Boyd, it also publishes

The Chesterton Review, a widely respected academic journal. Other journals sponsored by the institute are Gilbert and Second Spring. For more information, contact the institute in Presidents Hall, Room 9, at (973) 275-2430.

The Institute for International Business

Héctor R. Lozada, Ph.D., Director

The Institute for International Business, established in 1964, serves as the center of international business expertise for students, faculty and the business community. In 1994, the institute received a \$1 million endowment from the estate of W. Paul Stillman to support its initiatives. The institute offers an innovative program of study leading to the Master of Science in International Business and cooperates with the Whitehead School of Diplomacy and International Relations in a joint program. The program provides professional education for present and future corporate leaders. The Certificate in International Business, offered as part of the M.B.A. program, is interdisciplinary and consists of courses in the international aspects of accounting, economics, finance, management and marketing. The certificate also is available to qualified individuals from industry on a nondegree basis. On the undergraduate level, the institute offers a minor in international business in which the curriculum includes language and cultural components, as well as core business courses.

Additionally, the institute sponsors international courses, lectures, internships and scholarly exchange for both students and faculty with several leading academic institutions. In its efforts to serve the business community, the institute offers international business lectures and executive training programs for international business leaders.

The Institute of Judaeo-Christian Studies

Reverend Lawrence Frizzell, D.Phil., Director

The Institute of Judaeo-Christian Studies, founded in 1953, is primarily a center for research and publication. Its area of study is the Church's rootedness in Judaism and the relationship between the Church and the Jewish people through the ages. Its work includes an annual series of lectures, study days and conferences.

These are intended to inform the general public about various facets of Christian-Jewish relations. A special lecture in the fall of each year celebrates the memory of Monsignor John M. Oesterreicher, founder of the institute. He was an important collaborator in preparing the statement by the Second Vatican Council on "The Church's Bond with the Jewish People."

The institute began a graduate program in Jewish-Christian studies in the fall of 1975. In 1978, the program was incorporated into the College of Arts and Sciences; in 1979, it became a department of the College. The department and institute are thus independent units, even though origin and goal bespeak an intimate relationship. The requirements for admission to the program and a description of the course offerings may be found in this catalogue.

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The Institute for Service Learning

Joseph Marbach, Ph.D. and Roseanne Mirabella, Ph.D.,
Co-Directors

The Institute for Service Learning was established in 1997 to support the activities of Seton Hall University as it implements service learning on campus. Service learning, defined as a form of experiential education in which students engage in activities that address human and community needs together with structured opportunities intentionally designed to promote student learning and development, is a relatively new pedagogy that integrates academic and community-based learning with the intellectual work at the University.

Designed to introduce students to the complexity of social issues and community decision making, the institute provides students with opportunities to participate in both in-class and onsite projects, such as volunteerism, community development and nonprofit management. Service learning affords students the opportunities to explore the causes of community problems, clarify his or her values, consider social service as a career choice, and become a more informed citizen and decision maker.

To assist in the achievement of these goals, the institute develops and implements seminars to introduce faculty to the theory and practice of service learning, works with faculty in graduate and undergraduate departments as they develop courses that involve service learning, facilitates collaboration among professors and staff to enhance volunteerism in the community, and works with community leaders in Essex County and beyond to establish service learning and nonprofit management relations.

The Institute on Work

William J. Toth, Ph.D., Director

The Institute on Work was established in 1997 under the direction of Ray Bramucci who served as assistant secretary for Employment and Training of the U.S. Department of Labor from 1998-2001. Under the aegis of the Center for Catholic Studies, it has as its mission the creation of constituencies of conscience that generate fresh thinking, new partnerships and creative long-term strategies to ensure full public access to family-supporting jobs in New Jersey. The institute examines moral, economic and spiritual issues of work in contemporary society: Who gets work in our society? How well do we prepare people, particularly the next generation, for the world of work? How just are our workplaces? What is the meaning of work? How can we make our work more communal and humane? How can we mutually integrate the demands of family and work?

The inaugural activity of the institute was the 1997 Seton Hall University Job Creation Summit Conference followed by five task forces considering issues raised at the conference and recommendations. The institute completed a study, "Employer Attitudes and Experiences with the Welfare-to-Work Transition in New Jersey," for the New Jersey Department of Labor in November 1998 and, in 1999, delivered the Personal Enhancement Program to 1,300 employees of the Newark

Archdiocese Catholic Community Services and a national conference on Work-Life Ministry. A program of technical assistance was begun to aid community and faith-based groups in starting nonprofit temp-to-perm help agencies. In 2000, the Institute began providing aid to two state programs: the Governor's Faith-Based Initiative and the Entrepreneurial Training Institute. Papers on Immigrant Workers in New Jersey and American employers' contingent worker practices were produced.

The institute served as evaluator for community-based organization training/job-creation projects, offered a course titled Human Capital in the New Economy through the Stillman School of Business, and planned a March 2002 conference on contingent work and work-life issues for employers. Public education and advocacy is accomplished through public speaking, serving on statewide task forces, providing information on the Web site and through interviews with Business Week, The New York Times, The Wall Street Journal, The Washington Post, The Record and The Star-Ledger. For more information, visit the Web site at academic.shu.edu/ccs/work or contact the office in Presidents Hall, Room 321, at (973) 313-6103.

The International Institute for Clergy Formation

Monsignor Joseph Reilly, S.T.L, Ph.D., Director

The International Institute for Clergy Formation of Seton Hall University is the only formation program designed specifically for priests. The off-campus site of the five-week Summer Institute is San Alfonso Retreat Center, Long Branch, New Jersey. In addition, there is an off-campus, one-week winter institute at San Pedro Catholic Retreat and Conference Center in Winter Park, Florida in January.

The mission of the institute is "to provide for the individual Catholic priest a graduate university teaching and learning environment that addresses his body, soul and spirit, as well as his unique vocation in a way that leads him to a clearer perception and fuller/richer experience of the essential ministerial significance that is his by virtue of his ordination, so as to support his ongoing formation as a person and his sacred mission as a shepherd." The implementation of the objectives and/or goal of this statement follows Pope John Paul II's document "Pastores dabo Vobis: I Will Send You Shepherds."

The institute has been in existence for 19 years, and more than 10,000 priests have attended all or part of the summer and winter institutes. Foundation money assists the institute in financing the best possible international faculty and research efforts to guide the implementation of the Vision Statement. Visit the Web site at clergy.shu.edu

The Sister Rose Thering Endowment for Jewish-Christian and Holocaust Studies

The Sister Rose Thering Endowment, established in 1993 in honor of Sister Rose's work as an educator and advocate for improving relations between Christians and Jews, is part of the Department of Jewish-Christian Studies in the College of Arts and Sciences.

The goals of the endowment are to promote interreligious understanding and cooperation through education; to provide tuition assistance for teachers in public, private and parochial schools for graduate courses in Jewish-Christian and Holocaust studies at Seton Hall University; and to allow teachers to enroll as non-matriculated students for up to 12 credits and receive a certificate of completion. Teachers may also enroll in the Graduate Department of Jewish-Christian Studies to obtain a Master of Arts degree.

The endowment allows both educators and members of the community to explore lessons of lasting social significance, countering the destructive power of prejudice, anti-Semitism, ethnocentrism and bigotry born of ignorance, through workshops, lectures and travel programs. This program follows the mandate of the state of New Jersey to teach about the Holocaust in all schools, grades K-12.

Sister Rose's Passion, a film about the life and work of Sister Rose Thering, won the award for the short documentary film category at the Tribeca Film Festival in 2004 and was nominated for an Academy Award® in 2005.

Scholarship applications are available by calling the office of the endowment, (973) 761-9006, contacting us by email, zirlmari@shu.edu, or searching our Web site academic.shu.edu/thering

Alumni Relations and the Alumni Association

Matthew Borowick, Assistant Vice President

The Department of Alumni Relations, with a constituency of more than 70,000 alumni, serves as the primary resource for all Seton Hall University graduates.

The Alumni Association is governed by a Board of Directors which is composed of members representing different constituent groups. The executive committee has a president, president-elect, four co-chairs, a treasurer, secretary and members of special committees. The board is responsible for supporting the development of all activities involving University alumni.

The objectives of the association are to communicate the mission and ideals of Seton Hall University. This is accomplished by establishing a dialogue and environment that encourages Seton Hall alumni to be proud proponents of and consistent supporters of their alma mater and fellow alumni. Membership in the Association is open to anyone who has received a degree from Seton Hall University or who has been a student in good standing for a period of one academic year, but has withdrawn under honorable conditions. Recognizing the vital importance of building relationships with our many alumni, the Department of Alumni Relations produces both print and electronic communications that contain updates on campus activities, feature stories about alumni and news from the various schools, alumni chapters and constituent groups.

For more information on the Alumni Association and alumni activities, call (973) 378-9822 or 1-800-992-GRAD. You may also write to the Department of Alumni Relations, Seton Hall University, George M. Ring Building, 457 Centre Street, South Orange, NJ 07079-2691, or visit the Web site at alumni.shu.edu

The Office of International Programs

Jürgen W. Heinrichs, Ph.D., Faculty Adviser

The Office of International Programs, located in the College of Arts and Sciences at Seton Hall University, serves to internationalize the Seton Hall community through services in three distinct areas.

1. Study Abroad

Seton Hall faculty members run a number of study abroad programs every year. They are primarily short-term programs run mainly in the summer. These study abroad opportunities are offered in many countries, including Spain, France, Italy, Ireland, England, Russia, Mexico, Japan, China and Korea. The Office of International Programs (OIP) promotes these programs and acts as a central information point. The OIP encourages students to make study abroad part of their college experience which is why the OIP also provides information, guidance and support to students wishing to study abroad on non-Seton Hall study abroad programs. The office also maintains and develops exchange agreements with many universities abroad.

2. International Student Services

The OIP assists international students and scholars studying at Seton Hall. This includes issuing the initial documentation required to obtain a student visa, as well as providing immigration counseling to all international students regarding maintaining visa status, employment, traveling, changing status, etc. Additionally, the OIP strives to assist foreign students with integration into the Seton Hall community through social and cultural events. The OIP also provides assistance and guidance to the International Student Association (ISA).

3. Cultural Activities and Center

The OIP also aims to promote awareness and understanding of other cultures throughout the campus. In addition to sponsoring cultural events, study abroad and international students on campus, the OIP achieves this by supporting cultural centers and institutes on campus such as the Asia Center and the Puerto Rican Institute.

For further information, individuals may contact the Office of International Programs at (973) 761-9072 or by visiting academic.shu.edu/oip

The Asia Center

The Asia Center at Seton Hall has a long and rich history of more than 50 years. The center's mission is to foster understanding, respect and knowledge of East, Southeast and South Asia among the Seton Hall and local communities. The Asia Center works in cooperation with the Department of Asian Studies and other groups promoting interest in Asia to support the exploration of Asian history, cultures, politics, and social and economic issues.

In supporting the University's mission and commitment to its Catholic faith, the Asia Center aims to be a leader in creating dialogue about Asia and enhancing our community's understanding of the importance of this region. The Center

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enacts this mission by promoting exchange programs; supporting educational programs; supporting church initiatives in Asia; and sponsoring lectures, research and cultural events. The center also acts as a hub for exchange among Americans, especially Catholics, interested in Asia, and the Asian Catholics anxious to share the cultural awareness of their faith.

The Asia Center is one of the many activities of the Office of International Programs that aims to reinforce the University's mission of creating a more diverse, culturally aware community of global servant leaders.

The Joseph A. Unanue Latino Institute

Seton Hall University is poised to become the premier site for Latino Studies in the tristate area through the creation of a Latino Institute and a proposed undergraduate major in Latino studies. Building on a rich legacy of service to the Seton Hall Latino community by the Puerto Rican Institute (founded in the early 1970s) and the Dominican Republic Institute, the Latino Institute has evolved as an institution that seeks to fulfill two intertwined missions. The first is one of service. The institute is the home at Seton Hall for Latino students and all students, faculty and staff with an interest in Latin American and Latino topics. The second is one of scholarship. Through generous support from a benefactor and the support and initiative of Monsignor Robert Sheeran (who said we're living in a "Latino moment"), the trustees and the dean of the College of Arts and Sciences, the Joseph A. Unanue Latino Institute and proposed Latino Studies program will promote research and teaching on aspects of Latino culture.

Faculty members in the College of Arts and Sciences plan to launch a comprehensive and interdisciplinary Latino studies major in 2005-06. This major, combining Seton Hall's existing assets in the areas of modern languages, culture (sociology, anthropology and religious studies), history, and political science, and building the University's resources over time in terms of faculty specializing in Latino and Latin American studies, will put Seton Hall University on the map among premier Latino studies programs in the country with the highest level of institutional support and prestige. For more information, visit academic.shu.edu/latinoinstitute, e-mail latinoinstitute@shu.edu, call (973) 761-9422 or visit our office in Fahy Hall 246.

Seton Hall University Parents' Association

Parents and family members are an integral part of the Seton Hall community and play an important role in enhancing the student experience. The goal of the Parents' Association is to educate and inform parents and family members about the University's goals and programs, and to engage and involve them in events and activities that demonstrate the value of a Seton Hall University education. Annual activities include the Parents' Association Reception for undergraduate parents and families during University Day in October, the Parents' Association Reception and activities during New Student Orientation in June and August, and the Parents' Association Men's Basketball Pre-Game Dining event at Continental Airlines Arena.

The Parents' Association Web site at www.shu.edu/parentsassn.html is a valuable source of information for parents and family members. Visit the Web site to learn more about the association and to subscribe to the new Parents' Association e-mail newsletter.

Cultural and Community Programs

Seton Hall University hosts many cultural programs that are open to the general public as well as the University community.

University Arts Council

Since 1982, Seton Hall University's Arts Council in the College of Arts and Sciences has attracted nationally and internationally renowned artists to campus and celebrated our faculty and students' artistic endeavors. As a result, Seton Hall students, faculty and staff, and the surrounding communities enjoy a wealth of opportunities for dialogue and cultural enrichment through the arts. The Arts Council serves as the umbrella organization for the Arts Council Concert Series, Jazz 'n the Hall, Latino Institute, Multicultural Film and Lecture Series, Poetry-in-the-Round, and Theatre-in-the-Round, and works in collaboration with other arts and cultural groups on campus. It strives to better market the art and cultural events and foster collaboration among the different groups. The Arts Council, in conjunction with the Center for Vocation and Servant Leadership, oversees the awarding of grants through the "Exploring Faith and Vocation through the Arts" program. Visit artsci.shu.edu/artscouncil for more information or to see a schedule of events.



Jazz 'n the Hall

Gloria Thurmond, D.T., Director

The Jazz 'n the Hall program brings prominent jazz musicians to Seton Hall University several times a year for public performances. Recent performers have included the Mose Allison Quartet, Paquito de Rivera, Lew Tabackin, Trio da Paz, and Freddy Cole. For more information, call (973) 761-9022 or e-mail artscouncil@shu.edu

Theatre-in-the-Round

Peter Reader, M.F.A., Director and Designer

The Seton Hall University Theatre-in-the-Round program runs throughout the year and consists of three schedules of productions. Four shows are presented during the academic year, September to May. The actors in these shows are primarily students directed by a faculty member. Shows vary from classical to modern. The program strives to give students a practical and historical approach to the dramatic arts. All students are eligible to audition.

The second schedule is that of the Celtic Theatre Company (CTC), which presents plays on Irish themes. CTC is a repertory company in residence at Seton Hall.

The Summer Theatre-in-the-Round is a semi-professional program committed to a lighter fare of entertainment. The season usually starts during the last week of June with a musical, followed by a comedy, and ends with a mystery in the second week of August. The acting staff for the summer productions includes professional, community, alumni and student talent. The Summer Theatre-in-the-Round offers Seton Hall students a taste of competitive commercial theater. For more information, call (973) 761-9474, or visit artsci.shu.edu/theater

Poetry-in-the-Round

John Wargacki, Ph.D., David Stevens, Ph.D., and Jeffrey Gray, Ph.D., Directors

Widely regarded as one of the best reading series in the nation, Poetry-in-the-Round invites the world's most compelling and celebrated writers to Seton Hall University each year to read and discuss their works with students and community members. Among the many poets, novelists and critics who have come to Seton Hall are Amy Tan, George Plimpton, Harold Bloom, Adrienne Rich, Jonathan Franzen, Frank McCourt, John Updike, Arthur Miller, Ted Hughes, Jorie Graham, Nadine Gordimer, Derek Walcott and James Merrill. For more information about the series, call (973) 761-9000 Ext. 5105, or visit the Web site at artsci.shu.edu/poetry

Arts Council Concert Series

Dena Levine, D.M.A., Director

For more than 20 years, Seton Hall's Arts Council has sponsored the Arts Council Concert Series, presenting more than 350 compositions of more than 100 composers performed by soloists and large and small ensembles from 25 countries around the world.

Students, faculty and guests from the community at large have enjoyed the opportunity to hear and meet world-renowned soloists such as Jorge Bolet, Leonard Pennario, Rudolph Firkusny, Bella Davidovich, Ilana Vered, John O'Connor, Ruth Laredo and Emanuel Ax, pianists; Ransom Wilson, flutist; Ruggiero Ricci, Jaime Laredo, Robert McDuffie and Elmar Olivera, violinists; Kim Kashkashian, violist; Janos Starker and Nina Kotova, cellists; the Romeros, Sharon Isbin and Brazilian Guitar Quartet, guitarists; Fusako Yoshido, koto player; and many others.

All events are available at a reduced price to students, faculty and staff with valid Seton Hall I.D. To receive information about the series, as well as subscriptions and single tickets, call (973) 275-2450.

The Multicultural Program Film and Lecture Series

Christopher Sharrett, Ph.D., Director

The Multicultural Program, in addition to its academic courses, offers a free film and lecture series open to the general public and the Seton Hall community. Both the film and lecture series explore diversity issues related to ethnicity, race, religion, class and gender. Feature films, domestic and foreign, and riveting documentaries give the film series a focus and a universal perspective. The film series has lively discussions following each viewing – led by an expert guest host. The lecture series has brought to campus well-known scholars such as two-time Pulitzer Prize winner historian David Levering Lewis, Andrew Hacker and Deborah White, as well as prominent film directors/producers Tami Gold, Frederick Marx, William Miles and Peter Miller.

Through films, lectures and conferences, the Multicultural Program has sought to bridge the racial, religious, class and gender fault lines of the national and global divide through the promotion of increased understanding of our similarities and appreciation of our differences. Church and community groups are welcome. For information, call (973) 275-2768 or (973) 761-9385.

The Joseph A. Unanue Latino Institute

The Latino Institute is a new and comprehensive academic and cultural program. In connection with the proposed Latino studies major, the Latino Institute has begun to offer cultural programming. In 2004-05 highlights include co-sponsorship of Voces y Visiones, a traveling exhibition of artwork from El Museo del Barrio's permanent collection, on view in the Walsh Gallery; a lecture by noted anthropologist Arlene Dávila titled "Barrio Dreams: Puerto Ricans in the Neoliberal City," film screenings and discussions with the filmmakers of new documentaries such as *Tats Cru, Inc.* by Cristina Esterás Ortiz and *Deportado*, by Nina Siulc. We also offer workshops such as "Are you a Taíno and don't know it?," a workshop on Taíno history and culture with Jorge Estévez, and a print making workshop with artist Julio Valdez. The institute also supports the Latino student organizations on campus by collaborating with, advising and publicizing their programs. For more information, please visit our Web site at academic.shu.edu/latinoinstitute

Archbishop Peter L. Gerety Lecture Series

Monsignor Robert Wister, Hist.Eccl.D., Director

Through a grant received from Archbishop Emeritus Peter L. Gerety, Immaculate Conception Seminary School of Theology sponsors a lecture series in Church history, broadly defined. These lectures (usually one per semester) are given by prominent figures from the fields of education, Church, public service and journalism. They address issues of contemporary interest with some attention to the historical roots of these issues.

Information about the Archbishop Peter L. Gerety Lecture Series may be obtained by calling the School of Theology, (973) 761-9575, or by visiting the Web site at theology.shu.edu/lectures.htm

Monsignor John M. Oesterreicher Lecture

Reverend Lawrence Frizzell, D.Phil., Director

The John M. Oesterreicher Endowment funds an annual lecture in memory of Monsignor Oesterreicher, founder of the Institute of Judaeo-Christian Studies at Seton Hall University.

Additionally, a series of conferences and workshops sponsored by the Institute deal with current and historical perspectives in the relationship between Christians and Jews. These programs are open to the public.

More information may be obtained by calling the Institute of Judaeo-Christian Studies at (973) 761-9751.

Voices of Our Time Lecture Series

Sponsored by the Seton Hall University Honors Program, the Voices of Our Time Lecture Series presents notable individuals whose scholarship, leadership or commitment to values-centered critical thinking have made their voices essential to appreciating the complexities of today's world. The lecture series provides a stimulating and interactive environment for University students, the Seton Hall community, alumni and friends of the University, and members of the local communities. Guest lecturers address a wide range of topics and share their unique perspectives and challenging insights. The lecture series, which launched in March 2002, has hosted such luminaries as Nobel Laureate and Pulitzer Prize winner Toni Morrison; Amy Tan, author of *The Joy Luck Club* and other novels and short stories; and James Tówey, director of the White House Office of Faith-Based and Community Initiatives, who led a panel discussion focusing on President George W. Bush's campaign "to enlist, equip, enable, empower and expand the heroic works of faith-based and community groups." For more information on the Voices of Our Time Lecture Series visit the Web site at events.shu.edu/voices_lecture_series/index.html

The Philip and Mary Shannon Seton Hall Speaker Series

The Philip and Mary Shannon Seton Hall Speaker Series presents distinguished lecturers with a recognized global perspective on current and international issues. Past Shannon speakers have included *New York Times* foreign affairs columnist Thomas L. Friedman and presidential historians David McCullough, Robert Caro and Doris Kearns Goodwin.

Philip Shannon is a member of the Seton Hall University Board of Regents and is the founder and retired CEO of Online Financial Corporation in Dunwoody, Georgia. Shannon is president and his wife, Mary, is director of The Philip and Mary Shannon Foundation, a private grant awarding foundation.

Enrollment Services



Bayley Hall, 400 South Orange Avenue
1-800-THE-HALL (843-4255)
(973) 761-9332
thehall@shu.edu
Associate Vice President: Thomas Green

Admission

Student Classification

Seton Hall University classifies undergraduate students as listed below:

Matriculated Students

Those who have applied for admission to a degree program and have been accepted by the Committee on Admissions for a prescribed course of study leading to the baccalaureate degree.

Nonmatriculated Students

Those who have not made formal application to a degree program but have been approved by the Committee on Admissions to enroll in courses; or those who have made formal application to a degree program but have only been

accepted by the Committee on Admissions in a nondegree status as a nonmatriculated student.

Credit Limits: Nonmatriculated students may enroll for a maximum of 9 credits per semester and may pursue no more than 18 credits total. If a nonmatriculated student wishes to apply for matriculation, that student must apply with Enrollment Services no later than the term in which the 18-credit maximum will be reached. Students reaching the 18-credit maximum who do not wish to matriculate must sign a statement indicating non-intent to matriculate.

Visiting Students: Students currently enrolled in another institution who wish to take courses at Seton Hall as nonmatriculated students must present a copy of their college transcript or a letter from their institution giving them permission to enroll in classes at Seton Hall, or sign a statement indicating non-intent to matriculate. Seton Hall does not normally enroll nonmatriculated students who have been dismissed from or placed on probation by their previous institution.

Full-time Students

Those in a degree program who take courses for 12 or more credits in any semester, day or evening.

Part-time Students

Those in a degree program who take courses for 11 or fewer credits in any semester, day or evening.

Qualifications for Admission

The University actively seeks qualified persons of varied races, cultures, experiences and national backgrounds. Qualified students are admitted without regard to race, color, religion, age, handicap, sexual orientation, national origin, ancestry or gender. The minimum academic requirement for admission is satisfactory completion of a college-preparatory course of study, indicated below, in an accredited secondary school with credit for 16 acceptable units or a secondary school equivalency diploma. The electives presented should be academic in nature, embracing courses in language arts, mathematics, science, social studies, foreign languages or humanities.

English	4 units
Foreign Language	2 units
Algebra I	1 unit
Plane Geometry	1 unit
Algebra II	1 unit
Science (laboratory)	1 unit
Social Studies	2 units
Approved Electives	4 units

Students wishing to major in the physical or biological sciences are expected to have a more extensive background in the appropriate science areas. Applicants for the College of Nursing must present two units in science (biology and chemistry) in addition to the general University requirements for admission. Students wishing to major in music must audition before being admitted into the major.

Except when waived by the Committee on Admissions, scores on either the Scholastic Assessment Test (SAT) or the

American College Test (ACT) must be submitted by all applicants. For those freshmen applicants seeking admission for the fall 2006 semester and beyond, a writing test on either the SAT I or ACT assessment is required. Students who reside in Puerto Rico may submit the SAT or the Test of English as a Foreign Language (TOEFL) with their Prueba de Aptitude Academica (PAA) scores. Waivers of test scores generally are granted only to those students who graduated from high school at least five years prior to applying or to transfer applicants who have completed 24 credits or more of college-level work at the time of application.

Every application is reviewed individually. The Committee on Admissions reserves the right to waive any of the above-mentioned requirements in exceptional cases when the quality of the applicant's overall record shows promise of success in college level study.

Application Procedures for First-Year Students

All applicants should submit a completed application, essay, counselor report, application fee, official copy of high school transcript and SAT or ACT scores by March 1 for the Fall Semester and December 1 for the Spring Semester. Some programs may have earlier deadlines. A personal interview is not a necessary part of the application procedure but is strongly recommended and can be arranged by request.

Decisions are made by the Committee on Admissions on a rolling basis as applications become complete. Fall Semester notification begins in December; Spring Semester notification begins in November. The University requires accepted students to confirm their intention to enroll by May 1. (Some exceptions apply.) Late applicants, if accepted, receive extensions beyond this date.

No applicant is permitted to register for any undergraduate course until a letter of acceptance has been received. Freshman applicants who are not accepted for admission are not permitted to enroll under any status or in any department of Seton Hall for a minimum of one year. Some applicants are placed on a waiting list depending on the size and competitiveness of the applicant pool. All waiting list candidates will be notified of a final decision.

Home Schooled Students

Students that have been home schooled are required to submit a completed application, essay, recommendation letter, application fee, SAT or ACT scores, a copy of their home-school curriculum with a list of textbooks used for each of the major unit requirements listed in the qualifications for admission section above and the results of the General Equivalency Diploma with a total score of at least 225 and no individual score of less than 45.

Transfer Students

Official transcripts of all college-level work taken at other institutions and an official high school transcript must be sub-

mitted in conjunction with the completed application form and fee. Candidates with fewer than 24 credits of college-level work at the time of application also are required to submit scores from the Scholastic Assessment Test (SAT) or American College Test (ACT). All credentials should be submitted by June 1 for the Fall Semester and December 1 for the Spring Semester. Accelerated Nursing students should have all credentials submitted by April 15 for the Fall Semester and July 15 for the Spring Semester.

Decisions are made by the Committee on Admissions on a rolling basis. Seton Hall normally does not enroll transfer applicants who recently were dismissed or placed on probation from other institutions within the previous year. Transfer applicants who are not accepted for admission are not permitted to enroll under any status or in any department of Seton Hall for a minimum of one year. Transfer applicants from other regionally accredited two and four-year post-secondary institutions who are accepted to Seton Hall University will have their previously earned college credits evaluated for advanced standing at Seton Hall. Seton Hall will accept up to 100 credits of college-level courses completed with a grade of "C" or better at accredited colleges and universities. (Remedial and developmental courses are not deemed college-level).

Enrollment Services, in consultation with the deans' offices of each school/college of the University, will perform transfer evaluations of credit earned on a course-by-course basis and notify accepted students of advanced standing granted. In recognizing courses for transfer credit, the schools/colleges of the University must observe the regulations of their accrediting agencies. The University also reserves the right to refuse to accept credits from a previously attended institution that was not listed on the application for admission. Accepted A.A. or A.S. degree graduates of an accredited two-year college will be considered for core-waiver approval by Enrollment Services, depending upon the date and sequence in which their associate's degree was earned. Student earning an A.A.S. degree are not eligible for a core waiver.

**Those graduates who are accepted and have earned a minimum cumulative GPA of 2.0 may have their entire Seton Hall arts and sciences core requirement waived. As a Catholic institution of higher learning, Seton Hall has a tradition of quality education based on Christian values. Therefore, certain exceptions apply to the core waiver. Students must complete, either at Seton Hall or their current institution, the following:

- one course (3 credits) or its approved equivalent in ethics;
- one course (3 credits) or its approved equivalent in logic (this is not a requirement for the Stillman School of Business);
- two courses (6 credits) or their approved equivalent from the following sequence (the College of Nursing only requires one course/three credits from this sequence):

RELS 1010	The Religious Dimension of Life
RELS 1102	Introduction to the Bible
RELS 1202	Christian Belief and Thought
RELS 1302	Introduction to Catholic Theology
RELS 1402	World Religions

RELS 1403 History of Asian Religious Reflections

Further exceptions to this core-waiver policy are:

- A.A. or A.S. degree graduates who wish to pursue a major in nursing may only have the English literature and history core requirements waived.
- A.A. or A.S. degree graduates who wish to pursue a major in the School of Business may not have their mathematics core requirement waived.
- A.A.S. degree graduates may not have their core requirements waived.

International Students

Seton Hall welcomes applications from international students for either full-time degree programs or the English as a Second Language (ESL) Program. International students interested in applying to Seton Hall University may contact Enrollment Services - Bayley Hall, Seton Hall University, 400 South Orange Avenue, South Orange, NJ 07079; (973) 761-9332; fax (973) 275-2040; or visit their Web site at admissions.shu.edu

International students applying for full-time study in degree programs should take the Scholastic Assessment Test (SAT) and must submit their applications for admission, application fee and all official documents several months in advance of the semester in which they plan to enroll. Students for whom English is a second language and who have been in the United States for fewer than five years may submit results of the Test of English as a Foreign Language (TOEFL) in place of the SAT.

The University requires that all transcripts be original. Transcripts not in English must be accompanied by a certified English translation. No documents submitted as part of the application process will be returned nor will any requests to duplicate documents be honored. Seton Hall requires international applicants to have all transcripts from institutions not accredited in the United States to be evaluated by World Educational Services (WES). Students are responsible for all costs associated with credential evaluation. Applications submitted without a credential evaluation from WES will not be considered for admission. For more information about the services of WES contact them directly at info@wes.org or visit their Web site at www.wes.org

F-1 Visa students accepted by other institutions are eligible to transfer after they have successfully completed at least one semester of full-time academic work at that institution, demonstrated proficiency in English and submitted adequate evidence of financial support.

If a student is not an American citizen or permanent resident, he or she is not eligible to receive any need-based financial aid.

The University requires that all international students carry basic health and hospitalization insurance. Upon arrival, those international students who do not have current health insurance will be required to purchase health coverage through the University and must maintain this coverage throughout their studies.

English as a Second Language

Applicants for the English as a Second Language (ESL) Program are required to submit the appropriate application. Applicants who need a student visa to attend the ESL Program also must submit certification of financial support.

International students who are applying to study English as a Second Language will be admitted only to the ESL Program. Upon successful completion of the prescribed course of study, students will be awarded a certificate of proficiency by the ESL Program.

Admission to the ESL Program does not constitute admission to a degree program at the University. However, ESL Program students are eligible to apply for admission to the University after successful completion of the program. Successful completion of the ESL Program at Seton Hall can be submitted in place of a TOEFL score for admission as a matriculated student.

For further information on the English as a Second Language Program visit education.shu.edu/esl

Visas

Seton Hall University is permitted by the U.S. Immigration and Naturalization Service to admit non-immigrant students. Upon admission to a degree program, the student is issued an I-20 A/B, which is used to pursue a student visa through the American Embassy or Consulate in the student's home country. This must be current at all times. The international student must pursue a full-time course of study (12 or more semester hours) to remain in status, except during the summer.

Before an immigration form is issued, the following must be submitted to the University:

- declaration and certification of finances form, with supporting documentation; and
- request for Certificate of Eligibility (Form I-20).

Readmission

Degree candidates whose work has been interrupted for two or more consecutive semesters and who have not attended another institution in the meantime, are subject to reevaluation upon return and may be held to any change of requirements that may have been instituted in the period of absence. Students seeking readmission also must complete and file an Honorable Dismissal Form, if they have not already done so, before their application for readmission will be considered.

When students who have been away from Seton Hall for more than one year are readmitted, they must follow the catalogue requirements in effect at the time of readmission. Students may be evaluated on a case-by-case basis, with program modifications made at the dean's discretion.

Students in good academic standing when they leave the University are academically eligible to return to regular student status upon their readmission. Students who are not in good academic standing when they leave the University must meet any restrictions or conditions imposed by their dean.

When a student who has been suspended for academic reasons has been absent from the University for less than one year, the student must meet the criteria of the academic dean before

being allowed to return to studies at Seton Hall. Such a limited absence does not require that the student reapply through admissions; the student should contact the academic dean directly.

When the absence of a suspended student has exceeded one year, the student must file an application for readmission with the Office of Admissions.

In cases where the conditions of the suspension imposed by the academic dean involve completion of studies at a community college with specific grade and credit requirements, the readmission review process will encompass an assessment of those requirements, as well as consultation with the dean's office.

Placement Tests for First-Year Students and Transfer Students

Seton Hall University administers placement tests in English and math to all first-year and transfer students who have not taken college-level introductory English or math courses. The English test measures a student's reading and writing skills. The math test measures a student's ability to assess computational functions and solve elementary algebraic equations. Students who are considering a major in the sciences also will be tested on trigonometric and logarithmic operations.

Placement tests in foreign languages are given to students who plan to enroll in a foreign language to which they have had some prior exposure. Placement tests are given at the beginning of the Fall and Spring semesters. There is no fee for taking the tests. It is recommended that students prepare well before taking any of the placement tests. Satisfactory scores on the English and math placement tests are prerequisites to the college-level sequence of courses in English, mathematics and science.

Students who do not perform satisfactorily on the English and/or math placement tests will be required to take developmental courses. In English, one of the following courses or workshops may be required: ENGL 0100, ENGL 0150, ENGL 0160, ENGL 0180. In mathematics, MATH 0012 may be required. Final grades for these courses are recorded as satisfactory pass (SP) or required to repeat (RR). Students must maintain a "C" average in these courses and may have to pass a post-test form of the placement test to earn a grade of SP. Institutional credit is granted for these courses. Institutional credit counts toward determining class standing (freshman, sophomore, junior, senior), but does not count toward credit required for graduation. Students who are required to complete developmental courses must do so in the first semester of enrollment.

For more information, contact the academic advising office of Freshman Studies (973) 761-9740.

Credit by Examination

Advanced Placement Examinations

Students with secondary school records indicating superior performance and who attain a score of 4 or 5 on an Advanced Placement Examination of the College Entrance Examination

Board receive credit and may be permitted to register for advanced courses in the area(s) in which they qualify. No more than 30 credits may be obtained through examination.

The English department grants credits for the following courses for Advanced Placement. Examinations passed with a grade of 4 or 5, and for students passing Project Acceleration courses with a grade of C or higher:

- AP Language and Composition Exam: ENGL 1201 College English I & ENGL 2101 Great Books I
- AP Literature and Composition Exam: ENGL 1201 College English I & ENGL 2101 Great Books I
- Students passing both AP Exams with a grade of 4 or 5 should consult with the chair of the English department for an additional 3-credit course, for a total of 9 credits.

College-Level Examination Program

General and Subject examinations of the College-Level Examination Program (CLEP), with certain limitations, are recognized for advanced standing credit. General Examination scores must be at or above the 50th percentile for degree credit. No score in mathematics or any language except Spanish will be considered for credit, and no CLEP credit will be granted in a student's major. To receive credit for Subject examinations, scores must be at or above the recommendations of the Commission on Educational Credit of the American Council on Education. Students should consult Enrollment Services before registering for CLEP examinations. The maximum number of credits by examination that may be applied toward a baccalaureate degree is 30. Full-time students may not apply for CLEP credits within their final 60 credits. Part-time students may not apply for CLEP credits within their final 30 credits.

International Baccalaureate

Seton Hall University grants placement and credit for higher-level examinations of the International Baccalaureate (IB). Advanced placement credit will only be considered for higher-level passes above grade 5.

Campus Tours

Campus tours are offered regularly throughout the academic year by the Student Ambassador Society. Tour appointments may be arranged by visiting the Web site at admissions.shu.edu

Financial Aid

Seton Hall University maintains and administers programs of financial aid funded by the University, federal and state governments, and various industries and foundations. Financial aid may be in the form of a scholarship, grant, loan, employment opportunity or a combination of these. The University believes that, in most cases, the amount of aid granted to a student should be based on financial need, and therefore requires each applicant to file a Free Application for Federal Student Aid (FAFSA). This form is used to determine a student's eligibility for federal, state and institution financial aid. In completing the FAFSA, be sure to include Seton Hall's Title IV School Code: 002632. In addition to the general University require-

ments and procedures for application for admission, students requesting financial aid must complete the FAFSA as soon as possible after January 1 each year. Because funds are limited, applications are considered on a first-come, first-serve basis.

Federal Programs Administered by Seton Hall University

Federal Pell Grant

A federal grant program of up to \$4,050 per academic year.

Federal Perkins Loan

A 5 percent interest loan based on financial need.

Federal Supplemental Educational Opportunity Grant

A grant to students from low-income families, on a funds available basis.

Federal Work-Study Program

Students who demonstrate need may qualify for part-time jobs at the University (maximum 20 hours per week). The federal government contributes the major portion of the funds; the University contributes the remainder. Applications are available through Enrollment Services.

Community Service Learning Program

Seton Hall participates in the Community Service Learning Program. Community Service jobs are available to interested students. Information is available from Enrollment Services, (973) 761-9332.

Veterans Benefits

Eligible student veterans may receive monthly payments under the Veterans' Education Program. Children and spouses of veterans whose death or total and permanent disability was service-connected may be eligible for educational benefits under the War Orphans' Educational Act of 1956. Details on these programs are available from the nearest Veterans' Administration Office or Enrollment Services.

ROTC Scholarships

For full-time graduate and undergraduate students who seek a commission in the U.S. Army after receiving their college degrees, scholarships are awarded, in addition to an allocation for books and an annual stipend. Contact ROTC for additional information.

New Jersey State Grants

New Jersey Tuition Aid Grants (TAG)*

Full-time New Jersey residents may qualify for the TAG grant of up to \$8,498 (maximum grant for the 2004-2005 academic year) per academic year by completing the Free Application for Federal Student Aid (FAFSA) and demonstrating financial need. Eligibility is determined by the New Jersey Higher Education Student Assistance Authority (HESAA).

New Jersey Educational Opportunity Fund (EOF)*

This grant, funded by the state, is limited to New Jersey residents accepted into the University's Educational Opportunity Program (EOP) as educationally and economically disadvantaged. Awards are up to \$2,300 per year.

Distinguished Scholars Program

Awards of \$1,000 are available to qualified New Jersey residents attending in-state colleges. Students are nominated by their high schools based on scholastic records and SAT/ACT scores. Awards are renewable for four years.

Urban Scholars Programs

Awards of \$1,000 are available to qualified New Jersey residents living in the state's urban and economically distressed areas. Students are nominated by their high schools based on scholastic records and SAT scores. Awards are renewable for four years.

**Awards are renewable, provided the student maintains satisfactory academic progress and demonstrates need based on the FAFSA each year.*

Student Loans

Federal Stafford Loans

Seton Hall participates in the Federal Stafford Student Loan Program (FFELP). The program consists of Federal Stafford Loans (both subsidized and unsubsidized) and Federal PLUS loans.

Loan proceeds are delivered to the student through the school and repaid to the loan servicer. A promissory note must be signed before loan proceeds are credited to a student's account.

Unsubsidized Federal Stafford Loan

Students who do not qualify for a need-based federal loan may borrow via an unsubsidized loan whereby the student is responsible for the in-school interest. Students may contact Enrollment Services for more information.

The following limits apply to subsidized and unsubsidized Stafford loans:

	<i>Stafford</i>
Freshman	\$2,625
Sophomore	\$3,500
Junior	\$5,500
Senior	\$5,500
Graduate	\$8,500

Please note: In addition to the previously stated amounts, independent students may borrow additional amounts under the unsubsidized loan program. The amounts are: freshman and sophomores, \$4,000; juniors and seniors, \$5,000; and graduate students, \$10,000.

Parent Loan for Undergraduate Students (PLUS)

In addition to student loans, parents may borrow up to the cost of education less any financial aid the student receives.

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Interest is capped at 9 percent and repayment begins 60 days after the second disbursement of the loan.

Interest rates for Federal Stafford and PLUS loans are set annually by the United States Department of Education. More information about these loan programs may be obtained from Enrollment Services or from the United States Department of Education at <http://studentaid.ed.gov>.

New Jersey College Loans to Assist State Students (CLASS)

The state of New Jersey administers a supplemental program that permits students in a New Jersey college or university and/or their parents to borrow up to the cost of education less financial aid at a variable interest rate or less. Information may be obtained by calling the New Jersey Higher Education Student Assistance Authority, 1-800-792-8670.

University-Funded Programs

Chancellor's, Provost's and University Scholarships

These are academically competitive, partial- and full-tuition scholarships offered to outstanding incoming freshmen. Chancellor's Scholarships are limited to graduates of Catholic high schools upon recommendation of their principals or guidance counselor; Provost's Scholarships are limited to graduates of non-Catholic high schools upon recommendation of their principals or guidance counselor. University scholarships do not have a special application. Applicants for admission automatically will be considered based on high school records and SAT or ACT scores. These scholarships are subject to renewal based on evidence of continued high academic achievement at the University. Awards are partial-tuition scholarships.

Reverend Martin Luther King Jr. Scholarships

Ten competitive scholarships are offered each year to freshmen minority students who are academic scholars and have volunteered in their community to achieve the dreams exemplified by the late Dr. Martin Luther King Jr.

Seton Hall Need-Based Grants

These grants are awarded to students who demonstrate financial need and above-average academic achievement. Renewal is based on continued need, satisfactory academic performance and available funds.

Athletic Scholarships

Scholarships are available for outstanding achievement in a number of men's and women's sports. Contact the Department of Athletics for more information, (973) 761-9497.

Student Employment

In addition to the Federal Work-Study (FWS) Program, the University funds a number of campus jobs that are not based on financial need. Applications are available in Enrollment Services.

Phi Theta Kappa Scholarship

These scholarships are awarded annually to students from community colleges who are members of the Phi Theta Kappa

honor society. No scholarship application is required to receive the scholarship, however students must provide proof of Phi Theta Kappa membership.

Transfer Scholarships

These scholarships are awarded annually to qualified transfer candidates. To be considered for a scholarship, the transfer applicant must demonstrate exceptional academic achievement.

Sibling 10 Percent Tuition Discount

Eligible siblings are two or more brothers or sisters who are concurrently enrolled as full-time undergraduate degree students at Seton Hall. The siblings must be dependent students who reside in the same household. Applications are available in Enrollment Services.

Endowed Scholarships

The following established scholarships contribute toward the expenses of eligible students to the extent of income derived from the University's scholarship endowment. For awarding purposes, the interest from many of the scholarships is pooled together (as indicated by the asterisk *), which eliminates the need for a specific application. Generally, the only application needed for these scholarships is the Free Application for Federal Student Aid (FAFSA). For those scholarships that do have restrictions, every effort is made by the University to identify worthy recipients.

Licia Albanese Scholarship*

Founded in 1951 by Licia Albanese of the Metropolitan Opera and friends.

All Saints Church, Jersey City, NJ, Scholarship

Founded in 1928 by Monsignor Joseph H. Meehan, LL.D., of Jersey City.

Alumni Association

Established in 1986 and funded through the efforts of the Alumni Association.

Joseph and Margaret Auth Scholarship

Founded in 1931 by Reverend Alois Auth of St. Nicholas Church, Jersey City, in honor of his parents.

Bayley Seton League Scholarship*

Founded in 1944 by the Bayley Seton League of Seton Hall University.

Monsignor Daniel Brady, All Saints, Jersey City, NJ, Scholarship

Founded in 1951 by Monsignor Daniel J. Brady.

Edward and Alice Byrne Scholarship

Founded in 1941 by the estate of William E. Byrne in memory of his father and mother.

Joseph M. Byrne Sr. Scholarship*

Founded in 1953 by Joseph M. Byrne Jr. in memory of his father.

Philip H. Campbell Memorial Scholarship

Founded in 1931 by Mrs. Charlotte R. Campbell of Newark in memory of her husband.

Honorable Peter J. Carey, K.C.S.G. Scholarship*

Founded in 1936 by Raymond T. Carey in honor of his father.

Monsignor Eugene P. Carroll Scholarship

Founded in 1939 by Monsignor Eugene P. Carroll of Hoboken.

Joseph J. Carroll Scholarship

Inaugurated in 1983 by a contribution from C.I.T. Financial Corporation in honor of Mr. Carroll '60, a senior executive of the corporation. This award is presented annually to a senior accounting major selected by the faculty of the Department of Accounting and Financial Management.

The Raymond G. Chambers Scholarship

Established in 1985 in memory of Thomas J. Griffin.

Reverend Henry G. Coyne Memorial Scholarship

Founded in 1933 by Monsignor John J. Murphy of Sacred Heart Church (Vailsburg), Newark.

Edward C. Devine Scholarship

Founded in 1952 by the estate of Edward C. Devine.

Diamond Jubilee Scholarship

Founded in 1931 by Monsignor Joseph H. Meehan.

Reverend Arthur S. Dombrowski Scholarship

Founded in 1944 by the estate of Reverend Arthur S. Dombrowski.

Katherine E. Donoghue Scholarship

Founded in 1982 by the estate of Katherine E. Donoghue.

Bishop John J. Dougherty Scholarship

Founded in 1963 by the Scholarship Club of Seton Hall University.

First National State Bank of New Jersey Scholarship

Founded in 1974 in honor of W. Paul Stillman, chairman of the board. Recipient must be an upperclassman in the Stillman School of Business.

Ruth Foley Scholarship

Founded in 1987 by a bequest from Ruth Geraldine Foley for needy undergraduate women enrolled in the College of Education and Human Services.

Reverend John D. Furman Scholarship

Founded in 1947 by Reverend John D. Furman in memory of Mr. and Mrs. John S. Furman.

Mildred J. Galanti College of Nursing Scholarship

Founded in 1984 by Mr. and Mrs. Peter M. Galanti, this fund is restricted to students enrolled in the College of Nursing.

Peter M. Galanti College Seminary Scholarship Fund

Founded in 1975 by Mr. and Mrs. Peter M. Galanti, this fund is restricted to students enrolled in the Seminary.

Henry Gasser Scholarship

Founded in 1984 by the estate of Henry and Joan Gasser for art majors.

Gustave L. Goerz Scholarship

Founded in 1956 by Gustave F. Goerz Jr., in memory of his father.

Monsignor Joseph N. Grieff Scholarship

Founded in 1942 by the estate of Monsignor Joseph N. Grieff of Union City.

Elizabeth Menk Griffin Memorial Scholarship

Founded in 1988 by her father, Carl W. Menk, for needy and meritorious undergraduates.

John F. Hagerty, M.D., LL.D., Scholarship

Founded in 1930 by John F. Hagerty, M.D., LL.D., of Newark.

Nellie Hanley Scholarship

Founded in 1940 by the estate of Nellie Hanley of Orange.

Cornelius Heeney Scholarship

Founded in 1987 by the Brooklyn Benevolent Society for needy New York City area residents.

Charles F. Henderson Scholarship*

Founded in 1944 by the estate of Charles F. Henderson of South Orange.

John C. Henderson Scholarship*

Founded in 1950 by John C. Henderson of South Orange.

William T. Henderson Scholarship*

Founded in 1946 by William T. Henderson of South Orange.

Hispanic Student Scholarship

Founded in 1991 by Joseph A. Unanue Sr. for needy Hispanic students.

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David and Rose Hurley Scholarship*

Founded in 1952 by David J. Hurley.

Hugh T. Hurley Memorial Scholarship*

Founded in 1968 by Mrs. Carmelita Hurley and children.

C. Mark Judge Memorial Scholarship*

Founded in 1968 by friends of the Judge family in memory of C. Mark Judge of the Junior Essex Troop.

Thomas J. Kavanagh Scholarship*

Founded in 1953 by the estate of Thomas J. Kavanagh of Jersey City.

Rose Kehoe Scholarship

Founded in 1937 by the estate of Mrs. Rose Kehoe of Jersey City.

RJR Nabisco Scholarship

Founded in 1988 by alumni and RJR Nabisco Incorporated for deserving business majors.

National Starch and Chemical Company Scholarship

Founded in 1988 by The National Starch and Chemical Foundation for deserving chemistry majors.

D.J. Pat Reilly Scholarship

Founded in 1988 by The College of Nursing Alumni Association for meritorious seniors majoring in nursing.

Monsignor Joseph M. Kelley-Wilfred Yudin-Freda Yudin Tilkin Scholarship

Founded in 1963 in memory of Barnet and Anne Yudin.
Recipient must be a member of St. Peter's Parish, Belleville.

Eugene F. Kinkead Scholarship*

Founded in 1956 by Eugene F. Kinkead of South Orange.

Samuel Klein and Jerome M. Fien Scholarship

Founded in 1966 by Samuel Klein, CPA, and Jerome M. Fien, CPA, of Samuel Klein and Company, Newark, in honor of the Apostolic Delegate to the United States, the Archbishop Egidio Vagnozzi.

Knights of Columbus Scholarship*

Founded in 1944 by the New Jersey State Council of the Knights of Columbus.

Ellsworth A. Kreiger Scholarship

Founded in 1977 by the estate of Ellsworth A. Kreiger.

Elizabeth Giuliano Magnes Scholarship

Founded in 1986 by the parents of Elizabeth in her memory.
Awards limited to students majoring in education.

Honorable and Mrs. Thomas F. McCran Scholarship*

Founded in 1928 by Mrs. Thomas F. McCran of Paterson.

John G. McGrath Scholarship

Founded in 1935 by the estate of Cecile Langton of Elizabeth, in memory of her uncle.

Reverend Eugene C. McGuire Scholarship **

Founded in 1975 by the estate of Reverend Eugene C. McGuire '33, pastor emeritus of St. Leo's Church, Irvington **

Mary and Philip A. McGuire Sr. Memorial Scholarship **

Founded in 1975 by the estate of Reverend Eugene C. McGuire '33**

Monsignor John L. McNulty Scholarship **

Founded in 1959 by the Scholarship Club of Seton Hall University **

Monsignor John L. McNulty Memorial Scholarship **

Founded in 1960 by all schools, institutes and auxiliaries of Seton Hall University

Mutual Benefit Life Scholarship **

Founded in 1974 in honor of W. Paul Stillman, chairman of the board. Recipient must be an upperclassman in the Stillman School of Business.

Newark Servicemen's Scholarship **

Founded in 1948 by the Receiver of the Servicemen's Center Association of Newark **

Joseph W. Noto Scholarship **

Founded in 1959 by William Borea of Ridgefield Park, and Philip Noto, M.D., of Passaic **

Monsignor Richard P. O'Brien Scholarship **

Founded in 1974 by the estate of Monsignor Richard P. O'Brien **

*** Catherine E. O'Connor Scholarship ***

Founded in 1936 by the estate of Mrs. Catherine E. O'Connor of Newark **

John S. O'Connor Scholarship

Founded in 1936 by the estate of Mrs. Catherine E. O'Connor of Newark.

Reverend Michael C. O'Donnell Scholarship

Founded in 1959 by the estate of Mrs. Ellen M. O'Donnell.

Mary A. Potts Scholarship

Founded in 1952 by the estate of Mary A. Potts.

The Raleigh Scholarship

Founded in 1987 by an alumnus, Mr. W. James Raleigh, for undergraduates enrolled in the Stillman School of Business.

James R. Reardon Class of 1955 Memorial Scholarship

Founded in 1977 by Mrs. Patricia H. Reardon and friends in memory of her husband.

Regents Scholarship

Founded in 1986 and to be awarded to qualified incoming freshmen.

George Ring Alumni Scholarship

Founded in 1987 by an Alumni Association fund-raiser for needy finance majors.

Martin Rothschild Scholarship*

Founded in 1945 by the estate of Mrs. Elizabeth L. Rothschild of East Orange.

Sacred Heart Church, Bloomfield, NJ, Scholarship

Founded in 1915 by Reverend J. M. Nardiello.

Saint Aloysius' Church, Newark, NJ, Scholarship

Founded in 1928 by the Reverend J.J. Preston.

Saint Patrick's Church, Jersey City, NJ, Scholarship

Founded in 1928 by the Holy Name Society of that parish.

Saint Paul's Holy Name Scholarship

Founded in 1940 by the Holy Name Society of St. Paul's Church, Jersey City.

St. Rose of Lima, Short Hills, NJ, Ladies Auxiliary Scholarship

Founded in 1970 by the Ladies Auxiliary of St. Rose of Lima Church.

Caroline Di Donato Schwartz Scholarship

Founded in 1951 by Caroline Di Donato Schwartz to be used in the College of Nursing.

Maria Jeritza Seery Memorial Scholarship

Founded in 1984 through a bequest from the estate of Maria Jeritza Seery.

Archbishop Seton Scholarship*

Founded in 1927 by the estate of Robert Seton, D.D., Archbishop of Heliopolis.

Seton Hall College Day Scholarship*

Founded in 1947 by Mrs. Regina D. Hagerty of Newark, in memory of her husband, John F. Hagerty, M.D., LL.D.

Seton Hall University Scholarship Fund*

Founded in 1950 by the University.

Seton Junior League Scholarship*

Founded in 1950 by the Seton Junior League of Seton Hall College.

Francis J. Sexton Scholarship*

Founded in 1937 by Reverend Francis J. Sexton of Ridgewood.

Daniel A. Skinnel Jr. Scholarship*

Founded in 1934 by the estate of Evelyn I. Skinnel of Whitestone, Long Island, NY.

Reverend Sebastian B. Smith, J.U.D., Scholarship

Founded in 1928 by the estate of Reverend Sebastian B. Smith, J.U.D., of Paterson.

William J. Stoutenburgh Scholarship*

Founded in 1961 by William J. Stoutenburgh of Ridgewood.

Monsignor Swider Scholarship

Founded in 1929 by the estate of Monsignor Sigismund Swider, M.R., of Bayonne.

Martin F. Tiernan Scholarship*

Founded in 1956 by Martin R. Tiernan of Essex Fells.

Helen and Ruth Warrin Scholarship

Founded in 1985 by the estate of Helen Warrin for education majors.

Michael J. White Scholarship*

Founded in 1947 by Monsignor Michael J. White of Newark.

The Women's Guild of Seton Hall University Scholarship Fund

Founded in 1956 by the Women's Guild of Seton Hall University in conjunction with funds from Reverend Francis J. Sexton, F. Jerome McNulty and the International Brotherhood of Electrical Workers No. 1470. Restricted to pre-medical and pre-dental students.

C.J. Weiss Scholarship

Founded in 1983 in honor of C.J. Weiss.

Centennial Parochial Scholarships

The following scholarships are established by various parishes in the Archdiocese of Newark and are available to qualified applicants from their particular parishes:

Holy Cross Church, Harrison, NJ, Scholarship

Founded in 1953 by Monsignor William A. Costelloe.

Immaculate Conception Church, Montclair, NJ, Scholarship

Founded in 1953 by Reverend John A. Munley.

Our Lady of Grace Church, Hoboken, NJ, Scholarship

Founded in 1954 by Monsignor William B. Masterson.

Our Lady of Mount Carmel Church, Bayonne, NJ, Scholarship

Founded in 1953 by Monsignor Anthony A. Tralka.

Our Lady of Mount Carmel Church, Jersey City, NJ, Scholarship

Founded in 1954 by Monsignor Walter P. Artioli.

Sacred Heart Church, Jersey City, NJ, Scholarship

Founded in 1953 by Reverend John A. Nowlen, O.P.

Saint Casimir's Church, Newark, NJ, Scholarship

Founded in 1953 by Monsignor Paul Knappek.

Saint Genevieve's Church, Elizabeth, NJ, Scholarship

Founded in 1953 by Monsignor John H. McManus.

Saint Mary's Church, Nutley, NJ, Scholarship

Founded in 1954 by Monsignor James J. Owens.

Restricted Grants and Awards

College of Nursing Fund Scholarship

Joseph P. Connor Scholarship

A yearly award established by the Song-Writer's Guild Foundation in memory of Father Joseph P. Connor, an alumnus of Seton Hall University. Restricted to a student or students majoring in music in the Department of Art and Music.

Ernst & Whinney Scholarship for Accounting Majors

William Eyres Scholarship Fund

Hoffman-LaRoche Scholarship for Nursing Majors

Felix Labienice Grant

Clare Booth Luce Scholarship

A full-tuition scholarship for freshman and transfer women pursuing careers in research or teaching in the fields of biology, chemistry, computer science, engineering, math and physics. Nursing and pre-medical students are not considered for this scholarship. This application, as well as the application for admission, must be submitted by March 1.

Sister Agnes Reinkemeyer Nursing Scholarship

Caroline Schwartz Scholarship

Switzer Foundation Scholarship

Lawrence J. Truncale Scholarship

Van Houten Scholarship for Nursing Majors

Mobil Scholars Grant

University Affairs/Regents Scholarship

Mary Alno Sweeney Scholarship

Founded in 1955 by Robert Sweeney in memory of his wife. Two scholarships are given each year to senior baccalaureate nursing students.

John Deehan Scholarship

Founded in 1999 by the family and friends to honor his retirement of 40 years in the Accounting Department.

Student Eligibility

In order for students to receive financial aid they must meet certain eligibility requirements listed below:

- have financial need as determined by the information reported on the FAFSA;
- be a high school graduate;
- be enrolled at least half-time at Seton Hall in an eligible degree-granting program;
- be a U.S. citizen or eligible non-citizen;
- be making satisfactory academic progress toward a degree (the following section, Requirements to Maintain Eligibility for Federal Aid, contains details);
- not be in default of a federal loan or owe a repayment of a federal grant;
- comply with terms of the Anti-Drug Abuse Act;
- certify registration with selective service if required; and
- certify that information reported on the Student Aid Report (SAR) is accurate.

Requirements to Maintain Eligibility for Federal Aid

In addition to the requirements above, the Higher Education Amendments require colleges and universities to define and enforce standards of academic progress. Students receiving federal financial aid must conform to these requirements in order to be eligible for financial assistance.

Satisfactory academic progress requirements at Seton Hall provide a maximum time frame for completion of a degree, a graduated credit accumulation over time, as well as a quality mechanism. These minimum standards require students to demonstrate that they are actively pursuing their degrees.

Satisfactory Academic Progress Guidelines

General Considerations

- Federal Regulations (General Provision CRF 668.43) require Seton Hall University, Enrollment Services, to review the

academic progress of students who apply for and/or receive financial assistance. This regulation applies to each financial aid applicant whether a previous recipient or not.

- Annual Satisfactory Academic Progress evaluation cannot take place until final grades have been posted each year. Therefore, any financial assistance awarded prior to the annual academic evaluation is subject to cancellation if the minimum standards are not met.
- New transfer students will be considered for assistance for one academic year prior to the evaluation of Satisfactory Academic Progress. At the end of the first academic year of attendance at Seton Hall University, transfer students will be evaluated based on the standards for their designated academic level.
- Deficiency with the quantitative and qualitative Satisfactory Academic Progress Guidelines will result in the denial of financial assistance. Applicants denied financial assistance because of inadequate Satisfactory Academic Progress will be granted the option of appealing their aid denial. Appeals must be based on “special or unusual circumstances.”

Financial Assistance Programs Affected

Federal Programs: • Pell Grant • Perkins Loan • Supplemental Educational Opportunity Grant • Work-Study • Robert Byrd Teacher Scholarship • Federal Stafford Loan • Parent Loan for Undergraduate Students

State Programs: • Tuition Assistance Grants • Distinguished Scholars • Urban Scholars • Educational Opportunity Fund

Institutional Programs: • University Scholarships

Academic Requirements

Grade Point Average

- Undergraduate students must have a cumulative GPA of at least 1.75 for Freshmen; 1.90 GPA for Sophomores; and a 2.00 GPA for Juniors and Seniors.
- Students who meet cumulative GPA criterion, but whose GPA for any one semester falls below 1.75 for Freshmen; 1.90 for sophomores or a 2.00 for juniors or seniors will receive a letter or warning from the dean of his or her school/college, reminding the student of the criteria for probation.
- Students whose cumulative GPA does not meet the minimum requirements are automatically placed on probation for the current semester.

Number of Credits Completed - Full-Time

- Undergraduate and post-undergraduate students must complete a minimum of 75 percent of credit hours attempted for each academic year (i.e., Fall 2004; Spring 2005; Summer 2005) at Seton Hall University.
- Students attending the University a portion of an awarding year will be evaluated on that portion of the academic year.
- Students who leave the University for an awarding year will be evaluated on their most recent academic year or attendance at Seton Hall University.

Policies are subject to periodic revision due to federal legislative and regulatory requirements, as well as federal review.

Determination of Award Amounts

To be considered for any federal, state or University financial aid based on need, a student must complete the FAFSA. The federal government will then process the information and send it to the colleges indicated and to the appropriate state agencies. Students should make sure that Seton Hall University is listed on the FAFSA (use Federal ID number 002632).

Students will be awarded aid on a first-come, first-served basis, with priority given to students demonstrating highest need. Need is determined by taking the difference between total college costs (tuition, fees, room and board, books, transportation and personal expenses) and the federally calculated ability of the family to contribute to these costs.

Except for limited scholarship funds, student financial aid at Seton Hall is awarded on the basis of need and academic achievement.

Awards are made without reference to racial or ethnic origin, gender, age or physical disability. Awards are made singly or in a “package” (a combination of grants, scholarships, loans and employment). In “packaging” a student with a variety of funding, the University first estimates grants from federal and state programs not directly administered by the University, such as Pell grants, TAG and EOF grants, and outside scholarships. If eligible, students are then awarded the maximum Stafford Loan. If the student has remaining need, he or she may be awarded an S.E.O.G. (if Pell-eligible), a Perkins Loan or a Seton Hall Grant. The amount of these awards depends on the funding level for each program, as well as the total number of eligible applicants in each award year. Federal PLUS and/or NJCLASS loans may be awarded to cover any remaining gaps between financial aid, family resources and the total cost of attendance.

Student Loans: Rights and Responsibilities

Different types of federal student loans are available to assist in financing a student’s education. They are the Perkins Loan, Federal Stafford Loan (both subsidized and unsubsidized), and the Parent Loan (PLUS). (Refer to page 29 for a description of each.) Before incurring any loan, students should know the terms and conditions of the loan, as well as their rights and responsibilities as student borrowers. A loan is money that is borrowed and paid back with interest. The specific sum of money borrowed is called the principal. Interest is a percentage of the principal that the student pays as a fee for borrowing. Students usually pay back the loan in monthly installments until the entire amount of the loan (principal and interest) is repaid. In some cases, a student may postpone or defer payment of the loan, but a deferment must be approved by the loan servicer. If a student fails to repay the loan (or defaults), the government may penalize the student and may withhold money from paychecks and tax refunds. In addition, the student will be ineligible to receive future federal aid and his or

her credit rating will be negatively affected. The exact terms and conditions of a student loan may be obtained from the loan servicer. While federal student loan programs differ in some ways, a student's rights and responsibilities as a borrower are basically the same for all programs. These rights and responsibilities are specified in federally mandated Entrance Counseling.

Rights

As borrowers, students have the right to be provided with clear and concise information about the terms and conditions of student loans. The following list describes students' rights regarding financial aid:

- students must receive a copy of the promissory note that legally binds them to repay the loan;
- students have the right to a "grace period" before the repayment period begins;
- students must be given a list of deferment conditions;
- students must be informed of the full amount of the loan, the interest rate and when repayment begins;
- students must be informed of the effect borrowing will have on eligibility for other aid;
- students must be aware of any charges incurred by the federal government;
- students must know the maximum yearly and total loan amounts as well as the maximum and minimum repayment periods;
- students must be informed of their expected total debt and what their monthly repayments will be;
- students must be aware of what constitutes default and its consequences;
- students must be informed of refinancing and consolidation options; and
- students must be notified if their loan is transferred to a different holder.

Responsibilities

- students must notify the loan servicer if they graduate, withdraw from school or drop below part time; transfer to another school; change their names, address or social security numbers.
- students must repay their loans in accordance with the repayment schedule given to them, even if a student does not receive a bill, or does not complete his or her education.
- students must notify the loan servicer of anything that affects the ability to repay the loan or changes the students' eligibility for deferment or cancellation.
- student borrowers must complete both Entrance and Exit Counseling requirements.

Estimated Federal Stafford Loan Monthly Payments

Estimated Federal Stafford Loan Monthly Payments (at a 10-year Loan Term)

Loan Balance at Repayment	Interest Rate of 4.06%	Maximum Interest of 8.25%
\$2625	\$50.00	\$50.00
\$5500	\$55.84	\$67.46
\$10000	\$101.53	\$122.65
\$15000	\$152.30	\$183.98
\$22625	\$229.71	\$277.50

Student Employment

Students must meet and maintain certain eligibility requirements to be considered for on-campus employment. A comprehensive explanation of the terms and conditions of employment is listed in the Seton Hall University Student Employment Handbook, available in Enrollment Services. Generally, a student must be enrolled and matriculated at Seton Hall and be making progress toward a degree as defined by the University. Students also must be given an official work assignment before any work is performed. Students eligible for a Federal Work-Study Award must:

- file a FAFSA and demonstrate financial need;
- submit proof of citizenship and employment eligibility (I-9 Form); and
- provide documentation of information provided on FAFSA if required.

Disbursement of Financial Aid

Disbursement of financial aid is done in different ways depending on the type of aid.

Student Employment

Student employment, whether federally or institutionally funded, is disbursed in a paycheck that goes directly to the student for the hours worked during a specific pay period. Students are paid once every two weeks.

New Jersey State Grants

New Jersey State Grants are disbursed through a state-generated computer tape that feeds through the computer system at Seton Hall, and updates each student's account with a credit for the specific award in which he or she is eligible, after proper certification.

Federal and Institutional Aid

The remainder of financial aid programs are disbursed through Seton Hall's own mainframe computer system. Reports generated through the system identify students who meet all requirements for disbursement. Requirements include completion of verification if required, certifications on file and promissory note completion (Federal Stafford Student Loans and Perkins). If a student meets the requirements, his or her account is updated from the financial aid records to the student accounts records with credit for each award for which the

student is eligible. The disbursement program is run for both the current term and any previous terms in which adjustments need to be made. Contact Enrollment Services for more information, (973) 761-9332.

Repayment Policy

Students receiving federal financial aid, who completely terminate enrollment or stop attending all classes during a term for which payment has been received before completing more than 60 percent of the enrollment period, are subject to specific federal regulations. The amount of Title IV aid that a student must repay is determined via the Federal Formula for Return of Title IV funds as specified in Section 484B of the Higher Education Act. This law also specified the order of return of the Title IV funds to the programs from which they were awarded.

A repayment may be required when aid has been disbursed to a student from financial aid funds in excess of the amount of aid the student earned during the term.

The amount of Title IV aid is determined by multiplying the total Title IV aid (other than FWS) for which the student qualified by the percentage of time during the term that the student was enrolled. If less aid was disbursed than was earned, the student may receive a late disbursement for the difference. If

more aid was disbursed than was earned, the amount of Title IV aid that must be returned (i.e., that was unearned) is determined by subtracting the earned amount from the amount actually disbursed.

The responsibility for returning unearned aid is allocated between the University and the student according to the portion of disbursed aid that could have been used to cover University charges and the portion that could have been disbursed directly to the student once University charges were covered. Seton Hall University will distribute the unearned aid back to the Title IV programs as specified by law. The student will be billed for the amount the student owes to the Title IV Programs and any amount due to the University resulting from the return of Title IV funds used to cover University charges.

Tuition and Fees

The most recent information on tuition and fees can be found on the Seton Hall University web site, www.shu.edu/fin-plan.html#costs, or in each semester's Registration Handbook.

Payment

Semester bills with payment dates indicated are mailed to students who preregister as a courtesy to students. Students are required to monitor their accounts through the on-line Web for Students and make on-time payments regardless of receipt of a printed bill. (Preregistration is required of continuing students.) Charges are assessed for all course reservations, regardless of class attendance. Courses must be officially dropped in Enrollment Services before due dates listed in the Registration Handbook. All checks, drafts and money orders should be

made payable to Seton Hall University. Payments made by mail should be in the envelope enclosed with the bill. MasterCard, Visa, American Express and Debit Card are accepted. On-line payments may be made via MasterCard, Visa, and American Express through Web for Students.

No student may preregister for a subsequent semester, begin a new semester, reserve a residence hall assignment or make any course changes with an unpaid balance from the preceding semester. In no case will a student receive a degree, diploma, grades, certificate of degree or transcript of credits until charges have been paid in full. The University reserves the right to drop from classes any students who are in default of their payment.

Deferred Payment Plans

Seton Hall University works with Academic Management Services (AMS) to provide students and their families with no-interest payment plans. A nominal fee is charged by AMS. Please contact AMS at 1-800-635-0120 or www.tuitionpay.com for more information.

Late Fees and Collection Costs

Any amounts unpaid after the semester's due date as listed in the Registration Handbook are subject to late fees. The late fee is up to \$250 each semester. Students are responsible for all collection costs.

*"Action will remove
the doubt that theory
cannot solve."*

THEYI HSIEH

Withdrawal from the University

By registering for classes, a student has entered a legal and binding contract to pay all tuition, fees and housing charges with Seton Hall University. Non-attendance of classes does not constitute an automatic withdrawal. A formal withdrawal application must be submitted and approved through Enrollment Services immediately following the student's decision to cease attendance at the University.

Returned Check Policy

If a bill is paid by personal check in order to pre-register and the check is returned for insufficient funds, the student will be dropped from all classes. The student will not be allowed to re-register for classes until after the account is settled. A registration hold will be placed on the student's record until the balance is resolved through an alternate payment. Alternate payment options are credit card (MasterCard, Visa, American Express or Debit Card), cash, money order or cashier/bank check. Future personal check payments will be held until funds have cleared through the student's bank. Students who abuse check payments may be barred from paying by personal check in the future. A returned check fee of \$35 will be charged for each returned check.

Tuition, Room and Board

The most recent information on tuition and fees can be found on the Seton Hall University Web site, www.shu.edu/finplan.html#costs or in each semester's Registration Handbook.

Estimates of Non-Tuition Costs

Books and Supplies	\$1,200
Transportation (resident)	\$1,200
Transportation (non-resident)	\$1,600

Tuition Discounts

Priests, brothers, and sisters of the Roman Catholic Church are eligible for a 50 percent religious reduction in the above undergraduate tuition rates. Application, accompanied by verification of eligibility, must be submitted to Enrollment Services prior to registration. Enrollment Services will provide written guidelines upon request. Senior citizens also receive a discount on a space-available basis and are asked to present proof of age (65 or older) each semester. Tuition waiver forms are available from Enrollment Services, Bayley Hall, at the time of registration.

On-line courses or those taught under comprehensive fee-based structures are not eligible for tuition discounts.

Withdrawal from the University

General University policy for refund/credit of tuition for registered students who wish to withdraw from the University is based on prorated charges keyed to the date of actual withdrawal:

1 week	80%
2 weeks	60%
3 weeks	40%
4 weeks	20%
more than 4 weeks	none

These charges apply to students who leave to attend another college or university, who leave because of financial conditions, family or personal reasons, or as the result of University community standards sanctions.

Adjustments will be made only if the official withdrawal forms are properly filed by the student and processed by the University. Fees remain payable.

During Summer Session, no refunds are made after the second class, and no prorated refund/credit for withdrawal is granted.

If a student is dismissed or withdraws because of prolonged illness, the account will be rendered strictly according to the percentage ratio of the total number of days elapsed during the student's attendance to the total calendar days of the semester. A "prolonged illness" is one that must be attested to by a doctor's certificate to the effect that the illness is or was of such a nature as to require the student's absence for a period of three consecutive weeks.

If a student has made only partial payment of tuition and fees and the prorated charges exceed the partial payment, the additional amount is due and payable at the time of withdrawal. Students will not receive clearance from the University until all financial obligations have been met.

Any refund that is necessary as a result of withdrawal from the University will be made only by mail.

Charges for Course Changes

Course schedules may be modified through the on-line Web for Students or with an Adjustment to Schedule Form through the second Friday of classes for fall and spring semesters and by the day of the second class meeting for summer session. The payment due date for additional tuition incurred by a student as a result of such a change is the due date as listed in the Registration Handbook or, if changes are made after this date, payment is due immediately. Students are required to monitor their accounts through the on-line Web for Students and make on-time payments regardless of receipt of a printed bill.

Any credit that appears on the student's financial account as a result of a dropped course may be applied toward charges for a subsequent semester or, if requested in writing, refunded directly to the student. No financial adjustment will be made for individual courses dropped after the change in program period.

Withdrawal from Residence Halls

The housing license that all resident students sign is binding for the entire academic year (fall and spring semesters). Once a student "checks in" to a room assignment, the license obligation begins, and no refund of housing charges will be made. The University considers "check in" to be proper when the student accepts the room key.

At the end of the fall semester, students may be released from their housing license and relieved of Spring Semester housing charges:

- if the Department of Housing and Residence Life is notified in writing by December 1, and
- the resident student is:
 - withdrawing from the University;
 - marrying (proof required);
 - transferring to another University (proof required);
 - graduating;
 - or approved by the assistant director of housing and residence life for a special exemption.

Academic Policies and Procedures



Bayley Hall - First Floor
Monday-Thursday: 9 a.m-6 p.m.
Friday : 9 a.m-5 p.m.
Phone: (973) 761-9374
Fax: (973) 761-9373
Transcript Fax: (973) 275-2050
registrar@shu.edu

Degree Requirements

To assure the attainment of its particular aims, each school and college of the University prescribes a program of basic courses and areas of study. Each student in the school/college must complete the required program. For specific school/college course and credit requirements candidates should consult the individual sections of this catalogue pertaining to the College of Arts and Sciences, College of Education and Human Services, College of Nursing, John C. Whitehead School of Diplomacy and International Relations, and the Stillman School of Business.

In addition to individual school/college requirements, each department or division of the University prescribes certain courses to fulfill major field and concentration requirements. All candidates for the bachelor's degree must maintain a GPA of 2.0 overall, in major courses, and in any optional minors, except where departments require a higher minimum average. In the College of Education and Human Services, 2.75 is the minimum GPA for retention in the program and graduation.

The University reserves the right to close, cancel or modify any academic program and to suspend admission to any program.

Academic Advisement

Academic advising is a process that assists students in gaining the greatest possible benefit from their education at Seton Hall. In addition to helping prepare student schedules, academic advisers help students understand themselves; recognize their educational needs; realize their educational aspirations; and prepare for their future in an appropriate career, profession or graduate study program.

During the freshman year, students work with a Freshman Studies mentor (see Freshman Studies page 60). Thereafter, students consult with departmental advisers assigned by the chair. Students are urged to consult their advisers on a regular basis with regard to program planning, academic policy questions and career information. Advisers can direct students to persons and University offices that offer specialized assistance in areas such as personal counseling, career placement services, tutorial assistance and other student services.

Transfer students accepted to Seton Hall will receive, by mail, an advanced standing evaluation. This evaluation indicates how many credits are approved for transfer to Seton Hall, and in which areas. Transfer students then may seek advisement for course selection from the assigned adviser.

Class Attendance

Attendance at each class meeting is expected. Instructors may take class attendance into account when determining grades as

42 Academic Policies and Procedures

long as a clear statement on attendance policy and its impact on grading is given to students within the syllabus at the start of the semester.

Students whose absences in the judgment of the instructor are causing performance below reasonable expectations may be referred to their dean for appropriate action. Students who are recipients of federal or state aid for a given term may compromise their eligibility to retain that aid if they fail to attend class and/or do not earn academic credit for their courses.

Transfer Between Schools

Students who wish to transfer from one school or college to another within the University must file a Curriculum Adjustment Form with the chair of the department and the dean of the school/college to which they wish to transfer. The dean may admit students who meet requirements for admission to the school/college.

Change of Major

Students may change major programs with the permission of the chair of the department into which they wish to transfer. If the major change involves a change in school/college, the permission of the dean of the school/college also is required. In order to effect a change of major, students must secure the required signature(s) on a Curriculum Adjustment Form, which then must be filed with Enrollment Services.

Declaration of Second Major

Students may declare a second major with the permission of the chair of the department offering the second major. Students in the College of Education and Human Services are required to declare a second major.

Students who declare a second major will follow the core curriculum and overall degree requirements of their primary major, as they will earn the degree that is linked to that program. The declaration of the second major does not qualify a student for a second baccalaureate degree.

Declaration of Minor

Students may declare a minor by completing a Curriculum Adjustment Form with signature of the chair of the department of their minor field. Students also may use a Curriculum Adjustment Form to rescind a prior minor declaration. Some majors require the declaration of a minor.

Course Transfer Policies

Students matriculated at the University may not take courses at any other college or university without the prior permission of their chair, the dean of their school/college and the chair of the department offering the equivalent course at Seton Hall. Students with 30 or fewer credits to complete for their degrees are not eligible for this permission. No credit is allowed for courses taken unless an official form granting permission is on file with Enrollment Services, to which an official transcript of this work must be sent directly. No credit for work completed at another institution will be accepted in transfer unless the grade received is "C" or better; courses with "Pass" grades will not be

accepted in transfer. Grades for transfer courses are not used in computing the major GPA or the overall cumulative GPA.

Continuing Seton Hall students may be granted permission to take a maximum of 12 credits of general electives at another college/university for transfer to their degree program. Students studying abroad may request permission for additional transfer credits. Transfer regulations vary by department/school. Students should consult their own department, as well as the department offering the Seton Hall course equivalent.

The total number of credits a transfer student may accrue via transfer or testing is 100. Once a student reaches this maximum, no further transfer or testing authorizations are accepted.

Residency

The final 30 consecutive credits for a degree must be taken at Seton Hall University. Of these 30 credits, the number to be taken in the major field is determined by each department.

Nursing students in off-campus programs must complete a minimum of 30 credits at Seton Hall University. These students are encouraged to study in residence during their final term at the University.

Time Limit

Full-time undergraduate students are expected to complete their degree requirements within seven years. However, financial aid is restricted to a maximum of six years. Part-time undergraduate students are expected to complete their degree requirements in 12 years. Students may petition their dean for an extension if medical problems, family obligations, changes in program or other significant factors make it impossible for them to complete their degrees within the applicable time frame. In this case, the dean must execute a waiver if the student is to be granted additional time to pursue his or her studies. This waiver must include a signed written agreement between the dean and the student outlining a proposed plan of study and a calendar for completion of outstanding degree requirements.

If a student is granted a leave of absence, the time on leave shall not be counted toward degree completion time. Requests for a leave of absence are available in Enrollment Services.

Academic Integrity

Faculty, students, administrators and staff of Seton Hall University both recognize and cherish academic integrity as the cornerstone of our shared academic enterprise. As a Catholic institution we are particularly bound to personal values and self-discipline and seek to combine that reality within the context of a trusting and caring academic community. All individuals in the University community have an obligation to attend to the highest degree of personal integrity while in the pursuit of knowledge and the service of one another.

In particular, the pursuit of knowledge requires honesty. Students must do their own work. A student who hands in work that is not his or her own, or who cheats on a test, or who plagiarizes an academic assignment is doing harm to him or herself and taking advantage of others. Any dishonesty threatens the individual standards of the person committing the act and the other members of the Seton Hall community as well.

As we continue to seek for what is best and authentically human, each member of this University community must commit himself or herself to service of the truth. A student should refer to the Policy on Academic Integrity Policy of his/her major department/school/college. This University Policy of Academic Integrity shall apply to all students. The Procedures for Handling Violations of Standards of Academic and Professional Integrity are contained in the Student Handbook.

Class Standing

These classifications do not excuse the student from meeting the course requirements of a school/college or department.

Freshman - A student who has completed fewer than 30 credits.

Sophomore - A student who has completed at least 30, but fewer than 60, credits.

Junior - A student who has completed at least 60, but fewer than 90, credits.

Senior - A student who has completed 90 or more credits.

Application for Graduation

By October 1 of the year prior to the completion of degree requirements, students are required to file an application for degree with Enrollment Services. This form is available at the Seton Hall Web site in the Registrar's forms library and in Enrollment Services at Bayley Hall. Students may also use Web for Students to file their application for degree on-line. Students should consult their On Course degree audit as a guide to course selection and to assure that they meet degree requirements.

Graduation Eligibility

In order to be eligible for graduation, a candidate must successfully complete all degree requirements and achieve the required minimum overall GPA, as well as the minimum GPA in his or her major and any second major or minor field he or she may have. Participation in the commencement ceremony is restricted to those students whom the Office of the Registrar determines to be eligible for their degree. The University also may allow students who are within 6 credits of degree eligibility, and who have the requisite GPA, both overall and in each degree component, to participate in the ceremony as space permits. Participation in the ceremony does not constitute confirmation of degree eligibility.

The Office of the Registrar determines eligibility for participation in commencement.

Diploma Policy

Diplomas are normally available by late June following the May commencement date. A student's name appears on his or her diploma exactly as it appears on the University's computerized database. Students must file a name change request in Enrollment Services by April 1 in order to have their diploma reflect that change. Changes in first or last name require official documentation, e.g., marriage certificate or court order. The addition of a middle name or initial does not require supporting documentation.

Diplomas are released upon determination of academic eligibility and financial clearance. Graduates who have an unresolved financial obligation to the University will not receive their diplomas until cleared by Enrollment Services.

Graduation Rate

Of the students who entered Seton Hall University in Fall 1998 as first-time, full-time freshmen, approximately 57 percent graduated from the University within six years. Students who did not graduate and/or left the University did so for various reasons, including academic difficulties, financial problems, changes in career plans, family and personal circumstances, and medical problems.

Registration Regulations

Preregistration and Registration

To prepare for preregistration for the coming semester, students must consult with their academic advisers, who will assist them in selecting an appropriate schedule of classes from the Registration Handbook. The handbook is a compendium of important information for the semester that includes the schedule of courses, the details of preregistration procedures for the semester, the academic calendar, and information about academic regulations and procedures. All students are urged to familiarize themselves with the handbook. The semester schedule of courses, the preregistration calendar and registration procedures also are available online on the Seton Hall Web site at www.shu.edu

Students who plan to continue their studies in the following semester are required to preregister for courses. This accords continuing students first priority in course selection for the following semester.

Preregistration dates are generally scheduled during November for Spring Semester and late March and early April for Fall Semester and Summer Session. Registration on the Web is available for all students. Students are encouraged to use this convenient method of registration after consulting their adviser to select their courses and get their PIN number.

Registration periods for new and readmitted students immediately precede the beginning of each term. The University calendar specifies these dates. Continuing students who do not preregister may register during the registration period, although they may be required to pay tuition at the time of registration.

Academic and Financial Responsibility

The University reserves seats in classes for all students who preregister. The students then incur academic and financial responsibility for any preregistered course(s). Accordingly, students who preregister must pay their tuition bills by the due date, or notify Enrollment Services in writing by that same date, of their intention not to attend so that their reserved class seats may be made available to other students. Cancellation of course reservations by this deadline removes all semester tuition and fee charges.

Preregistered students who cancel course registrations after the payment due date, but before the end of the add-drop periods, will be liable for registration fees but not tuition charges. Students who withdraw from all their courses will incur prorated charges according to the Total Withdrawal Schedule.

Students who register during the Registration or Late Registration periods incur academic and financial responsibility for their courses and must submit payment by the due date appearing on the bill. These students are liable for tuition charges and fees, unless they officially drop courses by the end of the add/drop period, in which case they are responsible for registration fees only. Withdrawal after the end of the add/drop period will result in the assessment of prorated tuition charges when the student withdraws from all classes within the refund period.

Students who have a prior outstanding balance and/or who have been late in making payments on their deferred payment schedule are subject to a hold on their registration. These students must satisfy their current balance and prepay the tuition/fees for the next term before they can be cleared to register for that term.

Students are required to complete their semester registration prior to the end of the semester add-drop deadline. Students may not attend any class unless they are officially registered for that class section for the semester.

In extraordinary circumstances, students may petition the Office of the Registrar in Enrollment Services, Bayley Hall for permission to register after the add-drop period. If authorization is granted, the student will be required to pay tuition, fees and a late fee of \$250 before being allowed to register.

The University reserves the right to drop from classes any students who are in default of their payment. The University may also require students with a prior balance to prepay the tuition/fees for the semester prior to being allowed to register.

Schedule Changes

Adjustments to the semester schedule are permitted through the second Friday of the semester, and by the day of the second class meeting for summer courses.

To add or drop a course, the student must complete the schedule adjustment process as detailed in the Registration Handbook by the add/drop deadline. When a student has properly dropped a course, the course is removed from the student's semester schedule. Students may change their schedule online using their PIN or in person in Enrollment Services.

Nonattendance does not constitute dropping a course. The only way a schedule may be adjusted is for the student to complete the add/drop procedure on the Web or in person by the appropriate deadline.

In no case will a student be allowed to drop or add a course after the end of the add/drop period. No refund or credit is granted for any course that is not officially dropped by the appropriate deadline.

Semester Credit Load

No full-time, matriculated student may enroll for more than 18 credits in any semester. However, with the permission of the

dean of the school/college, the student whose GPA in the preceding semester is 3.0 or higher may be allowed to take additional credits. The nonmatriculated student may not register for more than 9 credits in any semester. Part-time student status involves a maximum of 11 credits in any semester. During Summer Session the credit load is one and one-half credits for each week of the particular session. Students may not complete more than 15 credits during a Summer Session. Students in the College of Arts and Sciences are restricted to a maximum of 3 credits in the May Session.

Undergraduate Grading System

Effective with the Fall 2004 semester, the university modified its grading policy to include minus grades. This change is not retroactive to any prior semester. The University uses the following letter grades on the undergraduate level to indicate the record of achievement in courses taken:

Letter Grade	Quality Point	Weight
A	Superior	4.00
A-		3.67
B+		3.33
B	Good	3.00
B-		2.67
C+		2.33
C	Satisfactory	2.00
C-		1.67
D+		1.33
D	Poor but Passing	1.00
F	Failing	0.00
P	Pass	0.00
I	Incomplete	0.00
IW	Incomplete Withdrawal	0.00
AU	Audit	0.00
NR	No Record/Not Reported	0.00
WD	Withdrawal	0.00

Institutional Credit Courses Only:

SP	Satisfactory Performance	0.0
RR	Retake Required	0.0

The following are explanations and regulations that apply to certain grades:

I – Incomplete: This grade indicates non-completion of assignment(s) or failure to take the examination for a course. An Incomplete grade cannot be given when a student does not complete any course requirements or fails to attend class meetings. A student who receives an "I" grade may not attend class meetings in a future semester in order to make up outstanding requirements. Students must obtain written permission to receive an Incomplete by submitting a Course Adjustment Form to the professor before the officially scheduled final examination. The professor will indicate on this form the amount of time allowed for completion of this work, up to a

maximum of 12 months or by the time the student has graduated (whichever comes first). If the missing course requirements are completed within this time period, the professor must submit a new Course Adjustment Form indicating the changed grade to the dean's office within 10 working days. If a grade of "I" is not resolved within the time allotted, this grade will be changed automatically and permanently to "IW." In extenuating circumstances a written request for a limited time extension to complete course requirements may be submitted in advance of the one-year deadline by the student to the professor and dean of the school/college in which the course was offered, with a copy to the Office of Enrollment Services for approval. The grade "I" is not counted in determining class standing, eligibility or grade point average.

An "I" grade disqualifies a student from the Dean's List. If the "I" grade is changed to a grade of "C" or higher, the student's record will be automatically reviewed for Dean's List eligibility.

Although a student's GPA is not affected by an "I" grade, the fact that the student receives no credit for the course may impact academic eligibility and, as a consequence, the student's eligibility for financial aid.

IW – Incomplete Withdrawal: If, within 12 months or by graduation (whichever comes first), a grade of "I" has not been resolved, it is automatically changed to "IW." The grade "IW" indicates that the student has not satisfied, within the permissible time period, all outstanding requirements for the course in which an "I" was received. An "IW" grade is not reversible; it does not count in determining class standing, eligibility or GPA.

WD – Withdrawal: Withdrawal from a class with written permission incurs no academic penalty. Withdrawal will be allowed up to the end of the fourth week after the end of the add/drop period without faculty or dean signature during Fall and Spring semesters. Withdrawal may be requested at Enrollment Services by the individual student using the Course Adjustment Form. After the end of this initial period, course withdrawals will require the signature of the faculty member and dean. Under normal circumstances course withdrawal will be allowed only through the Friday of the eighth week of each semester. Withdrawal after that date will be allowed by the respective deans' offices only under exceptional circumstances. The Summer Session schedule specifies withdrawal deadlines. A "WD" is not reversible; it is not counted in determining class standing, eligibility or GPA. A "WD" grade disqualifies a student from Dean's List eligibility.

When a student receives a "WD" grade, the student's grade point average is not affected. However, the fact that the student receives no credit for the course may affect the student's academic eligibility, and, as a consequence, the student's eligibility for Title IV financial aid.

P/F – Pass/Fail Option: This option is open to matriculated undergraduate students on a restricted basis. Students may opt for Pass/Fail grading in free electives for a maximum of 12 credits, with no more than 6 pass/fail credits in any 12-month period. To request the Pass/Fail Option on a course, students must file a Course Adjustment Form with the course instructor and the dean of the school/college in which they are matriculated. The deadline for Pass/Fail requests (and for their cancel-

lation) is the end of the fifth week of class for Fall/Spring semesters and for summer, the first third of the course's class meetings. Registration handbooks specify deadline dates. Pass/Fail courses may not be taken in the department in which a student is majoring. A "P" (pass) grade is used in determining class standing and eligibility, but is excluded from the GPA. The "F" grade is factored into the GPA.

F – Failing: When a student receives an "F" grade in a course, no academic credit or quality points are awarded for that course. The student's grade point average is, accordingly, negatively impacted by a failing grade. When a student fails a course for which the student has elected a pass/fail option, the "F" grade has the same statistical effect as in a regularly graded course.

When a student fails a course required in his or her program of study, the student must successfully repeat that course in order to establish degree eligibility. When a student fails a free elective, he or she is not required to make up the course. When the student successfully repeats the failed course at Seton Hall, the original "F" grade remains on the student's transcript with the "repeated" designation, but is no longer factored into the student's grade point average. In the event that a student fails a course for the second time, only the most recent "F" grade is factored into the grade percent average.

In general, students are not granted permission to retake, at another institution, a course failed at Seton Hall. If the student were to retake a failed course at another institution for transfer to Seton Hall, no statistical adjustment would be made. In this case, the "F" would continue to be calculated into the average. The student would earn credits, but no quality points, from the transferred course.

Poor academic performance can affect eligibility for financial aid and eligibility to participate in student activities. In general, it is recommended that students repeat courses that they have initially failed so that they may improve their GPA. Students on probation should consult with their advisers to determine how to improve their academic performance and raise their grade point averages.

An "F" is not counted in determining class standing, but it is counted in the GPA until the course is successfully repeated at Seton Hall. An "F" grade also is factored into determinations regarding academic eligibility.

AU – Audit Options (no credit): Students who register as auditors are expected to attend class regularly but are not obligated to take tests or comply with any other course requirements. The audit option is not allowed in computer, computer based, laboratory, applied art, applied music, graphics, studio television, writing, physical education activity, independent study, thesis or dissertation, or any off-campus courses. There are two audit options available.

Audit Declaration at Registration - Students who declare an audit option at the time of registration by filing an Audit Declaration are assessed tuition of \$100 per credit plus fees. Audit Declaration is restricted to open courses at in-person registration sessions immediately prior to the beginning of a semester.

Students who file an Audit Declaration subsequently may not switch to credit status. Auditors who withdraw from a

course for which they have filed an Audit Declaration will not receive any refund. Within the add/drop period, auditors may drop a course for which they have filed an Audit Declaration; they will receive a refund of tuition only, not fees.

Standard Audit Option - Students who wish to audit a class may submit this request on a Course Adjustment Form available in Enrollment Services. Auditors may enroll for any course for which they are qualified. They may be dropped from a course by the professor if their presence impedes normal class progress. They may not change from audit to credit or vice-versa after the fifth week of class or the first third of the course meetings in Summer Session. Regular tuition and fees are assessed for the standard audit option.

The designation of "AU" is noted on the transcript. An "AU" is not used in determining class standing, eligibility or GPA.

SP – Satisfactory Performance: Successful completion of an institutional credit course is indicated by an "SP" grade. Courses with "SP" grades are used to determine class standing and eligibility, but are not factored into the GPA and are not counted toward degree requirements since these courses are for institutional credit only.

RR – Retake Required: Student must retake institutional credit course. This grade is not factored into GPA but it does disqualify the student from eligibility for the Dean's List.

Registration for Graduate Courses

Under specified conditions undergraduate students with a 3.0 GPA may take graduate courses in their senior year. Students must secure written permission in advance of their registration. Students may not take a graduate course on a pass/fail basis. Students pay graduate tuition for these courses, and they are graded according to graduate grading rules.

In cases where these courses count toward the undergraduate degree, they cannot later be applied to a graduate program.

Permission to take graduate courses does not constitute admission to a graduate program.

Withdrawal

Students who find it necessary to withdraw from any school/college of the University should notify Enrollment Services on the official form provided for that purpose. It is imperative that this notification be sent in writing as soon as possible after the decision to withdraw has been made. Students who withdraw for medical reasons must submit medical documentation with their withdrawal forms. Students who are recipients of federal financial aid should consult with Enrollment Services prior to withdrawing to confirm what, if any, impact their withdrawal may have on their financial aid eligibility. Non-attendance does not constitute official withdrawal; students who seek to withdraw from their classes must complete the official withdrawal process in the Office of Enrollment Services.

Students who are activated for military service should contact the University Registrar for assistance. If the activation date occurs late in a semester, students may qualify for an Incomplete grade in some or all of their courses. In this case,

students should file a Course Adjustment Form on which the faculty member will specify the work that must be completed to resolve the incomplete. In the event that the military activation date falls early in a semester, the student may be dropped from any course which he/she cannot complete. In this case, tuition charges for any dropped course will be removed from the student's account.

Grade Point Average

To calculate weighted averages, quality points assigned to grades are multiplied by the number of credits assigned to the course in which the grade is received. For example, a grade of "B+" in a 2-credit course represents 6.66 quality points; a grade of A in a 3-credit course equals 12 quality points and so forth. The sum of the quality points that the student had earned is then divided by the sum of credits attempted, which are graded "A" through "E." The resulting figure, when truncated to four decimal places, is then rounded by adding .0005 and truncating all but three digits to the right of the decimal.

Grade Change Policy

A request for a grade change must be made in writing to the instructor no later than four months from the date of the submission of the final grade in the course. Incompletes are not final grades and are governed by stated University policies. If the matter is not resolved in 10 class days from the submission of the request for change, the student has recourse to the University grievance policy.

After clearance for graduation, the student's academic record is finalized, and no grade changes may be authorized. Graduating students who have a pending grade appeal must advise the University Registrar in writing of this fact.

"The future belongs to those who believe in the beauty of their dreams."

ELEANOR ROOSEVELT

Repeated Courses

A student may repeat a course in order to earn a higher grade. The student must repeat the course at Seton Hall; no statistical adjustment is made when a student repeats a course at another institution. A student may not repeat at another institution a course for which the student has already earned credit at Seton Hall. When a course taken at Seton Hall is repeated at Seton Hall, only the higher grade is used in the calculation of the GPA. In this case, the lower grade will remain on the transcript marked "repeated." Credit (if any) attached to the lower grade is rescinded; only the credit attached to the higher grade is applied to the student's record. This statistical adjustment will be made only when the student repeats the exact course with the identical course number.

If a student receives the same grade in the course when it is repeated, the more recent grade will be applied to the student's record. If a student receives a lower grade when the course is repeated, the higher grade will remain applied to the student's record. The lower grade will be reflected on the student's tran-

script, but will not be calculated into the student's GPA.

Students must inform their advisers and Enrollment Services if they are repeating a course for a better grade. While there is no limit to the number of times a student may repeat a course, excessive repeated courses may have an impact on satisfactory academic progress requirements.

Students may not repeat a course to improve their GPA after they have graduated.

Honors

Dean's List

After the close of every semester, the deans of the schools/colleges publish on the Dean's List the names of full-time students who have done outstanding work during the semester. Undergraduate students completing all courses with a GPA of 3.4, with no grades lower than "C," qualify for the Dean's List. In order to be eligible for the Dean's List, students must be enrolled for a minimum of 12 undergraduate credits. Students who receive a grade of "I," "WD," "NR" or "RR" in a semester are disqualified from Dean's List eligibility for that semester.

Graduation Honors

Honors citations are awarded in connection with the granting of the bachelor's degree. Honors awards are computed on the basis of all Seton Hall credits earned by the student through the semester in which the degree is granted. Enrollment Services determines eligibility for graduation honors. In computing these honors the grade point system is used. Honors are awarded only to students who meet the following GPA requirements and have a minimum of 60 earned Seton Hall credits:

Cum Laude (with honors)	3.395-3.594
Magna Cum Laude (with high honors)	3.595-3.894
Summa Cum Laude (with highest honors)	3.895-4.000

Transfer Student Honors

Transfer students are awarded honors only on the basis of course work taken at Seton Hall; transfer students must complete a minimum of 60 credits in residence by graduation in order to qualify for graduation honors.

National Honor Societies

Alpha Epsilon Delta (Pre-Medical)
 Alpha Kappa Delta (Sociology)
 Alpha Mu Gamma (Foreign Languages)
 Alpha Sigma Lambda (Part-Time Students)
 Beta Alpha Psi (Accounting)
 Beta Gamma Sigma (Business)
 Delta Epsilon Sigma (Catholic Honor Society)
 Kappa Gamma Pi (Catholic Women's Honor Society)
 Kappa Delta Pi (Education)
 National Honor Society of the Financial Management Association
 Omicron Delta Epsilon (Economics)

Phi Alpha Theta (History)
 Pi Mu Epsilon (Mathematics)
 Pi Sigma Alpha (Political Science)
 Psi Chi (Psychology)
 Sigma Pi Sigma (Physics)
 Sigma Tau Delta (English)
 Sigma Theta Tau (Nursing)
 Sigma Xi (Science)
 Theta Alpha Kappa (Religious Studies)
 Theta Rho (Spanish)

Full-Time Student Probation Policy

Standards

A full-time undergraduate student is one who is registered for a minimum of 12 credits in the Fall or Spring semester. A student enrolled in a department-approved program in which fewer than 12 credits is the recommended full-time credit load is considered a full-time equivalent student.

Full-time undergraduate students are required to:

- complete successfully at least 24 credits in each 12 months of full-time registration; and
- have a cumulative GPA of at least 1.75 for freshmen, 1.90 for sophomores, and 2.00 for juniors and seniors.

Eligibility

Students who were registered for the previous two semesters as full-time students, but have not successfully completed 24 credits in the previous 12 months, are not eligible:

- for student employment;
- to participate in recognized student activities, including varsity athletics; and
- to hold office in recognized student organizations.

The dean of the student's school/college may waive any or all of these ineligibilities if the student's failure to complete the 24 credits in the previous 12 months was due to medical conditions, family emergencies or other similar circumstances beyond the student's control. The dean's waiver is to be accompanied by a signed written agreement between the student and the dean outlining the course of action to be taken by the student to remedy the deficiency.

Warning

A student who meets the cumulative GPA criterion but whose GPA for any one semester falls below 1.75 (if a freshman), 1.90 (if a sophomore) or 2.00 (if a junior or senior) shall receive a letter of warning from the dean of his or her school/college, reminding the student of the criteria for probation.

Probation

Students whose cumulative GPAs do not meet the minimum requirement are automatically placed on probation for the cur-

rent semester. Probation is a disciplinary period during which the student is afforded the opportunity to raise his or her cumulative GPA to meet the minimum requirement.

As soon as the respective dean is informed of the failure of a student to maintain the minimum GPA, the dean must inform the student by letter that he or she is on probation and remind the student of the minimum requirements. The dean must require the student to meet with the dean and with the student's department chair or representatives.

Students on probation are permitted to enroll on a full or part-time basis. Their course loads may be restricted by the dean.

If a student is placed on probation for a second consecutive semester, the dean must conduct a suspension/dismissal review, and the student is ineligible:

- for student employment;
- to participate in recognized student activities, including varsity athletics; and
- to hold office in recognized student organizations.

The dean may waive any or all of these ineligibilities if the student's failure to maintain the required minimum GPA was due to medical conditions, family emergencies or other similar circumstances beyond the student's control. The dean's waiver is to be accompanied by a signed written agreement between the student and the dean outlining the course of action to be taken by the student to remedy the deficiency.

The dean shall review the student's progress with the student's department chair and with the student, and also may consult with other appropriate persons. The resulting decision must be communicated to the student in writing by the dean. Normally, the review will allow no more than one additional semester for the student to improve his or her performance.

If a student's performance is not satisfactory after the period of extension, suspension or expulsion is automatic unless the dean grants an additional extension in writing.

Dismissal constitutes permanent removal from the University. Suspension constitutes removal from the University for a stipulated period of time. Dismissal and suspension are judgments based on the student's unsatisfactory academic process. Dismissed and suspended students are not in good standing with the University and are not eligible for financial aid.

Enrollment Services shall distribute lists of students placed on probation or in default of the 24-credit requirement to the deans, department chairs, faculty representative for athletics and vice president for Student Affairs. The dean shall notify these officials and Enrollment Services of any waivers, extensions, suspensions or dismissals. In areas under their jurisdiction, these officials must assure that students do not participate in activities or organizations or employment for which they are ineligible under this policy.

Part-Time Student Probation Policy

Standards

A part-time undergraduate student is one who is registered for fewer than 12 credits in the Fall or Spring Semester.

Part-time undergraduate students are required to have a cumulative GPA of at least 1.75 for freshmen, 1.90 for sophomores, and 2.00 for juniors and seniors. Part-time students who were enrolled for the previous two semesters must complete a minimum of 6 credits in the previous 12 months.

Eligibility

Part-time students who meet the above standards are eligible to:

- participate in student activities which allow for part-time involvement;
- hold office in student organizations, the constitutions of which specifically provide for such office holding; and
- receive Title IV federal aid for which part-time students may qualify and for which the student may otherwise be eligible.

The dean of the student's school/college may waive the 6-credit per year requirement if the student's failure to complete the required credits within the stipulated time frame was due to medical conditions, family emergencies, employment factors or other similar circumstances beyond the student's control.

Unsatisfactory academic progress by part-time students can affect eligibility for financial aid.

Probation

Part-time undergraduate students whose cumulative GPAs do not meet the minimum requirements are automatically placed on probation.

As soon as the respective dean is informed of the failure of a student to maintain the minimum GPA, the dean must inform the student by letter that he or she is on probation and remind the student of the minimum requirements. The dean must require the student to meet with the dean and the student's department chair or representatives. Part-time students on probation are subject to the rules and procedures outlined above for full-time students.

A part-time student who meets the cumulative GPA criterion, but whose GPA for any one semester falls below the applicable minimum, shall receive a letter of warning from the dean of his or her college, reminding the student of the criteria for probation.

Appeals

A student who believes that a decision made in his or her regard has been procedurally incorrect, or has otherwise violated his or her rights, may appeal the dean's decision to the provost, according to the established University grievance procedures. Details appear in the Student Handbook, which is located on the Student Affairs Web site at studentaffairs.shu.edu

Student Academic Records

Access and Privacy

The University provides all present and former students with the right of access to inspect and review by appointment any and all educational records, files and data that relate directly to them. Students also are afforded the opportunity to challenge these records.

All educational records are considered confidential. Their release is regulated by University policy in keeping with the provisions of Public Law 93-380, Family Educational Rights and Privacy Act of 1974, as amended. The University policy is fully detailed in the Student Handbook available on the Student Affairs Web site at studentaffairs.shu.edu

Students who wish to inspect information or records may do so by requesting a Right of Access form from the office or department in which a specific record is kept, and filing it with that office. Right of Access forms also are available in Enrollment Services. Within 10 days of receipt of the Right of Access form, the office or department will notify the student about the date, time and location where the record will be available for inspection. The Office of the Registrar answers all questions relating to right of access.

Transcripts

Transcript requests should be filed well in advance of any deadline. Normal processing time is three days, except for peak periods at the end of the semester and commencement.

To send a transcript, the student must file a Transcript Request or alternate signed written request with Enrollment Services. Telephone and e-mail requests cannot be honored. The first five copies per year are free; a transcript fee of \$3 per copy is assessed thereafter. The mailing address for transcript requests is Seton Hall University, Enrollment Services - Transcripts, 400 South Orange Avenue, South Orange, NJ 07079-2689.

Only student (unofficial) transcripts are released to students. Upon written request of the student, official transcripts may be sent directly to third parties, including colleges, employers, etc.

The University reserves the right to withhold transcript services from students who have an outstanding financial obligation to the University.

Course Information

Course Numbering System

The course identification number includes a four-character subject field and a four-digit course number; for example, ENGL 1201, College English I.

The following guide was used to develop the course numbers:

Significance of first digit

- 0 noncredit or institutional credit.
- 1 freshman-level course; no prerequisites, except for the first part of a two-semester course.
- 2 second-level course, with at least one one-level prerequisite.
- 3 third-level course, with at least one two-level prerequisite.
- 4 fourth-level course, with at least one three-level prerequisite.
- 5 senior seminars and similar capstone undergraduate courses.
- 6 first-level graduate courses.
- 7 second-level graduate courses, with at least one six-level prerequisite.

- 8 third-level graduate courses, with at least one seven-level prerequisite.
- 9 fourth-level graduate courses.

Significance of second digit

May indicate sub-discipline within a subject area.

Significance of third and fourth digits

May indicate course order or corequisite, etc.

Caution: The course number is intended as a guide only. Prerequisites must still be checked with the University catalogue and faculty advisers.

Course Offerings

Not every course listed in University catalogues is offered each semester. Before each registration period the University publishes a Registration Handbook (see page 43) indicating which courses may be taken during the coming semester and the times at which they will be given. The University reserves the right to cancel any course for which registration is insufficient, change the time and place of any course offered, and change the professor assigned to teach the course.

Each course section for a term is assigned a unique call number for use in registration on the Web. Students should make note of the call numbers of the courses for which they want to register if they choose to register via the Web.

Independent Study

Several schools and departments of the University offer opportunities for independent study. Application forms and regulations for independent study may be obtained from the department chairs. Students may not register for any independent study course without the prior written permission of the department chair.

Name and Address Changes

Changes in personal data, including changes of name, address, next of kin and expected graduation date, should be reported in writing to Enrollment Services on a priority basis. Requests for changes in first or last name require accompanying official documentation (e.g., marriage certificate or court order). Graduating students must file name change requests by April 1 preceding the May commencement date. Name changes will not be made after a student has graduated. Similarly, student identification numbers are not changed after graduation.

Personal Identification Number (PIN)

Each student is assigned a PIN each semester for use in accessing their records for Web-based registration and other services. Students should keep their PIN confidential. In the event that a student forgets his or her PIN, the student should contact his or her adviser.

Seton Hall Student Identification Number (SHU ID)

Upon admission to the University, every student is assigned an 8-digit student identification number. Students should use this number to access Web for Students services and for general identification purposes.

Student Life



Department of Housing and Residence Life

64 Duffy Hall, (973) 761-9172

Hours: Monday-Thursday, 8:30 a.m.-5:30 p.m.

Friday, 8:30 a.m.-5 p.m.

E-mail: shuhousing@shu.edu

studentaffairs.shu.edu/housing

The Department of Housing and Residence Life provides a living, learning environment that fosters the academic and personal experience for residents, and helps them prepare for the rest of their lives.

Seton Hall is “home” to approximately 2,100 students - nearly 50 percent of the undergraduate population. There are six on-campus residence halls for undergraduate students and two apartment buildings, located in South Orange, for juniors and seniors.

Seton Hall University and the Department of Housing and Residence Life are dedicated to meeting the needs of all residential students. The residence halls provide a rich variety of lifestyle options, including first-year student halls, and a variety of academic interest groups within each residence hall. All residence halls are smoke-free environments. In addition, residents are encouraged to be part of the decision-making process by participating in hall council and Resident Student Association (RSA).

All residence hall rooms are furnished with twin beds, dressers, desks and wardrobe/closets for each resident. Additionally, each room is technologically ready with high-speed data connections for two individual computers. All rooms have cable television service featuring HBO, ESPN and other popular channels, as well as STC phone service allowing for individualized student billing.

The department employs a diverse and experienced staff of professionals who work together to facilitate the personal growth of each resident student. The staff’s goal is to create a strong community that encourages student involvement. The director of housing and residence life is responsible for overall management of all activities, administrative processes and supervision of all staff. One associate director is responsible for residential education, staff supervision and programming. Three assistant directors are responsible for the first-year residential experience, training and development and summer conferences. The assistant director for housing services coordinates student room assignments and other business functions.

In addition, each residence hall and apartment building has its own staff. Six residence hall directors and five residence coordinators are responsible for all the activities and staff in a particular building or area. They are assisted by resident assistants (RAs) and academic teaming assistants (ATAs). RAs are undergraduate students assigned to each wing or floor in the residence halls and apartments. RAs are programmers, mediators and advisers for residents. ATAs are undergraduate students in designated majors who conduct programs aimed at promoting academic success.

GPA Requirement for On-Campus Living

Beginning with the incoming class for Fall 2000, (and subsequent implementation for all returning students) residents will be required to maintain at least a 1.8 overall GPA to reside in campus housing. A student may file an application for an exception to this minimum GPA requirement. If granted, the student can expect conditional residence focused on ensuring academic success and progress.

Priests in the Residence Halls

Priests of the University community live in the residence halls. The role of priests living in the halls is pastoral. They offer opportunities for spiritual growth, counseling, prayer, and Eucharistic Mass, room blessings, individual/prayer group and other celebrations.

Dining on Campus

Bishop Dougherty University Center, (973) 761-9559

Hours: Monday-Sunday, 7 a.m.-1 a.m.

E-mail: gourmetdining@shu.edu

The Galleon Room is located in the lower level of the Bishop Dougherty University Center. It is open from 7 a.m.-1 a.m., seven days a week when the University is in regular session. The Galleon Room is divided into two sections, the Galleon Food Court and the Pirate Dining Room. The Galleon Food Court accepts Pirate Bucks, Flex Plans* and cash. This section of the room allows students to purchase food on an “a la carte” basis from different stations in a food court setting (hours are listed below). The Pirate Dining Room is designed for traditional style dining and uses the meal per week portion of the meal plan, cash or Flex Plan to access the area. Once inside the student has the choice of several buffet selections with unlimited returns. Below are the hours of operation for both areas.

Pirate Dining Room

Monday - Friday

Breakfast	7 a.m.-9:30 a.m.
Lunch	11 a.m.-1:45 p.m.
Dinner	4:45 p.m.-7:45 p.m.

Saturday & Sunday

Brunch	10:30 a.m.-2:30 p.m.
Dinner	4:45 p.m.-7:45 p.m.

Galleon Food Court

Galley	Daily 7 a.m.-10 p.m.
Pizzeria	Daily 11 a.m.-1 a.m.
Sandwich Shop	Daily 11 a.m.-1 a.m.
Coffee & Sweet Shop	M-Th 8 a.m.-4 p.m. F 8 a.m.-12 p.m.
Pirate's Cove	M-Th 8 a.m.-11 p.m. F 8 a.m.-3 p.m.

The Pirate's Cove, the University coffeehouse, is located on the first level of the University Center. The Pirate's Cove offers a wide range of Starbucks coffees, teas, smoothies, soda, specialty sandwiches and desserts in a relaxing coffeehouse atmosphere. It is open Monday-Thursday 8 a.m.-11:30 p.m., Friday 8 a.m.-3 p.m., closed on Saturday and on Sunday when the University is in regular session.

Seton Hall University's Meal Plan Program allows students to select one of six options. Each student's ID card has a set number of meals per week plus Pirate Dollars that can be used to purchase products from the Galleon Food Court and Pirate's Cove, or to enter the Pirate Dining Room. In the Pirate Dining Room portion of the meal program, students will have one meal deducted every time they enter. Once in the Pirate Dining Room, students are allowed to eat whatever they choose with unlimited returns. Each student's number of meals will be reset according to his or her meal plan every Monday morning. A display at the register shows the amount being charged and the balance of meals or points remaining.

Additionally, there is a plan specially designed for commuters only which allows them access to the benefits of a meal plan. Plans are active during the entire Fall and Spring semesters, however, they are not active between the Fall and Spring semesters (Christmas) or the Spring and Fall semesters (summer). Meals remaining at the end of each week throughout the semester are not refundable.

Information concerning current Resident Meal Plans can be found at <http://studentaffairs.shu.edu/housing/mealplans0405.htm> or by calling (973) 761 9559.

***Seton Hall Flexible Point Plans** (“Flex Plans”) are prepaid accounts that may be used like cash in the Galleon Room and Campus Bookstore. These prepaid accounts work like the Pirate Dollars and soon will be able to be used on campus vending and laundry services. Flex Points may be used to supplement exhausted meal plans or simply to provide a convenient way to keep spending money handy for use in on campus facilities. To create a “Flex Plan” account, deposit money at Enrollment Service in increments of \$100. Additional money may be deposited at any time. Flex Points represent money already on deposit so it is impossible to overdraw an account. Unspent Flex Points are carried over to the following semester or may be refunded as the end of the academic year.

Public Safety and Security

Assistant Vice President/Director: Patrick P. Linfante, M.A.
Security Building, (973) 761-9300

Office Hours: Monday - Friday, 9 a.m.-5 p.m.

24-hour Security Service

E-mail: dispatch@shu.edu

studentaffairs.shu.edu/security

Seton Hall University provides 24-hour security services throughout the campus. The Department of Public Safety and Security offers, for the personal safety of the University community, an escort service to anywhere on campus when requested to do so. Call ext. 9300 for this service. Report a crime online at studentaffairs.shu.edu/security More information about the Department of Public Safety and Security can be obtained by calling (973) 761-9328.

Parking Services

Seton Hall University offers limited parking for commuting students and senior residents. Exceptions are made for other resident students in curriculum-related employment, such as coop programs, internships, student teaching and clinical assignments. A.D.A. approved accessible parking spaces are located throughout the campus in proximity to academic buildings. The use of these spaces is strictly enforced.

Students (including those studying part-time) must obtain a parking decal to park on campus. Detailed information about parking is available through the Parking Services Office, Duffy Hall, (973) 761-9329, 8 a.m. - 7 p.m. (Monday-Thursday), 8 a.m.-5 p.m. (Friday).

Campus ID Office

Director: Mary V. Goff, B.A.

Duffy Hall, (973) 761-9771

Office Hours: Monday-Thursday, 8 a.m.-6 p.m., and Friday, 8 a.m.-5 p.m.

E-Mail: goffmary@shu.edu

CampusID@shu.edu

Identification Cards/Card Access

The Campus ID Office provides identification cards to University students, faculty and staff. The card is utilized for identification, access, meal plans, and general flex points. All members of the University community must present a University identification card upon request to any University official, representative or campus security officer. Identification cards must be presented at residence halls, the Recreation Center, the computer center and Walsh Library. It is also used for access into many academic buildings and labs.

General Flex Points

The general flex points act as a debit card that is part of the ID card program. Seton Hall cardholders can add money to their cards to be used at various locations on campus. These locations are the bookstore, dining facilities, residence hall laundries and vending.

The uses and locations for the ID card to be utilized are expanding. Please check with the Campus ID Office for our latest information. You may also visit the Campus ID Office Web site at studentaffairs.shu.edu/campusid/index.html

Campus Ministry

Director: Reverend James F. Spera, M.Div., M.A.

South Boland Hall, (973) 761-9545

Hours: Monday-Friday, 9 a.m.-5 p.m.

E-mail: sperajam@shu.edu

admin.shu.edu/campusmn

Campus Ministry provides a pastoral presence on campus and seeks to evangelize and empower all by the prompting of the Holy Spirit, to become dedicated members of God's family. Campus Ministry seeks to bring to higher education the Church's general mission; namely, to preach the Gospel of Jesus Christ, by creating an environment that allows for spiritual, moral, liturgical, and sacramental development, as well as intellectual, social and physical nurturing. Campus Ministry staff helps guide the maturing Christian conscience, educate for peace and justice, and develop future Christian leaders.

The activities listed below are open to participants of all faiths. The Campus Ministry staff also will direct any member of the University community to local congregations that will foster individual spiritual development. An Interfaith Directory, which includes addresses and telephone numbers of houses of worship in the area, is available through Campus Ministry.

Worship

Sunday Mass is celebrated at 10 a.m., 6 p.m., 8 p.m. and 10 p.m. Daily Mass is offered Monday-Thursday at 8 a.m., noon and 5 p.m., and on Fridays at 8 a.m. and noon in the Immaculate Conception Chapel. Confession is available Monday-Friday at 11:30 a.m. and Wednesday at 11 p.m. and by appointment; Penance Services are celebrated in preparation for Holy Days.

Lay Ministry is an important element of Catholic worship. To enhance the celebration of the Liturgy, anyone interested in serving as a liturgical minister (lector, music minister, eucharistic minister or greeter) will be trained and mandated.

Morning Prayer is offered Monday-Friday in the Immaculate Conception Chapel at 7:30 a.m.

Additionally, Campus Ministry enriches the academic year by celebrating the University's religious heritage in traditions of:

- Mass of the Holy Spirit in September
- Eucharistic Days
- A Christmas Tree Lighting and blessing of the manger
- Lenten liturgies
- Baccalaureate liturgical celebrations

There also are liturgies specially arranged for student groups. Chapels in Boland and Xavier residence halls complement the Main Chapel and are available for private prayer, evening Mass, and specially scheduled events. All are open daily. Arrangements for Masses, baptisms and weddings may be made through the Campus Ministry office.

Catechetics

The Rite of Christian Initiation for Adults (RCIA) is a process that directs the full formation of students into the Catholic Church. Students learn to understand the teaching, worship, formation and community that comprise the Church.



It is also a catechetical program for baptized Catholics who desire full membership in the Catholic Church through the sacraments of Confirmation and the Eucharist.

Bible Study groups meet weekly in the Campus Ministry Lounge to promote a Catholic approach to the study of the Old and New Testament.

Spiritual Renewal

Retreat experiences are offered each semester, both on and off campus. Campus Ministry also provides a small-group environment, known as Small Christian Communities, where formation of Christian life is nurtured through friendship, reflection and social action.

Campus Ministry also assists any person who seeks spiritual direction, vocation discernment or crisis counseling. For more information, call (973) 761-9545.

Social Awareness

The Division of Volunteer Efforts (DOVE) responds to an ongoing call for social justice by direct involvement in serving others. This service stems from a desire to affirm the dignity of all people, and to live as Christ taught by putting faith into action. The pro-life student organization Seton Hall United for Life (SHUFL) hosts continuous pro-life awareness activities.

FOCUS (Fellowship of Catholic University Students) is present on Seton Hall University's campus as a resource for students desiring to learn more about their faith and how to apply it to every facet of their lives. Through FOCUS, Bible studies are available on campus for all students, as well as other various activities and opportunities. For more information, e-mail FOCUS@shu.edu

The Career Center

Director: Jacqueline Chaffin, M.Ed.

Bayley Hall, Suite 209

(973) 761-9355

Hours: Monday, Tuesday, Wednesday, 9 a.m.-5 p.m.

Thursday, 9 a.m.-6 p.m.

Friday, 8:30 a.m.-4:30 p.m.

E-mail: careers@shu.edu

studentaffairs.shu.edu/career

The Career Center facilitates and promotes career development and experiential education programs that enrich the academic experience and develop the career/life skills essential for students to be successful contributors in their professional and community lives. An integrated career development/management plan (which includes self-exploration, values-centered and ethical career decision making, experiential education, and employer/alumni networks) provides students with meaningful career/life experiences.

Experiential Education

Experiential Education at Seton Hall University is an educational strategy in which students apply factual, practical and

theoretical knowledge in a real-world experience. Experiential Education programs make active learning relevant for students in and beyond the classroom and include Internships/Co-operative Education, Community Service, Service Learning, Field Experiences, Practica, Clinicals and Student Teaching. The common element of these programs is that all provide the opportunity to combine classroom learning with "hands-on" work, service and learning experiences.

The Career Center supports students' career preparation for all Experiential Education programs. These programs enrich the academic experience and impact postgraduate success. All Internship/Cooperative Education programs are administered by The Career Center in partnership with the academic departments.

Internships/Cooperative Education

Seton Hall's Internship/Cooperative Education program integrates substantive work experience with intentional learning/academic goals. The Career Center works closely with academic departments and employers to provide quality work experiences for students. Internships/Co-ops are monitored and evaluated and require that the student reflect on what is being learned.

Internship/Co-op experiences help students to focus career choices, hone professional skills, clarify work values and decrease the anxiety about post-graduation career plans. Many students consider an Internship/Co-op as a credible means to learn the reality of the work environment. Students can work 15-40 hours per week and earn money to offset educational expenses. Internships/Co-ops can be paid or non-paid and credit bearing or non-credit bearing. To be eligible to participate in an Internship/Co-op, students must be matriculated and in good academic standing at the University.

Students who elect to earn academic credit for their Internship/Co-op experience must obtain approval from a faculty adviser. Faculty advisers approve the work experience for academic credit, help students articulate learning objectives and evaluate and grade the academic component of the experience. Academic departments may have additional requirements for credit-bearing internship/co-op experiences.

Students not interested in obtaining academic credit for the experience will work closely with a career professional from The Career Center. A prerequisite of sophomore standing (30 credits) is recommended. Students interested in obtaining an Internship/Co-op, should make an appointment with a professional at The Career Center, who will guide them through the process.

Career Counseling

National trends indicate that seventy percent of college students will change their academic major at least once. The Career Center's career assessments, Strong Interest Inventory, Focus, and Myers-Briggs Type Indicator (MBTI), offer students insight into how interests, personality, values and skills impact academic and lifelong career decisions.

Vocation and Career Workshops

Each year, more than 1200 students and alumni attend The Career Center's workshops. These career education seminars and hands-on workshops assist students with seeing their lives as a vocation/calling, resume and cover letter writing, goal setting, skill identification, interviewing techniques, developing portfolios or preparing personal/career statements, career search and networking strategies, and graduate school preparation.

Employer/Alumni Networking Events

The Career Center has forged strong partnerships with hiring employer organizations that specifically recruit Seton Hall students and alumni. Each year, more than 600 organizations attend on-campus career networking events, and/or recruit students and alumni for internship and full-time professional opportunities. Employers and alumni serve as career mentors and participate in networking events throughout the year to identify talent for their organizations.

The Career Center's events include alumni/employer networking forums that target specific industry areas and include: the Communications Networking Forum, Business Networking Event, the annual Career Fair that hosts more than 75 employers, the Education and Healthcare Professions Career Fair, and the Public Service and Nonprofit Career Fair.

eCareer Resources

The Career Center's Web site provides access to employment postings (e.g. internships/co-ops, part-time jobs and full-time professional employment opportunities), a calendar of events including career workshops, career fairs and employer information sessions, and more than 300 links to career management resources and additional job banks.

Navigator/eRecruiting is The Career Center's internal online internship and full-time professional job listing and resume posting system. Navigator also offers e-Resume books and the opportunity for students to network with alumni through the Internet. All students must register and construct a resume online with The Career Center.

The Career Center Resources module within students' Community Blackboard accounts offers a 50-page professional Career Guide, an online Resume Writing Tutorial, passwords codes for The Career Center's career assessment resources and other helpful information.

Alumni Mentors

The Career Center provides career transition guidance to alumni and invites their involvement in professional networking events. As a member of the Seton Hall University community, alumni stay involved with The Career Center and the University by serving as industry experts at various career forums and recruiting students for internships/co-ops and full-time professional employment opportunities. The Career Center's Pirate Mentor program also offers alumni an opportunity to stay connected to students and fellow alumni by serving as career mentors.

Department of Athletics and Recreational Services

Richie Regan Recreation and Athletic Center, Second Floor
(973) 761-9498

Hours: Monday-Friday, 8:45 a.m.-6 p.m.

E-mail: athletics@shu.edu

athletics.shu.edu or www.shupirates.com

Mission Statement

The mission of the Department of Athletics and Recreational Services is to ensure that the intercollegiate athletics and recreational programs represent and reflect the mission and goals of the University. By providing quality opportunities and programs that reflect high academic, moral and athletic standards, Seton Hall University enables all student-athletes to maximize their personal potential.

The department is committed to ethnic, racial, cultural and gender diversity along with attention to inclusion of the physically challenged. By providing challenging recreational opportunities and quality facilities for all members of the Seton Hall community, the Department of Athletics and Recreational Services seeks to create a sense of community spirit and pride among all constituents: students, faculty, staff, administrators and alumni.

The department believes in providing community experiences and opportunities for the development of leadership and personal life skills and career growth.

Athletics

The Department of Athletics and Recreational Services organizes, manages and promotes all intercollegiate and recreational sports activities at Seton Hall University, with the objective of enriching the educational experience of every involved student. On an intercollegiate level, the University competes in 17 sports, with approximately 250 student-athletes participating. Seton Hall is a charter member of the prestigious BIG EAST Conference, and competes on the NCAA Division I level in all sports.

Pirate athletics has enjoyed a rich tradition. In recent years, the men's basketball team has advanced to the championship game of the NCAA Tournament in 1989, the "Sweet Sixteen" in 2000 and won three BIG EAST titles during the 1990s. The women's basketball team competed in the NCAA Tournament in 1994 and 1995, advancing to the "Sweet Sixteen" in 1994. The baseball, golf, men's and women's track, men's soccer, softball and volleyball teams all have won BIG EAST titles. Student-athletes from the track, swimming and tennis programs have earned BIG EAST individual titles and have excelled at the national level.

Seton Hall student-athletes have been recognized for their athletic and academic achievements by being named to All-America, Academic All-America and All-BIG EAST Academic teams. Several athletes have been awarded post-graduate schol-

arships for their outstanding academic and athletic accomplishments. Seton Hall also has had a substantial impact in international competition. The University has been well-represented in recent Olympic Games, and coaches and athletes from the University participated in the 1992, 1996 and 2000 Summer Games.

Recreational Services

The University's Recreational Services Program promotes health and wellness and encourages wise use of leisure time. It provides extensive programmed activities developed to complement the many "open-recreation" opportunities provided by the Recreation Center.

The intramural program is open to all students, and offers recreational and leisure sports activities such as leagues, tournaments and special events. Students can participate in flag football, basketball, volleyball, softball, soccer, tennis, hockey, road races and more.

Club sports at Seton Hall are available to students interested in a higher level of competition than intramurals in a sport not offered on the intercollegiate level. Clubs are organized, financed and run by the students with administrative assistance provided by Recreational Services. Current club sports include ice hockey, rugby, and volleyball.

The offices of the Department of Athletics and Recreational Services are located in the Richie Regan Recreation and Athletic Center. Information about athletic programs may be obtained by calling (973) 761-9497. For information concerning intramurals, club sports or Recreation Center memberships, call (973) 761-9722.

Recreation Center Hours (during the Regular Session):

Sunday	10 a.m.-10 p.m.,
Monday - Thursday	7 a.m.-10 p.m.,
Friday	7 a.m.-9 p.m.
Saturday	10 a.m.-8 p.m.

Department of Community Development

Dean: Dawn L. Williams, Ed.D.

Bishop Dougherty University Center, Room 237
(973) 761-9076

Hours: Monday-Friday, 8:45 a.m.-4:45 p.m.

E-mail: community@shu.edu

studentaffairs.shu.edu/community

The Department of Community Development partners with students to develop and promote opportunities that celebrate unity. The department provides educational, social and leadership opportunities for all members of the Seton Hall University community, and encourages all students to create and take responsibility for the community in which they live. The department motivates and empowers students to succeed today and in the future. For more information, call (973) 761-9076.

Community Standards

Seton Hall seeks to create a community, through community standards, where rights and mutual responsibilities are both recognized and valued, where truth and Christian ideals are sought and lived. The University seeks to foster an environment of mutual respect and dignity for each member of its community of scholars and learners, and expects each person to take seriously his or her role in establishing such an environment.

Human Relations

Seton Hall believes that successful human relations are central to the University mission and identity as a Catholic university. The University views human relations as successful personal and professional interactions that foster respect and understanding for individuals and groups. The department continues to demonstrate leadership by assuring that the University's multicultural community and the interdependent nature of today's global world are reflected in the curriculum, programs and campus environment. These educational and social experiences provide students with appreciation of the present world in the larger context of human history.

Leadership Development

The department provides a student-focused environment that enhances creative expression, motivates students and organizations to achieve in goals for individuals and groups, and enhances interpersonal connections with others. The department fosters collaboration among campus departments and student organizations toward the goal of presenting a comprehensive campus life program that facilitates social, educational, spiritual, cultural, cognitive and ethical development.

Student Government Association (SGA)

The Student Government Association is made up of the legislative (senate) and executive branches. Both branches are responsible for representing students, providing educational programs and allocating monies to clubs. Elected representatives from the schools/colleges and departments of the University make up the Student Senate. Student senators are elected to the University Senate, which addresses all legislative matters pertinent to the University. The executive branch is responsible for managing the student government and its organizations.

Commuter Council

The Commuter Council was established to assist in the development and implementation of a program of social and academic activities to promote the welfare and interests of commuter students. The Executive Board — consisting of a president, vice president, treasurer and secretary — encourages students to participate actively on the council's committees. All commuters are urged to become involved in the co-curricular activities sponsored by the council to enhance their academic and personal growth.

Student Activities Board (SAB)

The Student Activities Board is the central programming body that plans all activities on campus. Through its various committees, the board provides a variety of low-cost programs. Events, such as films, lectures, travel, recreation, special events, comedy, concerts and coffeehouses are sponsored by the SAB and organized through committees.

Student Organizations

The following groups are jointly recognized by the Student Government Association and the University:

Accounting Club
Adelante
African-American Studies Club
African Student Leadership Coalition (ASLC)
Alpha Epsilon Delta (Pre-med)
Alpha Kappa Delta (Sociology)
Alpha Kappa Psi (National Business Fraternity)
Alpha Phi Omega
American Chemical Society
Amnesty International
Asian Studies Club
Beta Alpha Psi (Accounting)
Beta Gamma Sigma (Business)
The Biology Society
Black Student Union (BSU)
Brownson Speech and Debate Union
Catholic Studies Organization (CAST)
Chavez (literary magazine)
Clinical Psychology Student Organization
College Democrats
College Panhellenic Council
College Republicans
Commuter Council
Criminal Justice Association
Dance Team
Diplomacy Students Organization
Economics Club
Educational Opportunity Program Student Organization (EOPSO)
Emergency Medical Services Club
Filipino League at Seton Hall (FLASH)
Finance Club
French Club
Freshman Class Council
Habitat for Humanity
Haitian Organization Promoting Education (HOPE)
History Club
Hockey Club
Human Relations Programming Council
Interfraternity Council
International Students Association
Italian Student Union
Junior Class Council
Kappa Alpha Psi
Kappa Delta Pi (Education)
Marketing Club
Martial Arts Club
Martin Luther King Jr. Scholarship Association
Mathematics Club
Minority Greek Council
National Coalition Building Institute (NCBI)
National Council of Negro Women
Order of Omega Greek Honor Society
Organization of Physical Therapy Students (OPTS)
Phi Alpha Delta (Pre-legal)
Phi Alpha Theta (History)
Phi Sigma Alpha (Political Science)
Physician's Assistant Students Organization (PASSHU)
Political Science Association
Psi Chi (Psychology)
Psychology Club
Public Relations Student Society of America (PRSSA)
Red Cross Club
Resident Student Association
Rugby Club
Salaam Organization
Senior Class Council
Seton Hall Association of Indians (SHAI)
Seton Hall Union of Cuban American Students (SHUCAS)
Seton Hall United For Life (SHUFL)
Seton Hall United Nations Student Association
The Setonian (newspaper)
SHU Gospel Choir
Sigma Delta Pi (Spanish Culture)
Sigma Tau Delta (English)
Ski Club
Slavic Club
Social Work Student Association
Society for Physics Students
Sociology Club
Sophomore Class Council
Sports Management Students Association
St. Thomas More Pre-Legal Association
Student Activities Board (SAB)
Student Ambassador Society
Student Bayley Seton League
Student Government Association

Student Nursing Association
 Student Occupational Therapy Association (SOTA)
 Theatre Council
 Theta Alpha Kappa (Religious Studies)
 Touring Choir
 Undergraduate School of Diplomacy Student Organization
 Volleyball Club
 West Indian Student Organization
 Women's Resource Center
 WSOU Pirate Radio

Fraternities and Sororities

In addition to the national honor societies listed in the Academic Policies and Procedures section of this catalogue, fraternities and sororities active on campus include:

Fraternities

Alpha Phi Delta
 Lambda Theta Phi
 Lambda Upsilon Lambda
 Phi Beta Sigma
 Phi Kappa Sigma
 Phi Kappa Theta
 Pi Kappa Phi
 Psi Sigma Phi
 Sigma Phi Epsilon
 Sigma Pi
 Tau Kappa Epsilon
 Zeta Beta Tau
 Zeta Psi

Sororities

Alpha Gamma Delta
 Alpha Phi
 Alpha Sigma Tau
 Chi Upsilon Sigma
 Delta Phi Epsilon
 Lambda Tau Omega
 Lambda Theta Alpha
 Mu Sigma Upsilon
 Omega Phi Chi
 Phi Delta Pi
 Sigma Sigma Sigma
 Zeta Phi Beta

Health/Counseling Services

Director: Gail Pakalns, Ph.D.

University Counseling Services

Mooney Hall, Second Floor

(973) 761-9500

Hours: Monday-Friday, 8:45 a.m.-5 p.m.

Evenings by appointment

Student Health Services

303 Centre Street

(973) 761-9175

Hours: Monday-Friday, 8:30 a.m.-4:45 p.m., Wednesday

Evenings, Saturday Mornings

studentaffairs.shu.edu/health

The Department of Health/Counseling Services provides primary medical care, psychological assessment and counseling, substance abuse prevention programs, health education information and activities for matriculated resident and commuting undergraduate students. Regular consultations between health and counseling staff ensure consideration of both physical and psychological factors in an integrated view of health and wellness. All services are free and strictly confidential. Services are consistent with the University's Catholic mission.

Crisis Services

In the event of a personal or medical crisis, students may contact Health Services or Counseling Services directly; seek assistance from a University official, such as a residence hall director, faculty member or dean; or call the Department of Public Safety and Security at (973) 761-9300 or 911 on campus. After hours, for health emergencies the 911 system activates an immediate response by EMTs, local police, the Department of Public Safety and Security. Counseling professionals can be paged by the Department of Public Safety and Security to assist with urgent psychological crises.

Peer Health Education

Peer Health Education offers a variety of activities that promote healthy lifestyles and informed, responsible choices. Students are involved in planning, promoting and leading programs on topics such as nutrition, depression, substance use, stress management, violence prevention, sexuality and HIV. Students provide activities for annual special events (e.g., Women's Conference), campus celebrations (e.g., Human Relations Week; Black History Month), and ongoing health campaigns. Students also serve on campus-wide committees for which they help develop policies and programs.

The coordinator trains students to be peer health educators and provides prevention programs for the campus community. For more information, call the coordinator at (973) 275-2802.

Health Services

The purpose of Health Services is to help students achieve and maintain optimal health. The staff of nurses, physicians and Advanced Practice Nurses provide primary medical care emphasizing patient education.

The office provides a full range of primary care services, including assessment and treatment of acute illness, laboratory tests, routine gynecological care, allergy injections, free and confidential HIV testing, treatment for accidents and sports injuries, men's and women's health care, immunizations and care for chronic disease (e.g., asthma). Commonly prescribed medicines and some lab tests are available at low cost. Referrals to off-campus specialists and labs are available as necessary. Programs on health-related topics, such as physical fitness and nutrition, are offered free of charge. Health Services collaborates with the College of Nursing and the School of Graduate Medical Education to provide training opportunities for graduate students in the health professions.

The office is open Monday through Friday, 8:00 a.m.-4:45 p.m. year round and Wednesday evenings and Saturday 10 a.m.-1 p.m. during the academic year. In the event of a health emergency after-hours, the 911 system activates an immediate emergency response. Appointments and other information are available at (973) 761-9175 or at Health Services at 303 Centre Street.

Required Immunizations and Physical Examination

Health Services complies with New Jersey laws, the recommendations of the federal Centers for Disease Control and University policy by requiring all matriculated students to provide proof of a physical exam, a tuberculin skin test, and immunity to specific vaccine-preventable diseases prior to registration. The Student Health Form is accessed via the department website. All students must download, print and return this completed form in order to register for classes.

Mandatory Health Insurance

In compliance with New Jersey law, all full-time students must carry health insurance. Full-time students who do not submit an electronic waiver form about alternative coverage will be automatically enrolled in health insurance through the University. For information on the University-sponsored Student Health Insurance Plan, contact Student Health Services at (973) 761-9175 or review information on our website.

Center for Alcohol and Other Drug Prevention

The Center develops programs, provides education, conducts research and works collaboratively with the campus and surrounding communities to provide students and staff with alcohol and other drug prevention and intervention services. For more information, call the Coordinator at (973) 275-2802.

Counseling Services

The staff of psychologists and professional counselors assists students with personal concerns such as relationship problems, stress management, substance use and adjustment to college life. Counseling aims to facilitate personal development, prevent personal problems through skills-development (e.g., conflict-resolution skills), and identify and treat emotional difficulties interfering with academic achievement or personal well-being. Counseling collaborates with the Department of Professional Psychology and Marriage and Family Therapy to

provide training opportunities for graduate students in mental health professions.

The office is open from 8:45 a.m. to 5 p.m., Monday through Friday; evening hours are available by appointment. To make an appointment, call (973) 761-9500 or come to Counseling Services on the second floor of Mooney Hall.

Short-Term Personal Counseling

Services include crisis-intervention, short-term individual counseling, group counseling, substance abuse services, referrals for longer term treatment and supportive services for students in off-campus treatment. Usually students will have their first appointment within a few days of when they call or come in. After the initial interview, regular appointments can be conveniently scheduled. All services are free and strictly confidential.

Student Development and Personal Growth Programs

Workshops, educational programs and skills development training are offered on topics such as stress management, coping with loss, test anxiety, procrastination, assertiveness, prevention of relationship violence, multicultural competencies and substance abuse education. Students may participate with other students in a support group with a focus on specific concerns, such as addiction recovery, adult children of alcoholics (ACOA), adult incest survivors, and eating and food concerns.

Consortium Violence Prevention Project

The Consortium Violence Prevention Project is a two-year federally funded grant project to develop and implement education and training in collaboration with four other New Jersey college campuses, local service agencies and law enforcement. Activities are aimed at preventing violence against college women and coordinating on and off-campus services for victims of sexual assault, dating/domestic violence, and stalking.

The Project office is open daily from 9:00 a.m. to 5:00 p.m., Monday through Friday. To contact the Project Director, call (973) 313-6342.

Disability Support Services

Director: Linda R. Walter, M.Ed., L.D.T.C.

67 Duffy Hall

(973) 313-6003

Hours: Monday-Friday, 9 a.m-5 p.m.,
and evening hours by appointment

E-mail: walterli@shu.edu

The Department of Disability Support Services (DSS) provides services for students with learning, psychiatric, physical and medical disabilities as mandated by Section 504 of the Civil Rights Restoration Act and the Americans with Disabilities Act (ADA). Students must identify to DSS and provide appropriate documentation in order to receive services and accommodations in classes, in residence halls and throughout the campus. In addition to developing accommodation plans for students, the office works with faculty members, administrators, student service providers and members of the

Student Affairs division to assist students to succeed on campus. Workshops, support groups and individual assistance are also offered to meet student needs. Students with temporary disabilities due to injury or illness are also served by this department. Individuals who are in need of medical parking permits and/or handicapped parking must also apply through this office. Further information and specifics for all of these items are contained within the DSS Web site:

<http://studentaffairs.shu.edu/dss/>

The professionals in Disability Support Services have specialized credentials and experience. They offer a range of services to students with disabilities to facilitate their full participation in all campus activities in accordance with Section 504 of the Rehabilitation Act of 1973 and The Americans with Disabilities Act of 1990. The office provides documentation review, needs assessment, reasonable academic and other accommodations, counseling and support services, resource materials, and referrals. Education is provided to the campus community on disability-related issues.

Designated Consumer Officials

Certain members of the University administration have been designated as consumer information officials. Questions pertaining to various aspects of student life may be directed to these officials, as follows:

Academic Affairs:

Thomas K. Lindsay, Executive Vice President and Provost,
Presidents Hall, (973) 761-9655

Admissions, Financial Aid and Enrollment Services:

Thomas Green, Associate Vice President for Enrollment
Services, Bayley Hall, (973) 275-2286

Student Records:

Mary Ellen Farrell, Director of Enrollment Services/University
Registrar, Bayley Hall, (973) 275- 2293

Student Services:

Dawn Williams, Dean for Community Development, Bishop
Dougherty University Center, (973) 761-9076

A comprehensive listing of University offices and departments with their phone numbers and locations can be found in the Directory section of this catalogue.

WSOU-FM

Recreation Center

WSOU Studios & Listener Request Line: (973) 761-9768

WSOU Student Managers' Office: (973) 313-6110

WSOU General Manager: (973) 761-9546

General e-mail: wso@shu.edu

General Manager: Mark Maben

WSOU is the No.1 college radio station in the New York metro area. WSOU's signal on 89.5 FM reaches New Jersey's



most populous counties of Bergen, Essex, Middlesex and Union, the five boroughs of New York City and parts of Westchester, Passaic, Morris, Somerset and Monmouth counties. Each week, WSOU reaches tens of thousands of listeners with a mix of modern eclectic rock, Seton Hall athletics, and public affairs and community cultural programming.

WSOU, which is housed in the College of Arts and Sciences, is operated by Seton Hall students, under the supervision of a professional general manager. Although a noncommercial station, WSOU's management and staff structure is modeled on commercial radio, which provides students with enriching career-oriented educational experiences right on campus. Opportunities for student staff members include on-air hosting (DJ), production, promotion, newscasting, sports-casting, programming, sales and marketing, and engineering. WSOU draws students from all university colleges and programs, including communications, business, biology, education, nursing, sports management and diplomacy.

WSOU staff members benefit from working in WSOU's state-of-the-art facilities. Opened in March 1998, the station's studios provide hands-on learning experiences with industry standard equipment.

WSOU has been nationally recognized for its programming by the National Association of College Broadcasters, the Gavin Seminar, the *College Music Journal* (CMJ), the Album Network, *Billboard Magazine* and *Guitar Magazine*, among others. The station has received 50 platinum record awards for its role in the music industry. WSOU is administered by the College of Arts and Sciences, and the general manager reports to the dean of the College. A council consisting of alumni, friends, students and University administrators serves as an advisory body. For more information, visit the WSOU Web site: www.wso.net

Special Programs

College Seminary Program

Corrigan Hall, Room 66A

(973) 761-9420

collegeseminary@shu.edu

Rector: Monsignor Joseph R. Reilly, S.T.L., Ph.D.

Vice Rector: Reverend James F. Spera, M.Div., M.A.

Spiritual Director: Reverend J. Stanley Gomes, M.Div.

Hours: Monday- Friday, 8:45 a.m.-4:45 p.m.

The College Seminary – St. Andrew’s Hall takes seriously the Gospel invitation to “come and see.”

A College Seminary exists to provide students who experience a desire to be priests with an environment conducive for discerning the Lord’s will for their lives. This is done through a program of spiritual formation within community and ongoing guidance and direction.

Jesus Christ is the center of life at St. Andrew’s. Through the power of His Spirit, College Seminary students are formed in the likeness of Him whom they serve. The Seminary community life offers encouragement and fraternal support in living the Christian life. The University setting allows for the development of a strong foundation in various academic areas, which are essential to a well-rounded person.

Designed to prepare students for the diocesan priesthood, the College Seminary functions under its own rector, vice rector and a spiritual director. The program of formation is guided by the 1992 apostolic exhortation of Pope John Paul II, (*Pastores Dabo Vobis*), and by other documents of the Holy See and United States Catholic Conference of Catholic Bishops (USCCB).

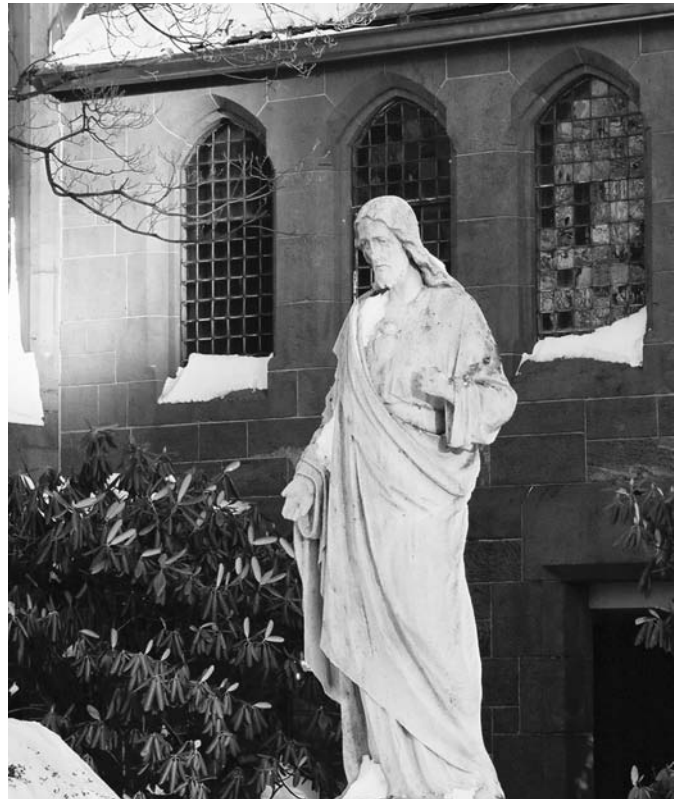
“The best preparation for tomorrow is to do today’s work superbly well.”

SIR WILLIAM OSLER

The College Seminary is affiliated with the Seminary Department of the National Catholic Education

Association and with the Eastern Regional Association of Catholic Seminaries. It operates under the auspices of the Roman Catholic Archdiocese of Newark, but accepts students for the priesthood sponsored by other dioceses and religious orders as well. Students wishing to study for the priesthood of the Archdiocese of Newark at the college level are strongly encouraged to attend the College Seminary.

Students must be accepted for admission to the University before they can be enrolled in the College Seminary. College Seminary students board at St. Andrew’s Hall, a few blocks from the main University campus in South Orange. St. Andrew’s provides a community setting where students and priests live and work closely together in an atmosphere of friendship, study and prayer.



Freshman Studies Program

Mooney Hall

(973) 761-9740

academic.shu.edu/freshstd

Hours: 8:45 a.m.-4:45 p.m.

Dean: Tracy Gottlieb, Ph.D.

Associate Dean: Bernadette Manno, M.A.

Operations Manager: Joan Brennan

Freshman Studies Mentors: Robin Cunningham, Ed.S.; Hezal Patel, M.A.; Forrest Pritchett, M.A.; Elizabeth Cappelluti, M.A.

Freshman Studies

Every entering student wants to succeed. Success is measured in many ways, but at Seton Hall University we envision a type of success where individuals are at their best socially and academically. The University aims to instill in its students a vision that involves forming students to be servant leaders in a global society.

The Freshman Studies Program, beginning its 19th year in Fall 2005, is an award-winning academic advising program designed to initiate students into this kind of success. The particular objectives of this crucial first year experience are:

- to help students adjust to life on a college campus;
- to assist in creating a social network; and
- to ensure that each student receives the best academic support available.

Freshman Studies uses three elements to accomplish these objectives: the Mentor, the Peer Adviser and the University Life Course.

Mentors

During the University's Pirate Adventure orientation, students meet the mentors in Freshman Studies. The mentors are highly trained professionals whose primary responsibility is to provide a constant resource person throughout a student's first year at Seton Hall University.

Mentors teach the University Life Course that all freshmen take in order to ensure a regular academic contact. Mentors help students take advantage of the many resources available at Seton Hall, including Academic Support Services, The Career Center, Health/Counseling Services, Campus Ministry and the many activities in Student Affairs. Mentors also ensure that students are connected to their chosen departments, and that the particular academic experience within each major happens according to plan. Students who are "undecided" as to their major when they enter Seton Hall are provided additional resources to assist in clarifying career and professional goals. All students are encouraged, through formal programming and informal meetings, to connect to an academic department as soon as they feel comfortable. Every effort is made to place students into a major by the end of their first year.

The primary goal of the mentors is to assist students in making choices regarding an academic program, while simultaneously integrating students into the life and community of the University.

Peer Advisers

Each first-year student is assigned a specially selected and trained peer adviser. The peer adviser, a successful undergraduate student representing the various schools and colleges in the University, works in tandem with mentors to provide "first-hand" insight to the student. It is vital that new students connect to the existing student body. Peer advisers provide an immediate resource in accomplishing this objective. Peer advisers serve as "big-brothers" and "big-sisters," working to ensure personal support and assistance to each person in our entering class.

The University Life Course

Each first-year student is enrolled in a 1-credit academic course that meets during the first semester. This University Life Course, taught by the mentor with assistance from the peer adviser, meets once a week for 50 minutes. The objectives are:

- to provide an academic context for resolving and planning academic and personal success;
- to integrate computer technology into regular classroom instruction;
- to familiarize students with University resources and opportunities;
- to improve reading and writing skills as well as analytical thinking; and
- to help meet the mission at Seton Hall University in "forming students to be servant leaders in a global society."

First Semester of Coursework

The major programs in the University have common requirements for beginning students. This core curriculum, in combination with a declared interest or major, makes up the courses of the first term. Most entering students take five classes and the University Life Course. Because most courses meet three times a week for 50 minutes or twice a week for 75 minutes and the University Life Course meets once a week for 50 minutes, the majority of Seton Hall students have a course load of 16 credits. Students who are admitted on a probationary basis, or who have other time constraints to consider, will take a course load of approximately four courses or 12 credits.

Freshman Studies is located in Mooney Hall on the University Green. Contact the office at (973) 761-9740 or visit the Web site at academic.shu.edu/freshstd

Comprehensive Achievement Program

Co-Directors: A.D. Amar, Ph.D. and David Abalos, Ph.D.
650 Jubilee Hall
(973) 761-9684

E-mail: amaramar@shu.edu

The Seton Hall University Comprehensive Achievement Program (SHUCAP) is a faculty mentoring program primarily for undergraduate students that was established in 1997-98 by 30 faculty from across the University. The program is open to all members, but is particularly appropriate for sophomores, juniors, seniors and new international and transfer students. Students are assigned a faculty mentor who is available to meet regularly with them and to work one-on-one through any academic issues or other concerns affecting students during their years of study at Seton Hall.

Through meetings with their mentors and "for those whose schedules permit" by attending workshops, students are informed about the array of resources and the wealth of information and services available at Seton Hall.

The focus of SHUCAP is establishing a personal and long-term relationship between a student and a knowledgeable faculty member such that there is in-depth discussion of academic plans and possibilities. There is confidence that a faculty member is accessible to a student should the student need help in resolving any issues that affect his or her academic progress or personal growth. Through this type of out-of-class contact with faculty, a student is encouraged and empowered to formulate an individual academic and career path in a planned and proactive way.

SHUCAP is a voluntary program – for both students and mentors. The program runs on the good efforts and donated time of its volunteering faculty, and on the faith of participating students in Seton Hall's commitment to their success and concern for them as individuals. There are currently more than 40 faculty involved in the program. For a list of SHUCAP faculty members, and for additional information, please visit the Web site at admin.shu.edu/shucap

Special Academic Programs

Educational Opportunity Program

Associate Dean / Acting Director: Erwin Ponder, M.Th., M.A.E.

Associate Director: Ingrid Hill, M.A.

Alfieri Hall

(973) 761-9161

Hours: Monday-Friday, 9 a.m.-5 p.m.

academic.shu.edu/eop

The Educational Opportunity Program (EOP) offers academic and financial assistance to disadvantaged New Jersey students whose true abilities and college potential may not be reflected in secondary school achievement. A personal interview is required as part of the application procedure. Supportive services in the form of a first year and upperclass student summer programs, mini-courses, learning center enrichment, tutoring, individualized counseling, information technology, graduate school access and placement programs, and community service/service-learning initiatives are provided for each student.

Additionally, parents of students are eligible to participate in family counseling and/or information technology certification programs.

Students accepted into the Educational Opportunity Program are full-time matriculated students from New Jersey. Once admitted to EOP, students must abide by policies and procedures outlined in their acceptance agreement. Those students who meet eligibility criteria receive the New Jersey Educational Opportunity Fund (EOF) Grant. Inquiries may be directed to the Educational Opportunity Program.

Military Science Department/ Reserve Officer's Training Corps

Professor of Military Science:

Lieutenant Colonel Madel A. Abb

Faculty: Captain Garcia; Captain Yencha;

Master Sergeant Richards, Master Sergeant Broady

Mooney Hall, 4th Floor

(973) 761-9446

Hours: Monday-Friday, 9 a.m.-5 p.m.

academic.shu.edu/rotc

Army ROTC

The purpose of Army ROTC is to provide leadership training. The Army ROTC program is divided into two parts, the Basic Course and the Advanced Course. In the Basic Course, there is no military commitment involved and allows students to "test drive" the Army. The Advanced Course is designed to select, train and commission future officers in the U.S. Army, Army Reserve or National Guard.

Most courses are acceptable as elective subjects (see "Credits Toward a Degree") where a student can follow a prescribed cur-

riculum leading to a commission as an officer in the U.S. Army. The Army ROTC courses are designed to aid students by providing hands-on leadership and management experience; enhancing the development of management skills which will translate into success in any career; developing self-discipline, physical stamina and poise; as well as providing the opportunity for a military career. Depending on the student's degree program, a maximum of 18 credits in ROTC courses may be applied to the bachelor's degree, with the approval of the student's academic adviser.

Basic Course

The Basic Course normally is taken during the freshman and sophomore years. Course work includes the areas of management principles, national defense, military courtesy and customs, map reading and rifle marksmanship. This course imposes no military obligation on the part of students. Basic Course requirements also can be fulfilled through attendance at ROTC Leadership Training Course (a twenty-eight day training course held each summer) or by having prior military service. Basic Course requirements also can be waived, on a case-by-case basis, by the Professor of Military Science for students who participated in a Junior ROTC High School Program.

Two-year Program

The two-year program is designed for Juniors who have not taken ROTC or students entering a two-year postgraduate program. Students eligible for the two-year program may complete requirements for their commission in two years. Students in the two-year program are fully eligible for financial assistance and may apply for scholarship assistance. To enter the two-year program, completion of the Basic Course, Leaders Training Course (LTC) or Basic Training is required.

Advanced Course

The Advanced Course is for cadets in their junior and senior years, or with four semesters of post graduate school remaining. Course work includes military history and ethics, leadership development, tactics and national security issues and concerns. The Advanced Course also includes a requirement to attend a five-week Leadership Development Assessment Course (LDAC), held during the summer between the junior and senior years, in which the cadet is further trained and evaluated for leadership potential. While at Leadership Development Assessment Course (LDAC), cadets receive pay, travel expenses and benefits.

In keeping with the military's demanding challenges, physical fitness is an important part of the ROTC experience. All cadets participate in supervised physical training designed to gradually bring individuals to a high level of health and fitness.

Cross-enrollment

Classes are held on the campus of Seton Hall University, where students from numerous colleges and universities in northern New Jersey take advantage of the opportunity to participate in Army ROTC.

For individuals presently serving in the National Guard or Reserve, or those with prior military service interested in the National Guard or Reserve, ROTC offers an opportunity to participate as an officer cadet while gaining valuable leadership experience in a Reserve unit through the Simultaneous Membership Program (SMP).

Cadets may belong to any of the special ROTC groups, such as the Ranger Challenge Team or Color Guard. Cadets also may apply for additional training, normally conducted during the summer, such as parachuting and mountaineering. Involvement in other activities that broaden horizons and experiences is encouraged. Questions should be directed to the Department of Military Science, (973) 313-6256 / (973) 761-9446 or via email at rotc@shu.edu.

Scholarships

The ROTC Program awards two-, three- and four-year scholarships on a competitive basis to outstanding students who are interested in the Army as a career. The scholarships provide up to \$20,000 per year for tuition, \$900 as a textbook allowance, and a yearly stipend worth between \$2500-\$4000. Any U.S. citizen attending a college or university as a full-time student may apply. Room and board incentives may also be available. Scholarship inquiries should be directed to the department of military science, (973) 313-6256 or on the web at <http://academic.shu.edu/rotc>.

Courses

Basic Course

ROTC 1101/0101 Foundation of Officership 2/0

ROTC 1102/0102 Basic Leadership 2/0

ROTC 2201/0201 Individual Leadership Studies 3/0

ROTC 2202/0202 Leadership and Teamwork 3/0

Advance Course

ROTC 3301/0301 Leadership and Problem Solving 3/0

ROTC 3302/0302 Leadership and Ethics 3/0

ROTC 4401/0401 Leadership and Management 3/0

ROTC 4402/0402 Officership 3/0

Advanced Independent Study

ROTC 5501/0501 Applied Leadership 3/0

ROTC 5502/0502 Leadership in the 21st Century 3/0

Course Descriptions

Basic Course

ROTC 1101/0101 Foundation of Officership

Introduce the organization and role of the Army. Introduction to leadership, military customs and traditions. Review the basic life skills pertaining to fitness and communication. Analyze Army values and expected ethical behavior. Corequisite: Leadership Laboratory. *2 credits*

ROTC 1102/0102 Basic Leadership

Practice basic skills that underlie effective problem solving and learn briefing techniques and the army writing style. Apply active listening and feedback skills. Examine factors that influence leader and group effectiveness. Examine the officer experience and life in the Army. Corequisite: Leadership Laboratory. *2 credits*

ROTC 2201/0201 Individual Leadership Studies

Develop knowledge of self. Self-confidence and individual leadership skills. Develop problem solving and critical thinking skills to include goal setting and the decision making process. Apply communication, feedback and conflict resolution skills. Corequisite: Leadership Laboratory. *3 credits*

ROTC 2202/0202 Leadership and Teamwork

Focuses on self-development guided by knowledge of self and group processes. Challenges current beliefs, knowledge, and skills while focusing on teamwork and group processes. Provides equivalent preparation for the ROTC Advance Course as the Leaders Training Course. Corequisite: Leadership Laboratory. *3 credits*

Advance Course

ROTC 3301/0301 Leadership and Problem Solving

Examine basic skills that underlie effective problem solving. Analyze the role officers played in the transition of Army from Vietnam to the 21st Century. Review the features and execution of the Leadership Development Program. Analyze military missions and plan military operations for small unit tactics. Corequisite: Leadership Laboratory. *3 credits*

ROTC 3302/0302 Leadership and Ethics

Probes leader responsibilities that foster an ethical command climate. Develop confidence and leadership competencies. Recognize leader responsibility to accommodate subordinate spiritual needs. Apply principles and techniques of effective written and oral communication. Instruction to National Advance Leadership Camp procedures. Prerequisite: ROTC 3301/0301 Corequisite: Leadership Laboratory. *3 credits*

ROTC 4401/0401 Leadership and Management

Builds on National Advanced Leadership Camp experience to solve organizational and staff problems. Discuss staff organization, functions, and processes. Examine principle of subordinate motivation and organizational change. Analyze counseling responsibilities and methods. Apply leadership and problem solving principles to a complex case study and simulation. Prerequisite: ROTC 3302/0302. Corequisite: Leadership Laboratory. *3 credits*

ROTC 4402/0402 Officership

Capstone course designed to explore topics relevant to second lieutenants entering the Army. Describe legal aspects of decision

making and leadership. Analyze Army organization for operations from the tactical to strategic level. Assess administrative and logistics management functions and perform platoon leader actions. Examine leader responsibilities that foster an ethical command climate. Prerequisite: ROTC 4401/0401. Corequisite: Leadership Laboratory. *3 credits*

Advanced Independent Study

ROTC 5501/0501 Applied Leadership

Independent study of applied leadership through battlefield case studies. Prerequisite: ROTC 4402/0402. *3 credits*

ROTC 5502/0502 Leadership in the 21st Century

Independent study of the demands of leadership in today's Army and the Army of the future. Prerequisite: ROTC 5501/0501. *3 credits*

Office of International Programs

Fahy Hall, Room 246

(973) 761-9072

Hours: Monday-Friday, 8:45 a.m.-4:45 p.m.

academic.shu.edu/oip

The Office of International Programs at Seton Hall serves to internationalize the Seton Hall community through services in three distinct areas.

1. Study Abroad

Seton Hall faculty members run a number of study abroad programs every year. They are primarily short term programs run mainly in the summer. These study abroad opportunities are offered in many countries, including, Spain, France, Italy, Ireland, England, Russia, Mexico, Japan, China and Korea. The Office of International Programs (OIP) promotes these programs and acts as a central information point. The OIP encourages students to make study abroad part of their college experience which is why the OIP also provides information, guidance and support to students wishing to study abroad on non-Seton Hall study abroad programs. The Office also maintains and develops exchange agreements with many universities abroad.

2. International Student Services

The Office of International Programs assists international students and scholars studying at Seton Hall. This includes issuing the initial documentation required to obtain a student visa as well as providing immigration counseling to all international students regarding maintaining visa status, employment, traveling, changing status, etc. Additionally, the OIP strives to assist foreign students with integration into the Seton Hall community through social and cultural events. The Office of International Programs also provides assistance and guidance to the International Student Association (ISA).

3. Cultural Activities and Center

The OIP also aims to promote awareness and understanding of other cultures throughout the campus. In addition to

sponsoring cultural events, study abroad, and international students on campus, the OIP achieves this by supporting cultural centers and institutes on campus such as the Asia Center and the Latino Institute.

Joseph A. Unanue Latino Institute

Fahy Hall 246

(973) 761-9422

Hours: Monday-Friday, 8:45 a.m.-4:45 p.m.

academic.shu.edu/latinoinstitute

latinoinstitute@shu.edu

Director: T.B.A.

Seton Hall University is poised to become the premier site for Latino Studies in the tri-state area through the creation of the Latino Institute and the proposed new undergraduate major in Latino Studies. Building on a rich legacy of service to the Seton Hall Latino community by the Puerto Rican Institute (founded in the early 1970s) and the Dominican Republic Institute, the Latino Institute has evolved as an institution which seeks to fulfill two intertwined missions. The first is one of service. The Latino Institute is the home at Seton Hall for Latino students and all students, faculty and staff with an interest in Latin American and Latino topics. The second is one of scholarship. Through generous support from a benefactor and the support and initiative of Monsignor Sheeran (who said we're living in a "Latino moment"), the trustees and the Dean of the College of Arts and Sciences, the Latino Institute and proposed Latino Studies program will promote research and teaching on aspects of Latino culture.

Faculty members in the College of Arts and Sciences plan to launch a comprehensive and interdisciplinary Latino Studies major in 2005-06. This major, combining Seton Hall's existing assets in the areas of modern languages, culture (sociology, anthropology and religious studies), history, and political science, and building the University's resources over time in terms of faculty specializing in Latino and Latin American studies, will put Seton Hall University on the map with the premier Latino Studies program in the country with the highest level of institutional support and prestige.

For more information, please see our Webpage at academic.shu.edu/latinoinstitute, or email latinoinstitute@shu.edu or visit our office in Fahy Hall 246, (973) 761-9422.

Student Support Services Program

Associate Dean: Erwin Ponder, M.Th., M.A.E.

Assistant Dean: Kenroy A. Walker, Ph. D.

Duffy Hall

(973) 761-9166

Hours: Monday-Friday, 9 a.m.-5 p.m.

academic.shu.edu/ss

The Trio Student Support Services Program is a federally funded academic program that offers a variety of educational, social and cultural activities to eligible low income, first-generation and disabled students.

Completion of an application and personal interview are required. The program provides seminars, and individual and group tutoring in many disciplines. Special emphasis is placed on information technology, mathematics, laboratory sciences and business. Academic, career, financial and other counseling services also are available.

Periodically, mini-seminars on subjects of particular interest to participants in Student Support Services are sponsored by the program. Topics include career opportunities, leadership development, preparation for licensing examinations and financial management.

Student Support Services is especially attentive to the needs of its disabled students. Every effort is made to accommodate the special academic needs of these students by recommending extended test-time and a distraction-free environment. The program assists students in arranging for note-takers, and in obtaining adaptive equipment, textbooks or cassette tapes.

The program works in tandem with existing programs to identify and support low-income, first-generation and disabled students. Those who meet eligibility criteria receive the Student Support Services Grant. Inquiries may be directed to the Student Support Services Program.

Educational Talent Search Project

Associate Dean: Erwin Ponder, M.Th., M.A.E.

Assistant Dean: Annette Arocho-Bautista

Presidents Hall

(973) 761-9230

Hours: Monday - Friday, 8:45 a.m. - 4:45 p.m.

The Educational Talent Search Project at Seton Hall University is a federally funded career and counseling program servicing economically disadvantaged students who attend public and parochial schools in Newark. The project's primary goal is to encourage and assist students to apply and gain admission to institutions of higher education, technical schools or continuing education programs throughout the United States. Participants in the Educational Talent Search Project are provided with personal support counseling, as well as academic and financial aid information that is necessary for success in college.

The primary target populations served by this program include students at Barringer, Central, Technology, Weequahic and Our Lady of Good Counsel High Schools; as well as Rafael Hernandez, Luis Munoz Marin, Gladys Hillman-Jones, George Washington Carver Middle Schools and Sussex Avenue Elementary School in the Newark Public Schools system. The Educational Talent Search Project also supports high school drop-outs and other students who are referred to the program via community-based organizations and other sources.

Upward Bound

Associate Dean: Erwin Ponder, M.Th., M.A.E.

Assistant Dean: Barry A. Ford, M.A.

Mooney Hall

(973) 761-9419

Hours: Monday – Friday, 8:30 a.m. – 5:00 p.m.

(Saturday, 8:30 a.m. – 1:15 p.m.)

Mission: “To Challenge, Build, Develop, Expose and Assist”

The Upward Bound/Project GRAD Institute at Seton Hall University combines federal, state and private funding to offer a variety of academic, counseling and cultural enrichment activities for disadvantaged “at-risk” students in grades 9-12. The academic curriculum is a Competency Based Initiative. It is based on and conforms to High School Proficiency Assessment, as well as the New Jersey Core Curriculum Content Standards. The Institute provides a six-week non-residential summer program and a 22 week (Saturdays only) academic year program for 130 low-income, first generation high school students from the cities of Orange, Newark, Irvington and East Orange, New Jersey.

Funding sources include the U.S. Department of Education, the State of New Jersey, Department of Agriculture, Bureau of Child Nutrition Programs, Project GRAD Newark and K-Dub Records.

College of Arts and Sciences



Fahy Hall, Room 118

(973) 761-9022

(973) 275-2564

artsci.shu.edu

Dean: Molly Easo Smith, Ph.D.

Associate Dean for Undergraduate Studies and Curriculum:
W. King Mott, Ph.D.

Associate Dean for Budget and Planning:
Gregory Burton, Ph.D.

Associate Dean for Graduate Studies and Curriculum:
Jeffrey Togman, Ph.D.

Associate Dean for Outreach and Public Relations:
Barbara Feldman, Ph.D.

Assistant to the Dean: Catherine Buckley, M.B.A.

Academic Administrative Assistant: Luul Asihel

Director of Special Projects: Miriam Lyons Frolow, M.P.A.

Director of International Programs:
Jürgen W. Heinrichs (Faculty Adviser)

Director of the Ruth Sharkey Academic Resource Center:
Mary Wislocki, Ph.D.

Director of Online Programming:
Kelvin William Bentley, Ph.D.

Departments and Chairs:

Africana and Diaspora Studies: Joseph R. Marbach, Ph.D.
(Coordinator)

Art and Music: Arline Lowe, M.F.A.

Asian Studies: Edwin Pak-Wah Leung, Ph.D.

Biology: Carolyn S. Bentivegna, Ph.D.

Chemistry and Biochemistry: Nicholas H. Snow, Ph.D.

Classical Studies: Frederick J. Booth, Ph.D.

Communication: Peter Reader, M.F.A.

Criminal Justice: Lonnie Athens, D.Crim.

English: Mary McAleer Balkun, Ph.D.

History: Maxine N. Lurie, Ph.D.

Mathematics and Computer Science: Bert Wachsmuth,
Ph.D.

Modern Languages: Daniel Zalacain, Ph.D.

Philosophy: Vicente Medina, Ph.D.

Physics: Sedong Kim, Ph.D.

Political Science: Joseph R. Marbach, Ph.D.

Psychology: Jeffrey C. Levy, Ph.D.

Religious Studies: Charles Carter, Ph.D.

Social Work: Emma G. Quartaro, D.S.W.

Sociology and Anthropology: Anthony L. Haynor, Ph.D.

Programs and Special Studies:

Catholic Studies: Monsignor Richard Liddy, S.T.L., Ph.D.

Economics: John J. Dall Jr., Ph.D.

Environmental Studies: Michael A. Taylor, Ph.D.

Gerontology: Emma G. Quartaro, D.S.W.

Health Professions: Gerald Ruscigno, D.C.

Italian Studies: William J. Connell, Ph.D.

Latino Studies: T.B.A.

Liberal Studies: William A. Smith Jr., Ph.D.

Multicultural Program: Christopher Sharrett, Ph.D.

Pre-Law Advising: Williamjames Hoffer, Ph.D.

Pre-Medical/Pre-Dental Plus: T.B.A.

Project Acceleration: Barbara Feldman, Ph.D.

Russian and East European Studies: Anna Kuchta, M.A.

Social and Behavioral Sciences: Philip M. Kayal, Ph.D.

University Honors Program: Gisela Webb, Ph.D.

Women's Studies: Cecilia Marzabadi, Ph.D.

The College of Arts and Sciences offers programs of study leading to the degrees Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Master of Healthcare Administration, Master of Public Administration and Doctor of Philosophy.

Through its core courses, the College of Arts and Sciences provides students with a foundation in the liberal arts and training in essential skills such as writing and oral communication; through its majors and minors, the College prepares students for professional careers or graduate education. A vibrant and dynamic community of learners, the College of Arts and Sciences has foundational roots in a rich intellectual tradition rooted in the liberal arts, is served by a committed and nationally recognized faculty, and offers courses and programs which provide students with multiple pathways to success. Future directions include a redesigned Science Center which will enable students to engage in cutting-edge research in state-of-the-art facilities and an alliance with South Orange Village which will add to performance facilities for the arts.

Undergraduate Programs of Study in the College of Arts and Sciences

Major Fields of Study Leading to the Bachelor of Arts Degree

Africana and Diaspora Studies *
 Anthropology *
 Applied Music
 Art History *
 Asian Studies*
 Biology
 Broadcasting and Visual Media
 Classical Studies *
 Communication Studies *
 Comprehensive Music
 Computer Graphics
 Criminal Justice *
 Digital Media and Video
 English *
 Environmental Studies *
 Fine Arts *
 French *
 Graphic Design and Advertising Art
 History *
 Journalism and Public Relations
 Modern Languages
 Music History
 Music Performance *
 Philosophy *

Political Science *

Psychology *

Religious Studies *

Social Work *

Sociology *

Spanish *

Theatre and Performance *

**A minor in this program is also available.*

Major Fields of Study Leading to the Bachelor of Science Degree

Biochemistry *

Biology

Chemistry *

Computer Science *

Mathematics *

Physics *

**A minor in this program is also available.*

Interdisciplinary and Special Programs

B.A. Catholic Studies

B.A. Economics *

B.A. Liberal Studies

B.A. Social and Behavioral Studies

- Anthropology concentration
- Psychology concentration
- Social Work concentration
- Sociology concentration

University Honors Program

**A minor in this program is also available.*

Dual Degree Programs

B.A. or B.S./M.B.A with the Stillman School of Business

B.A./M.A. in English

B.A. Art/M.A. Museum Professions

B.A. Political Science or Sociology/Master of Public Administration

B.A. Psychology/M.A.E. in Psychological Studies

B.A. Social and Behavioral Science/M.S. Athletic Training

B.A. Social and Behavioral Science/M.S. Occupational Therapy

B.S. Biology/Doctoral Physical Therapy

B.S. Biology/M.S. Physician Assistant

B.S. Biology/M.S. Athletic Training

B.S. Chemistry/B.S. Chemical Engineering with New Jersey Institute of Technology

B.S. Physics/B.S. Biomedical, Industrial, Civil, Electrical or Computer Engineering with New Jersey Institute of Technology

Certificate Programs

Digital Media Production for the Web

Gerontology

Russian and East European Studies

Television/Video Production

Web Design

Writing

New Jersey Teacher Certification Program

Art
English
History
Latin
Music

Additional Minors

Archaeology
Environmental Science
German
Italian Studies
Latin
Musical Theatre
Nonprofit Studies
Russian and East European Studies
Women's Studies

New undergraduate degree programs being developed in 2005-06 include bachelor of arts degree programs in criminology and Latino studies.

From time to time, the College offers special courses unattached to any particular department. They are by nature occasional, interdisciplinary and experimental, and allow for a variety of interests and initiatives.

The undergraduate program is based on the general requirements to which students, guided by a faculty adviser, add courses required in their major field and free electives.

Academic Advising and Tutoring

Students who have declared majors within the College of Arts and Sciences are advised by experienced faculty in their chosen academic departments within the College. This faculty adviser assists the student in the determination of educational objectives commensurate with his/her interests, talents and abilities. Course selection, particularly the sequencing of courses, is also accomplished in these advising sessions. Appropriate advising is a shared responsibility; both the faculty person and the student are engaged to seek the best possible experience for the student. As adults, it is the responsibility of each student to familiarize themselves with all academic policies and to understand all academic requirements. Included in these discussions is information about academic policies and procedures, curricular and co-curricular programs, and exposure to the full range of services and opportunities available for all Seton Hall students.

The Ruth Sharkey Academic Resource Center

All advising of pre-majors and inter-departmental majors is done through the College of Arts and Sciences' Academic Resource Center (ARC) located in Arts and Sciences Hall. Pre-major students are those who are exploring academic options, although they have completed 30 credits. These students are advised by specially selected faculty whose primary objective is

to assist students in evolving academic goals and selecting a major. Inter-departmental majors include liberal studies and social and behavioral studies. Faculty advisers in the ARC also work closely with students tracking graduate professional careers in law and medicine.

The ARC serves as a place for all students, whatever their year of study, to meet with faculty advisers about courses and academic options as well as for tutoring and academic assistance in subjects such as writing, math, languages, and science. All students, freshman to senior, are encouraged to visit the ARC to meet with faculty advisers and mentors as well as fellow students interested in working collectively on class projects.

Advisers in the ARC work closely with interested students to link them with alumni mentors through the Pirate Navigator program. ARC advisers and tutors also organize co-curricular activities, which bring faculty, students, and alumni together through visits to museums or attendance at theatrical productions, concerts, and SHU basketball games.

ARC tutors frequently conduct review classes in disciplines such as chemistry and biology, directly linked to the schedule of study maintained in introductory courses; announcements regarding these classes are posted on the ARC bulletin board as well as online and students are encouraged to avail themselves of these opportunities for increased and supplementary instruction in various disciplines.

The ARC thus provides a resource for students who wish to be fully engaged in the academic and co-curricular life of the College; it is a venue for formal and semi-formal faculty-student interactions and an opportunity for students to carry learning beyond the classroom, to become a part of a larger arts and sciences learning community which consists of fellow students, graduate teaching assistants, faculty, administrators, and alumni.

Please note: It is the responsibility of each student to know and meet graduation and other requirements, and to make every reasonable effort to obtain adequate academic advising. Any student in the College of Arts and Sciences who has not declared a major and who has completed 75 or more credits prior to October 15 preceding a Spring Semester, or prior to March 1 preceding a Fall Semester, shall not be allowed to register or preregister for any further courses at Seton Hall University without formally declaring an academic major. This shall be accomplished by placing an academic hold on the student's record, which can only be removed with permission of the dean or by filing a declaration of major.

Health Professions/Pre-Medical and Pre-Dental Advisory Committee

Seton Hall graduates have been successful as doctors, dentists, physical therapists, physician assistants, athletic trainers, optometrists, occupational therapists, podiatrists, veterinarians and chiropractors. Admission to medical, dental or other health professional schools is a highly selective matter based generally on scholarship, character and overall fitness. Although the majority of health professional schools prefer applicants with a bachelor of arts or bachelor of science degree, occasionally an exceptional student is admitted after completion of three full years of college work. Traditionally, health profession students have selected a science concentration. However, health professional schools encourage applicants to select major fields of concentration that reflect their interests and require some depth of learning within a given discipline.

While there is some variation of practice, most health professional schools require the following undergraduate studies: two years of chemistry, one year of biology, one year of physics, one year of English and one year of mathematics. Normally medical and dental schools require an aptitude examination (MCAT, DAT). The MCAT is administered in April or August of the prospective students' junior year in college. The dental admission test is given year round.

The health professions committee at Seton Hall aids students in selecting appropriate courses. Committee members get to know each student personally and consider all the variables in a student's academic and personality profile in order to advise the student/applicant in his/her choice of a health profession.

The University participates in several dual degree programs (Physical Therapy, Physician Assistant, Athletic Training, Occupational Therapy) and in early admission programs (Pennsylvania College of Optometry, Access-Med with Robert Wood Johnson Medical School). Interested students should contact the director of health professions for details about these programs. For additional information, visit the health professions' Web site at artsci.shu.edu/healthprofessions

Pre-Medical/Pre-Dental Plus Program

The Pre-Medical/Pre-Dental Plus Program (PMPDPP) is a four year undergraduate degree program for students pursuing a science major in the College of Arts and Sciences. The program provides a supportive environment for economically and educationally disadvantaged students to prepare for study in a medical, dental, or other health related field. PMPDPP provides students with the necessary tools and resources required for a smooth transition to medical, dental or graduate study in an allied health field.

Potential candidates must be full-time residents of New Jersey, demonstrate the desire to pursue a career in the sciences and satisfy academic and need-based financial criteria. Financial assistance is offered through New Jersey's Educational Opportunity Fund (EOF). University scholarships are also available to eligible students.

Entering freshmen attend a six-week summer program offering courses in college-level chemistry, mathematics and writing to help them make the transition to studying at the college level. Students earn up to six undergraduate credits during the summer program.

Pre-Med/Pre-Dental Plus students receive academic, career, and personal counseling as well. They work with the university's health advisor to plan course work in preparation for advanced level science courses as well as the student's own academic interests. Tutoring in key science disciplines is offered at least two times a week. A sense of community is fostered through meetings with the PMPDPP student counselor and monthly student meetings.

An additional feature of the program is Access Med. Access Med is a program offered, through an affiliation with Seton Hall University and Robert Wood Johnson Medical School, at the University of Medicine and Dentistry of New Jersey. Selected students begin taking first-year medical courses in their senior year and receive credit toward both the Seton Hall University Bachelor of Science degree and the M.D. at Robert Wood Johnson Medical School. Access Med offers a Medical College Admissions Test (MCAT) preparation course for selected junior-level PMPDPP students. This intense preparation class offers diagnostic and review sessions as well as several simulations of the MCAT examination. Students admitted to this phase of the Access Med program can achieve superior results on the MCAT exam.

For additional information visit the program's website at artsci.shu.edu/pmpdpp or call (973) 761-9648.

Pre-Law Advising

Admission to law school is highly competitive. The selection of applicants for admission rests with the admissions committees of the various law schools and is generally based on an acceptable level of performance at the undergraduate level, an acceptable score on the Law School Admissions Test (LSAT) and other criteria that may be set by the individual institutions.

There are no mandatory requirements for specific courses or majors that must be taken in preparation for entrance into law school; students from a wide variety of undergraduate major programs are regularly accepted by the various schools. Prospective law students most commonly major in such disciplines as political science, history, English and accounting, but admission to law school has often been granted to students who have majored in other areas.

Of far more importance to the prospective law student than the choice of major or of specific courses is attention to the development of skills in the expression and comprehension of the English language, and to the cultivation of the ability to

think creatively and critically, with thoroughness and intellectual curiosity. As noted in the Pre-Law Handbook, the official guide to American Bar Association-approved law schools, the development of these capacities “is not the monopoly of any one subject-matter area, department or division.” Students interested in pursuing a career in law should work closely with the University’s pre-law adviser.

For additional information, contact William James H. Hoffer, Ph.D., J.D., at (973) 275-2184 or visit the Web site at academic.shu.edu/prelaw.

Project Acceleration

Project Acceleration affords high school students the opportunity to earn college credit for successfully completing Project Acceleration courses at their local high schools. Courses are offered in the physical and biological sciences, languages, English, mathematics, education, art, music, economics, and social sciences. Credits earned through completion of these courses are offered at a reduced tuition rate and are entered on a Seton Hall transcript. Project Acceleration credits will apply to a Seton Hall degree, and are accepted by many colleges and universities. For more information call, (973) 761-9224 or send an e-mail projectacceleration@shu.edu.

Cooperative Education Experiential Education

Cooperative Education is one of Seton Hall University’s experiential education programs in which students apply factual, practical and theoretical knowledge in a “real-world” work experience. As an optional educational program available to students in the College of Arts and Sciences, cooperative education integrates classroom study with supervised learning through productive work experiences. Employer partners work closely with The Career Center and Arts and Science co-op faculty advisers to provide students with supervised, “hands-on” working and learning experiences that have relevance to their academic major and career goals. All co-op positions are carefully screened to insure that they provide a quality work and learning experience.

To be eligible, students must have completed 30 credits and maintain an overall GPA of 2.5. (some academic departments may have additional requirements.) Transfer students need to complete at least one semester at Seton Hall to be eligible. Co-op can be paid or non-paid and credit bearing or non-credit bearing.

All students interested in either a credit-bearing or non-credit cooperative education experience should schedule an appointment with career professional at The Career Center. Upon approval from a co-op faculty adviser, Co-op credits will satisfy general elective requirements. At the discretion of the college and/or the academic department, cooperative education credits may be used to fulfill major elective credits. Students are eligible to earn 3 academic credits per semester for a cooperative education experience and a maximum of 9 credits. Students

pursuing multiple semesters with the same employer must demonstrate increased level of responsibilities in their co-op experience. Students who elect a non-credit co-op experience are closely monitored by The Career Center.

Courses in the Cooperative Education Program include:

Cooperative Education I - Preprofessional exploratory experience in a field. Assignments will be made in an entry-level position of employment. Taken only with the written permission of a co-op faculty adviser.

Cooperative Education II - Intermediate professional experience in a field. Taken only with the written permission of a co-op faculty adviser.

Cooperative Education III - Professional experience in the field specifically oriented to the academic major and career objectives. Taken only with permission of a co-op faculty adviser.

Course Identification

The course numbering system used throughout the University is described in the Academic Policies and Procedures section of this catalogue. The abbreviations used to designate courses offered within the College of Arts and Sciences are:

- Department of African-American Studies (AFAM)
 - Department of Art and Music (AART, ARTH, MUAP, MUHI, MUTH)
 - Department of Asian Studies (ARAB, ASIA, CHIN, FILI, JAPN)
 - Department of Biology (BIOL)
 - Department of Chemistry and Biochemistry (CHEM)
 - Department of Classical Studies (CLAS, LATN, GREK)
 - Department of Communication (COBE, COGR, COJR, COMM, COPA, COST, COTC, COTH)
 - Department of Criminal Justice (CRIM)
 - Major Program in Economics (ECON)
 - Department of English (ENGL)
 - Department of History (HIST, GEOG)
 - Honors Program (HONS)
 - Interdisciplinary Courses (ARCH, CAST, ENVL, IDIS, WMST)
 - Department of Mathematics and Computer Science (CSAS, MATH)
 - Department of Modern Languages (FREN, GERM, ITAL, PORT, RUSS, SPAN)
 - Department of Philosophy (PHIL)
 - Department of Physics (PHYS, PHYE, EARTH)
 - Department of Political Science (POLS)
 - Department of Psychology (PSYC)
 - Department of Religious Studies (RELS)
 - Department of Social Work (SOWK)
 - Department of Sociology and Anthropology (SOCL, ANTH)
- To locate course descriptions, consult the Index.

Degree Requirements

To attain the degree Bachelor of Arts or Bachelor of Science in the College of Arts and Sciences, students must satisfactorily complete the core curriculum requirements of the College, the requirements of their major fields and a sufficient number of electives for a minimum of 130 credits. To qualify for the bachelor's degree, the student must have a minimum cumulative GPA of 2.0. A GPA of 2.0 also must be maintained in the major field and in any optional second major or minors unless a higher GPA is required.

All students are assigned a faculty adviser from the department or program in which they are enrolled who will assist in planning a four-year program.

Core Curriculum of the College of Arts and Sciences

The following core curriculum is the basis of the education of all students in the College of Arts and Sciences. This statement of the core curriculum begins with a discussion of the aims of a college education and proceeds to a listing of the various elements of the core requirements. These requirements, integrated into each student's departmental major requirements and a number of free elective courses to a total of 130 credits, constitute the four-year framework of the education offered by the College of Arts and Sciences.

An effective core curriculum is based on a set of educational goals that set out the faculty's understanding of the University's mission as a Catholic institution of higher learning at this time in its history:

1. The University should develop in students a critical intelligence, which is primarily, but not exclusively, a matter of intellect. It includes the ability to wonder, inquire, discern, distinguish, judge and grasp issues, and see relationships.
2. The University should promote the capacity to live in context, in community. This is to have a sense of history and of roots, and to participate in the building of community during a time of change in an interdependent world that is, paradoxically, endangered by fragmentation.
3. The University should develop communication skills and personal growth in the ability to articulate ideas and to receive them critically. Students should be able to read, write, speak and listen effectively.
4. The University should promote an understanding of the methods of the sciences and the humanities and an ability to confront the gap between them, as well as an understanding of its historical and philosophical origins.
5. The University should develop an appreciation of beauty and human work as they contribute to making life more humanly productive and creative.
6. The University should assist in the development of a vision of human life and its meaning, and an understanding of the values and grounds of values that shape it.

7. The University should develop in students, in addition to this broad liberal education, a specific competence in a particular academic discipline or area of study.

For these purposes, the following core curriculum of requirements has been established for every student in the College of Arts and Sciences.

A course taken to fulfill one core requirement may not be used to fulfill another requirement.

The Core Curriculum

The following are the requirements for the core curriculum of the College of Arts and Sciences and courses and examinations that fulfill these requirements.

A. English Language

All students must demonstrate college-level competence in the English language. Remedial courses do not count for graduation credit.

ENGL 1201-1202 College English I and II or English department procedure **Total: 0-6 credits**

B. Communication

All students must demonstrate competence in spoken communication.

COST 1600 Oral Communication or communication department procedure **Total: 0-3 credits**

C. Mathematics

All students must demonstrate competence in at least one college-level mathematics course, depending on major. Remedial courses do not count for graduation credit.

MATH 1101	Statistical Concepts and Methods
MATH 1102	Mathematical Perspectives
MATH 1202	Mathematical Models in the Social Sciences
MATH 1203	Statistical Models for the Social Sciences
MATH 1303	Quantitative Methods for Business
MATH 1401	Calculus I
MATH 1501	Honors Calculus I or mathematics Department examination procedure

Total: 0-3 credits, plus prerequisite courses, if necessary

D.1) Natural Sciences

All students must complete at least two 3-credit courses in the natural sciences: biology, physics and chemistry.

BIOL 1101	Introduction to Biology
BIOL 1102-1103	Human Anatomy and Physiology I-II
BIOL 1105-1106	Human Structure and Function I-II
BIOL 1201	General Biology/Organism
BIOL 1202	General Biology/Cell

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CHEM 1001	Chemistry and the World Around Us
CHEM 1101-1102	Elements of Chemistry I-II
CHEM 1301	Elements of Organic Chemistry and Biochemistry
CHEM 1103-1104	General Chemistry I-II
CHEM 1107-1108	Principles of Chemistry I-II
PHYS 1001	Introduction to Physical Science
PHYS 1007	Introduction to Astronomy
PHYS 1701-1702	General Physics I-II
PHYS 1705-1706	Principles of Physics I-II
PHYS 1811-1812	Physics Laboratory I*-II*
PHYS 1815	Physics Laboratory and Data Analysis I*

Total: 6 credits

**Laboratory courses must be taken in conjunction with the appropriate lecture courses.*

D.2) Behavioral Sciences

All students must complete at least two 3-credit courses in the behavioral sciences: anthropology, archaeology, economics, political science, psychology, sociology and social work.

AFAM 1111	Introduction to African-American Studies
ANTH 1201	Introduction to Physical Anthropology
ANTH 1202	Introduction to Cultural Anthropology
ARCH 1001 (IDIS 1201)	Archaeology for Liberal Arts
ECON 1402	Principles of Economics I*
ECON 1403	Principles of Economics II*
ECON 1411	Introduction to Economics
POLS 1001	Introduction to Political Science
POLS 1401	Western Political Thought I
PSYC 1101	Introduction to Psychology
PSYC 1105	Principles of Psychology I
PSYC 1106	Principles of Psychology II
SOCI 1101	Understanding Society
SOCI 2601	Social Problems and Solutions
SOCI 2701	Social Change
SOWK 1111	Introduction to Social Work
SOWK 2301	Social Policy Analysis
SOWK 2401	Social Welfare: Commonality and Diversity

Total: 6 credits

**Both ECON 1402 and 1403 must be taken to fulfill 3 credits of this requirement.*

E. 1) Western Civilization

All students are required to take 12 to 18 credits in culture and civilization courses distributed as follows:

A 6-credit sequence of courses in the study of Western Civilization:

Courses in the core curriculum that are linked by a hyphen (ARTH 1101-MUHI 1102) must both be taken in order to fulfill the requirement. These courses should be taken in the order listed.

ARTH 1101- MUHI 1102	Art of the Western World/Music and Civilization
ENGL 2101-2102	Great Books of the Western World I-II
HIST 1201-1202	Western Civilization I-II
PHIL 1102-1103	Philosophy and the Classical Mind/Philosophy and the Modern Mind

Total: 6 credits

E. 2) Foreign Language

A 6-credit sequence in a foreign language, taken in one of the following ways:

- by completion of a two-semester foreign language course at the intermediate level;
- by achievement of exemption through satisfactory performance on a foreign language examination at the intermediate level departmental examinations; or
- by completion of any two courses in advanced conversation.

CHIN 2101-2102	Intermediate Chinese I-II
FREN 1101-1102	Intermediate French I-II
GERM 1101-1102	Intermediate German I-II
GREK 2205-2206	Intermediate Greek I-II
GREK 2207-2208	New Testament Greek I-II
ITAL 1101-1102	Intermediate Italian I-II
JAPN 2101-2102	Intermediate Japanese I-II
LATN 2101-2102	Intermediate Latin I-II
RUSS 1101-1102	Intermediate Russian I-II
SPAN 1101-1102	Intermediate Spanish I-II
SPAN 1103	Accelerated Intermediate Spanish I-II
SPAN 2401-2402	Intermediate Spanish for Hispanics I-II Departmental examination in Chinese, French, German, Italian, Japanese, Latin, or Spanish

Total: 0-6 credits

E. 3) American Civilization/African, Asian and Latino Civilization/Foreign Language/Advanced Language

Complete 6 credits from one of the following E-3 categories:

A) A 6-credit sequence of courses in one of the following:

The study of American Civilization

ARTH 1107-MUHI 1108	American Art/Music of America
ENGL 2103-2104	American Literature I-II
HIST 1301-1302	American History I-II
AFAM 1213-1214	African-American History I-II
AFAM 2411-2412	Early/Modern African-American Literature
IDIS 1501-1502	Peoples and Cultures of America I-II

The study of African, Asian and Latino Civilizations

AFAM 1201-1202	History of African Civilization I-II
ASIA 3102-3103	History of Traditional Asia/Modern Asia
HIST 1401-1402	History of Latin America I-II
HIST 1501-1502	History of African Civilization I-II
HIST 1601-1602	History of Traditional Asia/Modern Asia
IDIS 1101-1102	Traditional Cultures of the Non-Western World I-II

B) A 6-credit sequence in Foreign Literature or Language from one of the following:

Foreign Literature Taught in Translation

ASIA 2101-2102	Asian Literature in English Translation I-II
CLAS 2301-2302	The Classical Epic/Greek and Roman Drama
CLAS 2303-2304	Politicians in Antiquity/Historians of Greece and Rome
ENGL 3401-3402	Classical Russian Literature/Contemporary Russian Literature
ENGL 3608-3609	Asian Literature in English Translation I-II

Language or Literature at a Higher Level than Intermediate (The courses listed here or at a higher level)

CHIN 3101-3102	Advanced Chinese I-II
FREN 1201-1202	Advanced French I-II (or above)
FREN 3301-3302 or 4311-4319	French Literature
GERM 1201-1202	Advanced German I-II (or above)
GERM 2301-2304	German Literature
ITAL 1201-1202	Advanced Italian I-II (or above)
ITAL 2301-2304, 2311-2316, or 2321-2332	Italian Literature
JAPN 3111-3112	Third Level Japanese I-II
JAPN 3113-3114	Introduction to Readings in Japanese I-II
JAPN 3211-3212	Business Japanese I-II
RUSS 2111-2112	Advanced Russian I-II (or above)
RUSS 2115-2116, 2313-2314, or 2317	Russian Literature
SPAN 1201-1202	Advanced Spanish I-II (or above)
SPAN 2501-2502	Advanced Spanish for Hispanics I-II
SPAN 3311, 4311-4315, or 4317-4323	Spanish Literature

Total: 6 credits

F. Ethical Questions

All students must complete one 3-credit course dealing with ethical questions viewed in the perspective of the Judeo-Christian tradition.

PHIL 1105	Ethics
PHIL 1108	Self and Community: Philosophy in Theory and Practice II
RELS 1502	Contemporary Moral Values
RELS 1503	Christian Ethics

Total: 3 credits

G. Philosophy and Religious Studies

All students must complete three 3-credit courses in philosophy and religious studies, with a minimum of one 3-credit course in philosophy and one 3-credit course in religious studies.

AFAM 2415	African Religions
AFAM 2416 (PHIL 1251)	African Cultural Philosophy
AFAM 2417 (RELS 2261)	The Black Church
ASIA 1101 (RELS 1402)	World Religions
ASIA 3101 (RELS 1403)	History of Asian Religious Reflections
PHIL 1101	Introduction to Philosophy
PHIL 1104	Logic
PHIL 1107	Self and Community: Philosophy in Theory and Practice I
PHIL 1204	Symbolic Logic
RELS 1010	The Religious Dimension of Life
RELS 1102	Introduction to the Bible
RELS 1202	Christian Belief and Thought
RELS 1302	Introduction to Catholic Theology
RELS 1402 (ASIA 1101)	World Religions
RELS 1403 (ASIA 3101)	History of Asian Religious Reflections
RELS 2261 (AFAM 2417)	The Black Church

Total: 9 credits

Department of Africana and Diaspora Studies

Arts and Sciences Hall, Room 202
(973) 761-9415

artsci.shu.edu/afam

Coordinator: Marbach

Faculty: Alexander; Sales Jr.

Faculty Emeriti: Miller

The Department of Africana and Diaspora Studies offers a program leading to the degree of Bachelor of Arts.

The Bachelor of Arts in Africana and Diaspora Studies is an interdisciplinary program of studies in the social and behavioral sciences, mathematics and the humanities, with practical field experiences applied to the special needs of the Black community. It is grounded in developing in students a broad background and understanding of all aspects of Black culture and history, forms of expression and application, as well as knowledge of other cultures. Students develop skills in policy analysis, scientific, social and cultural research, and formulation of community development and improvement proposals.

Depending on their preferences, graduates are prepared to work in social and educational institutions and agencies, government, business or the arts, libraries, museums, communication and other related areas. Graduates are fully prepared to take advantage of graduate training in Black studies, the social and behavioral sciences, the arts, humanities and the professions.

The Department of Africana and Diaspora Studies encourages serious scholarship committed to social change and obtaining human rights. Through the study of the unique history, society and life of Black people, the department encourages active participation in the struggle for social justice and freedom for Black people and thus for all peoples.

Major Program

To attain the bachelor of arts degree, students must complete the core curriculum of the College, the major requirements and free electives to total 130 credits. Upon completion of work for the degree, students must have a minimum cumulative GPA of 2.0. Each student will be assigned a faculty adviser who will assist in planning a four-year program.

Major Requirements

Level I		Credits
AFAM 1111	Introduction to African-American Studies	3
AFAM 1517	Research Methods	3

Level II		Credits
AFAM 1201-02	History of African Civilization I-II	6
AFAM 1213-14	African-American History I-II	6
AFAM 2412	Modern African-American Literature	3

Select one course from the following:

AFAM 2314	Psychology of the Black Experience	3
AFAM 2317	The Black Man and Woman	3
AFAM 2318	The Black Family	3
AFAM 2417	The Black Church	3

Select one course from the following:

AFAM 2411	Early African-American Literature	3
AFAM 2414	African-American Experience in Music	3
AFAM 2416	Black Cultural Philosophy	3

Level III

Select one course from the following:

AFAM 2212	History of the Civil Rights Movement	3
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The following four courses are offered once every four semesters

AFAM 2216	History of Western Africa	3
AFAM 2217	History of East and Central Africa	3
AFAM 2218	History of Southern Africa	3
AFAM 2219	History of North Africa	3

Select one course from the following:

AFAM 2311	Public Institutions and the African American	3
AFAM 2313	Urban Black Politics	3
AFAM 2325	Political Economy of Racism	3
AFAM 2329	Racism in Education	3

Select one course from the following:

AFAM 2330	Mass Media and Minorities	3
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The following three courses are offered once every three semesters

AFAM 2413	Literature of the Harlem Renaissance	3
AFAM 2418	Contemporary African Literature	3
AFAM 2420	Major Figures in African-American Literature	3

Level I

AFAM 5511	Senior Seminar	3
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Electives

Two electives from the offerings of the AFAM department	6
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Total: 45

Minor or Concentration in Africana and Diaspora Studies

AFAM 1111	Introduction to African-American Studies	3
AFAM 1201-02	History of African Civilization I-II	6
AFAM 1213-14	African-American History I-II	6

Electives within department offerings in the following areas:

Social and Behavioral Science	3
Culture	3

Total: 21

Course Descriptions

AFAM 1111 Introduction to African American Studies

Answers the questions: What has been the content of the Black experience and how has it changed over time? The economic, cultural, political and religious experiences of African-Americans are examined in traditional Africa, during slavery, after slavery in the rural South and in the present period of urban living. *3 credits*

AFAM 1201 (HIST 1501) History of African Civilization I

Emphasizes independent developments in African civilization and the impact those developments have had on human progress. *3 credits*

AFAM 1202 (HIST 1502) History of African Civilization II

Study of the traditional peoples and cultures; survey of contacts between Africa and the outside world with emphasis on colonialism, decolonization and the independence era. *3 credits*

AFAM 1213 (HIST 2375) African American History I

Interaction between Black and White society in the United States and the nature of Black society and culture to 1865. *3 credits*

AFAM 1214 (HIST 2376) African American History II

Continuation of AFAM 1213 from 1865 to post World War II. *3 credits*

AFAM 1411 Performing Arts

From ideas to actual performances using music, dance and drama with student participation. *3 credits*

AFAM 1412-1413 African American Dance I-II

Performance course based on the use of space, sense of rhythm, positions and sequence of movements, and general aesthetics associated with the Black experience in dance. *1 credit*

AFAM 1511 Basic Research and Writing

Developmental approach to learning how to write. Writing techniques and exercises drawn from creative sources to motivate students to be better writers. *3 credits*

AFAM 1512 Intermediate Research and Writing

Extensive application of the principles of research and writing to areas of problem solving within the context of various disciplines. Writing formats include the exploration of scientific writing and technical reports. Problems analyzed include affirmative action, needs assessment, demographic analysis, introduction to operations research. Introduction to computer-based data analysis. *3 credits*

AFAM 1513-1514 Gospel Choir

From ideas to performance, using various musical forms drawn from traditional Black music. *1 credit*

AFAM 1517 Research Methods

Advances the student's knowledge of research design issues, statistical and computer applications to the research process. Concentrates more fully on applications of research in organizational settings. *3 credits*

AFAM 1518 (SOWK 1314) Social Work and Law

Examines the advocacy role of the professional worker through study of American public policy and the problems of populations at risk. Focuses on cases and materials in law applicable to children, the aged and the physically and mentally disabled. Alternatives in housing, medical care and legal services. *3 credits*

AFAM 2211 Puerto Ricans and the Mainland

Overview of the Puerto Rican presence and experience in the continental U.S. combining social, cultural and historical elements. Primary emphasis is given to a comparative analysis of the dynamics and the unique manifestation of the Puerto Rican presence in the U.S. and its relationship to its Caribbean origin. *3 credits*

AFAM 2212 History of the Civil Rights Movement

Review of major events and campaigns. The decade 1955-65 represents the temporal focus of the course, but the movement's 20th century antecedents and the period between 1965-68 are discussed; the period within which the movement was broadened in international perspective and transformed into a struggle for human rights. Goals and objectives of the struggle and the movement's impact on American society are identified and evaluated. *3 credits*

AFAM 2213 History of Black Nationalism

Examines the philosophy of Black nationalism as it appears in the writings and speeches of major leadership figures in the African-American community in the 19th and 20th centuries. The nationalism of Martin R. Delany, Alexander Crummell, Edward Wilmot Blyden, Bishop Henry McMeal Turner,

Booker T. Washington, W.E.B. Dubois, Marcus Garvey, Honorable Elijah Muhammad and Malcolm X is covered. *3 credits*

AFAM 2214 History of Black Education

History of Black education from its origins in Timbuktu, Egypt and Ethiopia. Impact on Western civilization. Black colleges and universities; the Black student on the White campus. The Black scholar and the community; contributions of Black scholars to general knowledge. The myth of Black intellectual inferiority. Role of education in American society; educational innovation and improvement. Proposes models for urban education and its institutions, community involvement and community control. Preschool programs. Liberation schools. *3 credits*

AFAM 2215 Caribbean Experience

Investigates the history and culture of the English, French and Spanish speaking Caribbean Islands and contemporary issues confronting these societies and their immigrant communities on the mainland. Literature and music, film and guest lectures augment classroom discussion. *3 credits*

AFAM 2216 (HIST 2552) History of Western Africa

In-depth study of the primary forces that have shaped the political, cultural and social development of the area. *3 credits*

AFAM 2217 (HIST 2553) History of East and Central Africa

In-depth study of both the internal and external factors that have helped to shape the history of the area. *3 credits*

AFAM 2218 (HIST 2551) History of Southern Africa

In-depth study of the historical development of African and European societies in Southern Africa. Special emphasis on the beginnings and growth of White settlements and the evolution and de jure institutionalization of apartheid. *3 credits*

AFAM 2219 (HIST 2554) History of North Africa

Topics in North African History include pre-Arabia; Arabization and Islamization; Ottoman rule; North Africa since the Napoleonic invasion. *3 credits*

AFAM 2221 Pre-Colonial Africa

Exploration of the major intellectual, philosophical, religious, political, social, cultural and historical currents in the development of Africa from prehistory to c. 1800. *3 credits*

AFAM 2222 (HIST 2561) 20th Century Africa

Evolution of Africa from dependent colonial status to sovereign states in the international political arena, and the role and impact of these states on world global politics. *3 credits*

AFAM 2311 Public Institutions and the African-American

Critical examination of public institutions and public policy formation as it impacts on the welfare of the African-American community. Examines methods used by professionals, advocates and activists to improve responsiveness of public institutions to the legitimate needs of African-Americans. *3 credits*

AFAM 2312 (POLS 2615) African Political Institutions

An African-centered political system course. The salient economic, social and political variables involved with discussion of specific experiences. Examination of traditional background, colonial experience and post-independence era. *3 credits*

AFAM 2313 Urban Black Politics

Analytical study of the impact of black participation in American political institutions and their responsiveness to the political demands of the Black community. *3 credits*

AFAM 2314 Psychology of the Black Experience

Contemporary psychology and White racism. Consequences of being Black. Strengths of the Black community. Alternative psychological models. *3 credits*

AFAM 2317 (WMST 2317) The Black Man and Woman

Analysis of historical and sociological perspectives of the Black man and woman as separate entities and as partners. Primary focus on the African-American experience. Myths and misconceptions. Contemporary issues: projects for the future. *3 credits*

AFAM 2318 The Black Family

The Black family in America. Effects of slavery in Africa and the United States. Urban and rural America. Effect of socioeconomic levels. *3 credits*

AFAM 2319 American Foreign Policy in Africa

Historical development of American foreign policy in Africa. Analysis of the institutions and political and economic forces that shaped policy toward African countries and Africa's response to American foreign policy. *3 credits*

AFAM 2321 Community Mental Health

Indices of mental health as defined in terms of the unique community. The role of the professional and nonprofessional in developing viable alternatives. Crisis intervention, sensitivity training and community control as mechanisms for fostering community mental health. *3 credits*

AFAM 2322 Teaching the Black Experience

Focuses on the methods of teaching the salient facts of the Black experience to primary school children. Includes field visits and classroom observations in inner-city traditional and alternative schools. *3 credits*

AFAM 2325 Political Economy of Racism

Analysis of the anatomy of contemporary racism in the U.S. Examination of the socioeconomic structure, especially in the urban setting, as the dynamic creating and recreating institutional racism. *3 credits*

AFAM 2326 Economic Development in Africa

Materialist analysis of problems associated with underdevelopment in Africa. Origin and evolution of the "anatomy" of underdevelopment through the concept of "structured dependence." Investigation of trade, colonialization, foreign ownership of means of production and dependence on the world market. Examination of alternative development strategies, including socialist planning. *3 credits*

AFAM 2327 Organizing the Inner City

Methods of organizing Black communities to alter the responsiveness of institutions, assume control of them, or replace them. Heavy emphasis on the theories of power, politics and community control along with practical examples. *3 credits*

AFAM 2328 (SOCI 2511) Minority Aging

Examination of the "cultural difference" in the process of aging and its influence on resultant behavior patterns. Emphasis on comparison of traditional theories of aging with new data produced from an analysis of the "ethnic" variable. Topics include historical perspectives, demography, research methodology, theoretical orientations, social intervention and socioeconomic living circumstances. *3 credits*

AFAM 2329 Racism in Education

Study of the impact of overt and institutional racism on curricula and structure in public education. Examines strategies and materials used to reeducate mis-educated teachers and to create multicultural curricula free of racism. *3 credits*

AFAM 2330 Mass Media and Minorities

Study of mass media from a Black perspective. Covers a broad outline of the history of media and its developments, paralleling Black media and White media, and the impact each has had on the other and the institutions of our society. *3 credits*

AFAM 2331 People and Cultures of Africa

Social and material cultures of Africa through time, emphasizing the unity and diversity of the continent and its people. *3 credits*

AFAM 2333 The Black Child

Critical investigation of factors that condition and determine the physical, mental, emotional and spiritual development of the Black child. Topics include family and community life, education and self-awareness. *3 credits*

AFAM 2411 (ENGL 2613) Early African-American Literature

Survey of the major developments in Black literature since the 19th century. Literature in view of social, political and cultural movements of African-Americans. Comparisons with some works of Africans throughout the diaspora. *3 credits*

AFAM 2412 (ENGL 2614) Modern African-American Literature

Black writings involved with social protest and as an outgrowth of social change. The Black writer as an outgrowth of social change, and as a "mover," directing himself to his own community. Richard Wright to Imamu Baraka and contemporary neo-African and pan-African writers. *3 credits*

AFAM 2413 (ENGL 2617) Literature of the Harlem Renaissance

Harlem Renaissance (1920-40): the emergence of the "New Negro" and the impact of this concept on Black literature, art and music. Literary movements shaped by Claude McKay, Countee Cullen, Langston Hughes and Jean Toomer compared to American writers of the "lost generation." Special emphasis on new themes and forms developed by the Harlem Renaissance writers. *3 credits*

AFAM 2414 African-American Experience in Music

Performance/seminar/discussion format analyzing Black music from the historical perspective and as a unique vehicle for cultural expression and human communication, and as a basis for understanding the social and psychological development of the African-American. Requirements include concert attendance and listening assignments. *3 credits*

AFAM 2415 African Religions

Explores the complex nature of the African system of thought concerning God, man, animate and inanimate things, and the meaning of religious experience in African society. The effect of Christianity and Islam on African religious thought. *3 credits*

AFAM 2416 (PHIL 1251) African Cultural Philosophy

A survey of the philosophy and world views of representative Black thinkers and cultures from ancient Africa through the contemporary societies of Africa and its diaspora. *3 credits*

AFAM 2417 (RELS 2261) The Black Church

A survey of the major institution for religious expression developed by African Americans from its origins in slavery until the contemporary urban period. The social, economic and political role of the Black church as well as its cultural and religious functions are examined. *3 credits*

AFAM 2418 (ENGL 2616) Contemporary African Literature

Introduction to some of the major African novelists and poets, such as Chinua Achebe, Camara Laye and Denis Brutus. Identification of recurring themes and comparisons of various writers' attitudes toward the themes. *3 credits*

AFAM 2419 Cults and Cultism

Study in religion and culture; an analysis of the nature and manifestation of cults and the cultic experience. Affects of Western culture on folk societies; conflict between the world views of folk culture and Western ideas and technology. Affects of technology on the social and religious life of modern society. *3 credits*

AFAM 2420 (ENGL 2615) Major Figures in African-American Literature

In-depth study of major African-American literary figures, their lives and major works. *3 credits*

AFAM 3312 Advanced Seminar in Gerontology

Sharing of perspectives from the different disciplines involved in the gerontology program through small group study, supplemented by discussion in the full seminar. Special topics such as collaboration of staff, community and people served; security and safety; freedom of choice. Research methodology. *3 credits*

AFAM 3313 Practical Orientation in Inner-City Neighborhood Life

For advanced undergraduate and graduate students, an involvement with inner-city residents in researching neighborhood needs, demographic designs and collaborative problem solving. Problems, resources, city services and alternatives for change. Students assigned to groups in designated geographic areas, reflecting random samplings of socioeconomic and political life. *6 credits*

AFAM 3314 Psychological Testing and the Black Child

General, philosophical, theoretical and practical aspects of Western psychological testing. Specific in-depth discussion to afford the opportunity to comprehend the historical impact of testing in various contexts on African-American children. Examination of alternatives to standardized testing of norm reference, culture-fair and culture-free procedures. *3 credits*

AFAM 3315 Martin Luther King Jr. Honors Seminar

Designed for Martin Luther King Jr. scholars. An exploration of the philosophical development of Martin Luther King Jr. Study of theories of leadership through examination of the history of multicultural leaders in the 19th and 20th centuries. Seminar faculty assist students in development of a research paper relative to seminar topics. *3 credits*

AFAM 3316 Seminar in Urban Third World People

Study of the tradition of protest thought that has developed in the last century and a half in response to overseas expansion of Europe. Major emphasis on social theory of African and African-American intellectuals such as Fanon, Nkrumah, Cabral, Malcolm X, Marcus Garvey, Martin Luther King Jr. and W.E.B. DuBois. *3 credits*

AFAM 3317 Institute in African-American History and Culture

Intensive program of lectures, discussions, audiovisual presentations, readings and research assignments. Designed to increase familiarity with major themes and problems of African-American history and to examine the means into courses on the secondary level. *3 credits*

AFAM 3332 Community Research Internship and Seminar

Pragmatic community research, based on the assumption that the urban community understands its needs. Students learn specific skills, such as computer functioning and capability, census tract reading, data collection and compilation, report writing. Joint student-community and faculty projects. *6 credits*

AFAM 3390 Independent Study

Independent research under the supervision of the Black studies faculty. Faculty assigned according to areas. *1 credit*

AFAM 3391 Independent Study

Independent research under the supervision of the Black studies faculty. Faculty assigned according to areas. *3 credits*

AFAM 3393-3394 Independent Study

Independent research under the supervision of the Black studies faculty. Faculty assigned according to areas. *3 credits*

AFAM 3395 Independent Study

Independent research under the supervision of the Black studies faculty. Faculty assigned according to areas. *2 credits*

AFAM 5511 Senior Seminar

Conducted by faculty members. Focuses on the synthesis of field experience and classroom study through preparation of a major research project. *3 credits*

Department of Art and Music

Art Center and Corrigan Hall

Art: Art Center (973) 761-9459

Music: Corrigan Hall (973) 761-9417

artsci.shu.edu/artmusic

Faculty: Chu (*Director of Graduate Studies*); Haney; Heinrichs; Hile; Krus; Leshnoff; Levine; Lowe (*Chair*); Nichols; Schiller; Thurmond

Faculty Emeriti: Cate; Zsako

The Department of Art and Music offers major programs in art and music leading to the Bachelor of Arts degree. Several different concentrations are available, as listed below. The faculty of the department is a consortium of scholars and practicing professionals who provide an education that is both theoretical and pragmatic in approach. Thus, students are well prepared for careers in their professional fields relevant to the disciplines of art education, art history, fine arts, graphic, interactive and advertising design, music performance, and music education. For a complete listing of the requirements of Art and Music Education programs (K-12 certificate), offered in conjunction with the College of Education and Human Services, please see the Secondary Education section on page 215 for program and degree requirement listings.

In the field of **art**, students may opt for one of the following majors:

1. **Art History**
2. **Fine Arts** (Recommended for New Jersey certification in the teaching of art)
3. **Graphic, Interactive and Advertising Design**

In the field of **music**, students have a choice of two different majors:

1. **Applied Music** (Voice, keyboard, selected orchestral instruments)
2. **Comprehensive Music** (Required for students seeking New Jersey certification in the teaching of music)

Major Programs

All programs are chosen in consultation with the student's academic adviser.

Electives must be approved by the adviser. The requirements listed are the minimum, and students may choose to take more credits in their major fields.

Art History Major		Credits
ARTH 1101	Art of the Western World (freshman year)	3
ARTH 1111	Classical Art	3
ARTH 1113	Italian Art of the Renaissance	3
ARTH 1116	19th-Century Art: From Neoclassicism to Impressionism	3
ARTH 1118	20th-Century Art	3
ARTH xxxx	History electives	21
Total:		36

Fine Arts Major

I. Required Courses

	Credits	
AART 1110	Drawing I (first year)	3
AART 1223	Two-Dimensional Design and Color (first year)	3
AART 2210	Drawing II	3
AART 1217	Painting I	3
AART 1219	Introduction to Sculpture	3
AART 1224	Introduction to Printmaking–Intaglio (Fall)	3
or		
AART 1225	Introduction to Printmaking – Relief (Spring)	3
ARTH 1101	Art of the Western World (first year)	3
ARTH 1118	20th-Century Art (first year)	3
ARTH xxxx	Art History Electives	6

II. Elective Courses (12 credits)

For Fine Arts:

AART 2220	Figure Drawing	3
AART 2227	Painting II	3
AART 2215	Watercolor	3
AART 1224	Introduction to Printmaking – Intaglio (Fall)	

or

AART 1225	Introduction to Printmaking – Relief (Spring)	3
AART 2141-45	Special Topics	3
AART 2317	Digital Painting	3
COGR 2320	Still Photography	3
COGR 3325	Digital Photography	3
AART 3161-66	Independent Study	1-6

**Prerequisites: AART 2230 (Illustration) & AART 2312 (2D Computer Design)*

For Art Education:

AART 2215	Watercolor	3
AART 1219	Sculpture	3
AART 1220	Art Materials and Techniques	3
AART 1226	Traditional American Crafts	3
AART 2312	Digital Art and Design	3
AART 3161-66	Independent Study	1-6

Total: 42

Graphic, Interactive and Advertising Design Major

I. Required Courses (42 credits)

	Credits	
AART 1110	Fundamentals of Drawing (first year)	3
AART 1223	Two-Dimensional Design and Color (first year)	3
AART 1311	Introduction to Graphic Design and Advertising Art	3
AART 2230	Illustration	3
AART 2233	Typographic Design and Letterform	3

AART 2311	Advanced Graphic Design and Advertising Art*	3
AART 2312	Digital Art and Design	3
AART 2314	Computer-Assisted Illustration**	3
AART 2315	Art of Web Design I	3
AART 4312	Practicum Design Seminar (senior year)	3
ARTH 1118	Twentieth-Century Art	3
ARTH 1124	History of Graphic Design (first/second year)	3
COGR 2321	Print Typography and Electronic Publishing	3
COGR 2324	Desktop Publishing	3

*Prerequisite: AART 1311 (Introduction to Graphic Design and Advertising Art)

**Prerequisites: AART 2230 (Illustration) & AART 2312

Note: All students majoring in graphic design and advertising art must take the following core sequences:

*****II. Elective Courses (18 credits) Credits**

Group I (9 credits)

AART 2215	Watercolor I	3
AART 1217	Painting I	3
AART 1224	Introduction to Printmaking – Intaglio(Fall)	3
AART 1225	Introduction to Printmaking – Relief (Spring)	3
AART 2210	Drawing II *	3
AART 2220	Figure Drawing	3
COGR 2320	Digital Photography	3
AART 3193/3194	Graphic Design/Advertising Internship	3-6

Group II (9 credits)

AART 2317	Digital Painting	3
AART 2334	Three-Dimensional Packaging and Exhibit Design	3
AART 3313	Art Direction and Creative Strategy	3
AART 2316	Art of Web Design II **	3
AART 3312	Web Advertising and Development	3
AART 2318	Digital Art and Design II ***	3
COGR 2322	Introduction to 3D Computer Graphics	3
COGR 3323	Presentation Graphics	3

A. Western Civilization (Core, E-1):

ARTH 1101	Art of the Western World	3
MUHI 1102	Music and Civilization	3

B. Non-Western Civilization (Core, E-3):

ARTH 1107	American Art	3
MUHI 1108	American Music	3

* Prerequisite: AART 1110

** Prerequisite: AART 2315

*** Prerequisite: AART 2312

Music Performance Major (Voice/Keyboard/Instrument)

I. Music History 9

MUHI 1102, 1108 and 1133 or 1134

**Additional work may be required in Music History*

II. Theory 14

MUTH 1112	Theory of Music I	4
MUTH 2112	Theory of Music II	4
MUTH 3111	Theory of Music III	3
MUTH 4111	Theory of Music IV	3

III. Applied Music 28

A. Primary Instrument (Select 16 credits):

MUAP 2211-2219	Private Piano Instruction or	16
MUAP 2231-2239	Private Voice Instruction or	16
MUAP 3291-3299	Private Brass Instruction or	16
MUAP 3391-3399	Private Woodwinds Instruction or	16
MUAP 3491-3499	Private Strings Instruction or	16
MUAP 3591-3599	Private Percussion Instruction or	16
MUAP 3691-3699	Private Organ Instruction	16

B. Secondary Instrument (Select 4 credits):

MUAP 1011-1012	Beginning Piano I-II or	4
MUAP 2211-2219	Private Piano Instruction or	4
MUAP 1131	Beginning Voice	2
MUAP 2231-2239	Private Voice Instruction or	2
MUAP 1291-1294	Beginning Instruments	2
MUAP 3291-3299	Private Brass Instruction or	2
MUAP 3391-3399	Private Woodwinds Instruction or	2
MUAP 3491-3499	Private Strings Instruction or	2
MUAP 3591-3599	Private Percussion Instruction or	2
MUAP 1011	Beginning Piano	2
MUAP 3691-3699	Private Organ Instruction or	2

C. Ensemble (Select 6 credits):

MUAP 1141-1148	Band or	1
MUAP 1151-1158	Chorus or	1
MUAP 1161-1168	Vocal Chamber Ensemble or	1
MUAP 1183-1190	Instrumental Chamber Ensemble	1

D. Conducting (2 credits):

MUAP 1182	Conducting Techniques for Vocal Ensembles	2
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Total: 51

IV. Additional Requirements:

- A. All music performance majors shall demonstrate their proficiency for a faculty jury at the end of each semester;
- B. Music performance majors shall present a formal recital during their senior year;
- C. All music students are required to attend concerts and other activities sponsored by the Department of Art and Music and the Arts Council; and
- D. Students will participate in recitals during the academic year.

Comprehensive Music Major (Music Education)**I. Music History**

MUHI 1102, 1108, and 1133 or 1134

Additional work in Music History may be required*II. Theory**

MUTH 1112	Theory of Music I	4
MUTH 2112	Theory of Music II	4
MUTH 3111	Theory of Music III	3
MUTH 4111	Theory of Music IV	3

III. Performance Music*A. Primary Instrument (Select 16 credits):*

MUAP 2211-2219	Private Piano Instruction or	16
MUAP 2231-2239	Private Voice Instruction or	16
MUAP 3291-2299	Private Brass Instruction or	16
MUAP 3391-3399	Private Woodwinds	
	Instruction/Majors or	16
MUAP 3491-3499	Private Strings Instruction/ Majors or	16
MUAP 3591-3599	Private Percussion Instruction/ Majors or	16
MUAP 3691-3699	Private Organ Instruction/ Majors	16

*B. Secondary Instrument (Select 8 credits):**Note: All non-piano majors must study piano as their secondary instrument.*

MUAP 1011-1012	Beginning Piano I-II	4
MUAP 2211-2219	Private Piano Instruction or	4
MUAP 1131	Beginning Voice	2
MUAP 2231-2239	Private Voice Instruction or	6
MUAP 1291-1294	Beginning Instruments	2
MUAP 3291-3299	Private Brass Instruction or	6
MUAP 3391-3399	Private Woodwinds	
	Instruction or	6
MUAP 3491-3499	Private Strings Instruction or	6
MUAP 3591-3599	Private Percussion Instruction or	6
MUAP 1011	Beginning Piano	2
MUAP 3691-3699	Private Organ Instruction	6

C. Other Instruments (8 credits):

MUAP 1291-1294	Beginning Instruments	8
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D. Ensemble (Select 6 credits):

MUAP 1141-1148	Band or	1
MUAP 1151-1158	Chorus or	1
MUAP 1161-1168	Vocal Chamber Ensemble or	1
MUAP 1183-1190	Instrumental Chamber Ensemble	1

E. Conducting (2 credits):

MUAP 1182	Conducting Techniques for Vocal Ensembles	2
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F. Methods (3 credits):

EDST 3513	Methods of Teaching Music	3
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Total: 66**IV. Additional Requirements:**

A. All comprehensive music majors shall demonstrate their proficiency for a faculty jury at the end of each semester;

- B. Comprehensive music majors shall present formal recitals during the last semester of their senior year;
- C. All music students are required to attend concerts and other activities sponsored by the Department of Art and Music and the Arts Council;
- D. Students will participate in recitals during the academic year; and
- E. All senior recital dates and sites must be approved by the private instructor and the chair of the division.
- F. To qualify for teacher certification students will take the National Teachers Exam during their senior year.

Minor Programs

Minor programs are available in art history (18 credits), fine arts (18 credits), advertising art (21 credits) and applied music (20 credits). Requirements are:

Art History Minor

ARTH 1101	Art of the Western World	3
ARTH xxxx	Art History electives	15

Total: 18**Fine Arts Minor****I. Required Courses**

AART 1110	Drawing I	3
ARTH 1101	Art of the Western World	3

II. Elective Courses

AART 2215	Watercolor	3
AART 1217	Painting I	3
AART 1219	Introduction to Sculpture	3
AART 1223	Two Dimensional Design and Color	3
AART 1224	Introduction to Printmaking – Intaglio (Fall)	3
AART 1225	Introduction to Printmaking – Relief (Spring)	3
AART 2210	Drawing II *	3
AART 2220	Figure Drawing	3
AART 2227	Painting II **	3
AART 2317	Digital Painting	3
AART 2141-45	Special Topics	3

Total: 18** Prerequisite: AART 1110**** Prerequisite: AART 1217***Graphic, Interactive and Advertising Design Minor**

AART 1223	Two-Dimensional Design and Color	3
AART 1311	Introduction to Graphic Design and Advertising Art	3
AART 2311	Advanced Graphic Design and Advertising Art *	3
AART 2312	Digital Art and Design I	3
ARTH 1101	Art of the Western World	3
ARTH 1118	20th-Century Art	3
COGR 2324	Desktop Publishing	3

Total: 21** Prerequisite: AART 1311*

Music Performance Minor

I. Basic Requirements

MUTH 1112-4111	Music Theory I-IV	8
MUHI 1102	Music History	3

II. Music Performance

A. Instrument/Voice (Select 8 credits):

MUAP 1011-1012	Beginning Piano I-II	4
MUAP 2211-2219	Private Piano Instruction or	4
MUAP 1131	Beginning Voice	2
MUAP 2231-2239	Private Voice Instruction or	6
MUAP 1291-1294	Beginning Instruments	2
MUAP 3291-3299	Private Brass Instruction or	6
MUAP 1291-1294	Beginning Instruments	2
MUAP 3391-3399	Private Woodwinds Instruction or	6
MUAP 1291-1294	Beginning Instruments	2
MUAP 3491-3499	Private Strings Instruction or	6
MUAP 1291-1294	Beginning Instruments	2
MUAP 3591-3599	Private Percussion Instruction or	6
MUAP 1011	Beginning Piano	2
MUAP 3691-3699	Private Organ Instruction or	6

B. Ensemble (Select 4 credits):

MUAP 1141-1148	Band or	1
MUAP 1151-1158	Chorus or	1
MUAP 1161-1168	Vocal Chamber Ensemble or	1
MUAP 1183-1190	Instrumental Chamber Ensemble	1

Total: 23

Music Theatre Minor

I. Required Courses

COST 2631	Theatre History	3
COST 3620	Acting	3
MUAP 1131	Beginning Voice and/or	2
MUAP 2231-2239	Private Lessons	4-6
MUAP 1151-1158	Chorus	1
MUAP 1172	Opera/Musical Theater	1
MUHI 1134	Music of Broadway	3

II. Elective Courses

Choose one of the following (3 credits)

COST 2612	Dramatic Theory and Criticism	3
COST 3621	Directing	3
COST 3623	Lighting for Television, Theater and Film	3
COST 3625	Scene Design	3
COST 3626	Acting II: Classical Styles	3

Total 22

Dual Degree Program in Museum Studies

The combined B.A./M.A. in Museum Professions program leading to a master's degree in museum studies allows students to take 12 graduate credits during their junior and senior years, which count at once as elective credits for the B.A. and as graduate credits toward the M.A. degree. Students are admitted into the dual degree program at the end of their sophomore year. Admission is based on GPA, application essay and interview. Students must maintain a 3.0 average in the four graduate courses in order to be allowed to continue beyond the B.A. degree. Students can have any undergraduate major as long as they complete four undergraduate courses in art history before they receive their B.A. degree. Please contact Dr. Chu at ext. 9460 for further information.

Web Design Certificate Program

The Web Design Certificate Program provides students with instruction in the theory and industrial application of Web design and related visual information technologies. Students pursuing the certificate will be exposed to all aspects of Web design, including electronic graphic design, programming, creative information architecture, interactive product advertising and their relation to corporate marketing. Students completing this program will be capable of using multimedia techniques and user interface design to assemble content into aesthetically sound, persuasive and interactive Web sites.

Required Courses (16 credits)

AART 1223	Two-Dimensional Design and Color	3
AART 2312	Digital Art and Design	3
AART 2315	The Art of Web Design I	3
AART 2316	The Art of Web Design II	3
COGR 2111	Introduction to Hypertext Markup Language	1
COGR 2112	Introduction to Multimedia Communication	3

Course Descriptions

Fine Art, Graphic Design and Advertising Art

AART 1110 Drawing I

Development of foundational drawing skills. Learning basic drawing vocabulary and acquiring a sensitivity to the visual elements: line, shape, value and texture *3 credits*

AART 1217 Painting I

Introduction to the basic language, conventions, and material concerns of oil painting. Emphasis on a personal approach to observational painting. *3 credits*

AART 1219 / 1229 Introduction to Sculpture

Exploration of the basic elements of sculpture: space, material, process. *3 credits*

AART 1220 Art Materials and Techniques

Examination of the qualities and nature of the materials and processes by which art is created. *3 credits*

AART 1223 Two-Dimensional Design and Color

Development of visual literacy with regard to the ability to construct, interpret and verbalize the concepts involved in image making. Concepts covered will relate to all fields in the visual arts. Examples of fine and applied art will be analyzed using the principles and elements of two-dimensional design and color theory. *3 credits*

AART 1224 Introduction to Printmaking - Intaglio

Introduction through lectures, demonstrations and practical work to intaglio processes: drypoint, etched line, softground and aquatint. Previous drawing experience recommended. *3 credits*

AART 1225 Introduction to Printmaking - Relief

Introduction to relief printmaking, book arts and digital/photo processes. Previous drawing experience recommended. *3 credits*

AART 1226 Traditional American Crafts

This course combines lectures on traditional American crafts with hands-on instruction in such techniques as paper making, trade sign painting, quilting, rug hooking and bandbox painting. *3 credits*

AART 1227 Painting II

Continued exploration of oil painting materials and techniques, emphasizing more complex formal and conceptual problems. Prerequisite: AART 1217. *3 credits*

AART 1311 Introduction to Graphic Design and Advertising Art

Overview of creative, conceptual and practical aspects of graphic design and advertising art with projects, demonstrations and lectures on design, imagery, typography and new media. *3 credits*

AART 2141-2145 Special Topics in Applied Art

Selected topics, designated in advance of the semester, in the area of applied art. May be repeated for credit (under different number as topics change). *3 credits*

AART 2210 Drawing II

Individual projects using a variety of drawing media and techniques, resulting in a portfolio presentation. Prerequisite: AART 1110 or permission of instructor. *3 credits*

AART 2215 Watercolor I

Introduction to the materials, processes and techniques of transparent water color. *3 credits*

AART 2216 Watercolor II

Introduction to the materials, processes and techniques of transparent water color. *3 credits*

AART 2220 Figure Drawing

Introductory course in drawing the human figure, employing the use of male and female models. Comprehensive study of the nude human figure and its relation to painting. *3 credits*

AART 2230 Illustration

Introduction to graphic illustration. Beginning course in learning how to develop basic illustrative ideas using a variety of

media and conceptual approaches. Focus will be on basic composition, drawing and simple rendering techniques used in client-based illustration. *3 credits*

AART 2232 Photography in Advertising

A critical exploration of the structure, design and meaning of the photographic image and its uses in advertising. The techniques and aesthetics of photographic image making and its possibilities for graphic design and advertising are analyzed. Practical exercises are designed to stimulate creative seeing and visual thinking. Students will provide 35mm SLR camera, transparency film and processing. *3 credits*

AART 2233 Typographic Design and Letterform

Course will focus on basic use of letter forms and words as design elements in visual communication projects. Students will gain an understanding of historical roots of modern typography and use this knowledge to design logos, one page and multiple page designs for editorial, advertising, corporate and institutional design projects. *3 credits*

AART 2234 Three Dimensional Packaging and Exhibit Design

Design course will expose the student to solving three dimensional client-directed design problems. Students will learn about point-of-purchase display, product packaging, as well as exhibit design (institutional and corporate). Isometric drawing and orthographic project in the conceiving of environmental interior spaces for display purposes are addressed in this course. *3 credits*

AART 2311 Advanced Graphic Design and Advertising Art

Instruction in successful union of concept, type and image as they are combined in designing a wide range of print and new media applications in corporate, advertising and institutional areas. Prerequisite: AART 1311. *3 credits*

AART 2312 Digital Art and Design I

Introduction to computer graphics using draw and paint software programs. Image and type manipulations for graphic design applications will be taught through projects, lectures, seminars, and hands-on experience. Course focuses on computer based illustration and design techniques which involve industry-standard software packages. *3 credits*

AART 2314 Computer Assisted Illustration

Course in generating digital illustrations from sketches, tracings and photographs. Drawing and painting software will be used to create illustrations for diverse graphic design applications with emphasis on creativity and composition. *3 credits*

AART 2315 Web Design I

Utilizing programs such as Macromedia's Flash and Dreamweaver, students will create dynamic Web pages incorporating animation, video, audio and interactivity. Each student will be expected to complete a fully functional site by the end of the course. *3 credits*

AART 2316 Web Design II

This web design course introduces the students to the advanced applications used in Internet web communication. Instruction will include paradigms for developing web content for different

uses, outcomes and audiences. Technical design strategies and the use of advanced interactive techniques using software are inclusive of this course. Assignments in class will be structured around the contemporary publishing issues facing the Internet user of today. Upon completion of this course, students will possess knowledge of composing customized Internet content with interactive navigation, motion and sound design. *3 credits*

AART 2317 Digital Painting

Course is designed to introduce the student to the basic use of the digital computer's state-of-the-art's Adobe Photoshop and Painter software in creating original paintings and drawings. Emphasis will be placed on the translation and conversion of traditional studio-based artwork brought into a pixel based medium. *3 credits*

AART 2318 Digital Art and Design II

This course provides advanced computer instruction in digital design and concept development in the context of commercial advertising design. This is an applied studio course of technical approaches and computer design strategies used in solving challenges in visual communication as persuasion. Interactive component is part of course plan. *3 credits*

AART 3161-3166 Individual Studies in Art

Independent work under the guidance of the instructor. Prerequisite: 6 credits in studio art and permission of department chair. *Credits to be arranged*

AART 3193-3195 Art Internship

Pass/Fail option only *3-6 credits*

AART 3312 Web Advertising and Development

A web authoring course to introduce the advanced student to comprehensive website design and construction. Instruction will include web terminology, information delivery planning, communication strategies, navigations, paradigms, administrative area design and the use of current software in building web sites. *3 credits*

AART 3313 Art Direction and Creative Strategy

Course is designed to expose the student to a professional field experience structured through fully art directed project activity, creative strategy and targeted campaign design. Projects are comprehensive, including tactical and communication concepts and audience profiling. On and off-site visitations are part of course. *3 credits*

AART 3894 Art Co-op I

3 credits

AART 3895 Art Co-op II

3 credits

AART 3896 Art Co-op III

3 credits

AART 4312 Practicum Design Seminar

Comprehensive senior capstone course which involves preparation for final portfolio presentations and for developing professional resumes. *3 credits*

Art History

ARTH 1101 Art of the Western World

General survey of the history of art in the West from pre-classical Greece to the present day. *3 credits*

ARTH 1107 American Art

Overview of art and architecture in America from colonial times to the 20th century. *3 credits*

ARTH 1111 Classical Art

Study of the art and architecture of the ancient Greeks and Romans. *3 credits*

ARTH 1112 Medieval Art

Art in Europe from the beginning of Christianity through the full flowering of medieval culture in the Gothic age. *3 credits*

ARTH 1113 Italian Art of the Renaissance

Evolution of Italian art from the 14th through the 16th centuries. *3 credits*

ARTH 1114 Leonardo and Michelangelo

Detailed study of the two great masters of the Renaissance. *3 credits*

ARTH 1115 Baroque and Rococo Art

Historical development of painting and architecture in Europe from the post Renaissance period to the late 18th century. *3 credits*

ARTH 1116 19th-Century Art from Neoclassicism to

Impressionism

Evolution of modern art in Europe from the dawn of Neoclassicism in the later part of the 18th century until the last Impressionist exhibition in 1886. *3 credits*

ARTH 1118 20th Century Art

Art in our century, from Fauvism and Cubism to the present. *3 credits*

ARTH 1121 History of Architecture

Major epochs and areas in the history of architecture and the ordering of man's environment, ranging from the study of village remains of prehistoric times to the urban planning of our day. *3 credits*

ARTH 1123 Prints and Printmakers

Introduction to the major printing techniques with the help of original graphic art material and visual aids. Detailed discussion of some of the great printmakers in history: Dürer, Rembrandt, Goya, Daumier. *3 credits*

ARTH 1124 History of Graphic Design

An historical overview of graphic design from the early pictograph to the present. The course stresses both the theory and historical development of visual communication. The relationship between word and image is also a major theme. *3 credits*

ARTH 1125 Rubens, Rembrandt and the Masters of the North

History of painting and graphic art in the Low Countries from the early 15th to the late 17th centuries. *3 credits*

ARTH 1126 The Arts of China and Japan

Survey of Far Eastern art from prehistoric times to the 19th

century. Original works of art from the University's collections used for illustration and examination. *3 credits*

ARTH 1127 The Art of Van Gogh and His Contemporaries

European art of the Post-Impressionist era, with special emphasis on Vincent van Gogh. *3 credits*

ARTH 1128 Modern Art and Technology

Explores the nature and degree of the relationship between the arts (painting, sculpture, architecture, applied arts) and technological change in the industrial era, roughly covering the period between 1750 and the present. *3 credits*

ARTH 1130 Folk Art in America

A study of weather vanes, figureheads, cigar store Indians, paintings and other works by native artists. *3 credits*

ARTH 2141-2144 Special Topics in Art History

Selected topics in art history. May be repeated for credit (under different number as topics change). *3 credits*

ARTH 3151-3156 Individual Studies in Art History

Study and research in individual areas selected by the student in consultation with adviser and department chair. Junior or senior art history majors. *1 - 6 credits*

ARTH 3193-3194 Art Internship

Pass/Fail option only *3 credits*

ARTH 3194 Art Internship

3 credits

The following courses are open to graduate and advanced undergraduate students. Undergraduates need permission of the instructor to register

ARTH 5000 Art and Human Needs in a Multicultural World

The ritual, political and personal functions of artworks in their original context. The universal roles of art across all cultures, analyzing cultural differences as well as provocative parallels between such varied works as a Zuni clay vessel and a Greek amphora, and Los Angeles' Watts towers and the west facade of Chartres Cathedral. *3 credits*

ARTH 5001 Art Since 1945

An overview of contemporary art since the end of World War II in the Americas, Europe and the Pacific Rim. Emphasis on the contextualization of art in the political, social and cultural realm. The blur of traditional boundaries between art forms will be discussed, as well as the erasure of certain canonical properties of art, such as visuality and plasticity, (e.g., the handmade object). *3 credits*

ARTH 5002 The Interpretation of Art

The methodology of visual interpretation, (i.e., ways to determine what and how art signifies). Includes interpretive and critical approaches to art, such as Panofskian iconology, semiology, social history, political history, feminism, psychoanalysis and reception theory. The major assignment is interpreting a work of art on several different levels. *3 credits*

ARTH 5003 The Discriminating Eye

The role of art as object by dealing with issues of connoisseurship relative to the functions of the art museum - collecting,

researching, conserving and exhibiting artifacts. How the quality of an object is determined, how the selection of objects controls our impression of an artistic epoch and how museum collections have been shaped by these kinds of judgments. Art restoration and its effect on the integrity of objects also will be discussed. *3 credits*

ARTH 5005 History and Theory of Museums

This course will survey the history of museums and introduce students to the complex theoretical discourse that has informed museums since their inception. Special attention will be given to the lively debate regarding the significance of museums that has gone on during the past two decades. Though the course will focus primarily on museums of art, it will also touch on history museums, historic houses, and museums of anthropology and natural history. *3 credits*

ARTH 5009 African American Art

Overview of African American material culture and visual arts from colonial times to the present, including painting, printmaking, photography and sculpture. Close analysis of visual representations will go hand in hand with a discussion of key texts in art history and critical theory. Topics include the effects of patronage, the influence of class, gender and sexual orientation. Special interest in exploring how transatlantic travel and dislocation affected continuity and transformation in African American art practice and beyond. Regular class attendance, reading, oral participation, and engagement in classroom, museum field and online are essential for successful completion of course. *3 credits*

Applied Music

MUAP 1011-1012 Beginning Piano I-II

Group piano instruction for beginners, taught in electronic piano lab. Two one-hour classes per week. Prerequisite to private piano lessons. *2 credits each*

MUAP 1131 Beginning Voice

Group voice instruction for beginners. One two-hour class per week. Prerequisite to private voice lessons. *2 credits*

MUAP 1141-1148 Band

Brass and woodwinds ensemble, which plays a varied repertoire from classical to contemporary music. One or more performances a semester. *1 credit each*

MUAP 1151-1158 Chorus

Study and performance of choral music from the Renaissance to the present. Includes development of choral skills such as sight reading, intonation, establishing a good choral tone and vocal color. Audition required. *1 credit each*

MUAP 1161-1168 Vocal Chamber Ensemble

Auditioned vocal ensemble for advanced singers. Audition required. Membership in University chorus required. *1 credit each*

MUAP 1172 Opera/Musical Theater

Preparation of arias and vocal ensembles for the purpose of stage presentation. *1 credit*

MUAP 1182 Conducting Techniques for Vocal Ensembles

Practical training in the conducting of vocal ensembles. *2 credits*

MUAP 1183-1190 Instrumental Chamber Ensemble

Instrumental chamber ensemble for auditioned intermediate or advanced instrumentalists. Combinations (duos, trios, quartets, etc.) will be formed on the basis of availability of instruments and students' interest. *1 credit each*

MUAP 1291-1294 Beginning Instruments

Group instrumental lessons on wind, string or percussion instruments. The courses are designed for beginners, in an ensemble situation. *2 credits each*

MUAP 2141-2144 Special Topics in Applied Music

Selected topics, designated in advance of the semester, in the area of applied music. May be repeated for credit (under different number as topics change). *3 credits*

MUAP 2211-2219 Private Piano Instruction/Majors

Private lesson, 1 hour per week. Prerequisite: MUAP 1011 Beginning Piano I, or permission of department. *2 credits each*

MUAP 2231-2239 Private Voice Instruction/Majors

Private lesson, 1 hour per week. Prerequisite: MUAP 1131 Beginning Voice, or permission of department upon successful audition. *2 credits each*

MUAP 3181-3186 Individual Studies in Applied Music

Independent work under the guidance of the instructor. For exceptional students only. Prerequisite: permission of chair. *1-6 credits*

MUAP 3193-3194 Music Internship

Course acquaints music majors with the music industry in its different forms, (i.e., concert management, the recording industry, music broadcasting, etc.). Internships in any of these areas are extremely useful for students and may set them on a career path. *3 credits each*

MUAP 3291-3299 Private Brass Instruction

Private lesson, 1 hour per week. Prerequisite: MUAP 1291, 1292, 1293 or 1294 Beginning Instruments or permission of department upon successful audition. *2 credits each*

MUAP 3391-3399 Private Woodwinds Instruction

Private lesson, 1 hour per week. Prerequisite: MUAP 1291, 1292, 1293 or 1294 Beginning Instruments or permission of department upon successful audition. *2 credits each*

MUAP 3491-3499 Private Strings Instruction

Private lesson, 1 hour per week. Prerequisite: MUAP 1291, 1292, 1293 or 1294 Beginning Instruments or permission of department upon successful audition. *2 credits each*

MUAP 3591-3599 Private Percussion Instruction

Private lesson, 1 hour per week. Prerequisite: MUAP 1291, 1292, 1293 or 1294 Beginning Instruments or permission of department upon successful audition. *2 credits each*

MUAP 3691-3699 Private Organ Instruction

Private lesson, 1 hour per week. Prerequisite: MUAP 1011 Beginning Piano I or permission of department upon successful audition. *2 credits each*

Music History**MUHI 1102 Music and Civilization**

Approach to the history of music from the viewpoint of art, literature, politics and education from Greek civilization to the present. *3 credits*

MUHI 1108 Music of America

Survey of music from colonial times to present, with special emphasis on 19th-century romanticists and 20th-century neo-classicists. *3 credits*

MUHI 1112 Intro to Liturgical Music

A study of Liturgical music. A history and study of repertoire, composers and function of music in the liturgy. *3 credits*

MUHI 1119 History of Opera

Survey of operatic trends from 1600 to present. Concentration on the works of Mozart, Verdi, Wagner, Puccini and Strauss. *3 credits*

MUHI 1133 Jazz and Rock

Survey of the two major areas of American popular music: Jazz and Rock. Analysis of their roots, development and style will be covered. *3 credits*

MUHI 1134 Music of Broadway

Survey of the music presented on the "Great White Way" from 1750 to the present, including a look at the minstrels, operettas, reviews, follies, vaudeville and musical plays, as well as the famous musicals that have appealed to Americans since 1939. *3 credits*

MUHI 1137 Gregorian Chant: Notation Methods of Singing, Direction

Study of plain chant as it developed in the Church: the singing, the history, the interpretation and the relationship to the liturgy. *3 credits*

MUHI 2141-2144 Special Topics in Music History

Selected topics in music history. May be repeated for credit (under different number as topics change). *3 each credits*

MUHI 3171-3176 Individual Studies in Music History

Study and research in individual areas selected by the student in consultation with adviser and department chair. Prerequisite: 6 credits in music. Course open to graduate and advanced undergraduate students. *1-6 credits*

MUTH 1112 Theory of Music I

Comprehensive study of musical notation: sight singing, melodic and rhythmic dictation, basic analysis of triads, inversions, phrase structure and the technique employed in harmonization. *4 credits*

MUTH 2112 Theory of Music II

Comprehensive study of harmony including harmonic and rhythmic dictation, advanced sight-singing, study of seventh chords, secondary dominants, modulation to closely related and foreign keys plus advanced four-part analysis. *4 credits*

MUTH 2141-2144 Special Topics in Music Theory and Analysis

3 credits

MUTH 3111 Theory of Music III

Basic study of the techniques used in instrumental and vocal music composition. Basic form and practical implementation of rules of composition. *3 credits*

MUTH 3131-3144 Special Topics in Music Composition

1-6 credits

MUTH 4111 Theory of Music IV

Study of arranging and orchestration skills utilized in choral and instrumental music. Techniques in doubling, orchestration for large and small ensembles as well as copyright laws and how to be published. *3 credits*

MUTH 4171-4176 Individual Studies in Music Theory

1-6 credits

MUTH 5171-5176 Individual Studies in Music Composition

1-6 credits

Department of Asian Studies

Fahy Hall

(973) 761-9464

artsci.shu.edu/asian

Faculty: Brown (*Undergraduate Adviser, Co-op Adviser*); Chen; Leung (*Chair*); Osuka (*Director of Graduate Studies*)

Faculty Emeriti: Blakeley; Kikuoka; Ma; Yang; Young

The Department of Asian Studies offers programs leading to the Bachelor of Arts and Master of Arts degrees. The major program provides students with training in the languages, histories, politics, religions, and cultures of Asia, leading to careers in government, international services, research, teaching and business, as well as to advanced graduate study. The Master of Arts program prepares students to become Asian specialists in many fields, most especially, government and diplomatic services, business, and secondary and tertiary education.

The languages offered by the department are Arabic, Chinese (Mandarin), Japanese and Filipino. Area courses cover the civilizations and affairs of Asia, with emphasis on Northeast Asia: China, Japan, and Korea.

Major Program

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete a minimum of 48 credits in Asian Studies.

Departmental Requirements

I. Language Courses

24 credits in a single Asian language

II. Area Courses

24 credits in area studies, 12 of which must include the following:

ASIA 3127, 3128	History of Traditional China, History of Modern China
ASIA 3129, 3130	History of Traditional Japan, History of Modern Japan

Select 6 credits in social science courses from among the following:

ASIA 2112	Geography of Asia
ASIA 2114	China in World Affairs
ASIA 3114	Asian Politics
ASIA 3115	Asian Social Life
ASIA 3131	Contemporary Chinese Politics
ASIA 3132	Contemporary Japan and other approved courses

Select 6 credits in humanities courses from among the following:

ASIA 1101	World Religions
ASIA 1111	Zen and Yoga
ASIA 2101-2102	Asian Literature in English Translation I-II
ASIA 3101	History of Asian Religious Reflections and other approved courses

Minor Program

In addition to meeting the standards and requirements of the College of Arts and Sciences, students minoring in Asian studies must complete a total of 21 credits in the field.

Track A

Required Courses: 9 credits

ASIA 3102	History of Traditional Asia
ASIA 3103	History of Modern Asia
Plus one additional Asian area studies course	

Electives

Chinese or Japanese language courses (12 credits) or Asian Area Studies (12 credits: Concentration in China or Japan)

Track B

Completion of 18 credits in one Asian language and one Asian area studies course (3 credits)

Course Descriptions

Arabic

ARAB 1011-1012 Introductory Modern Standard Arabic I-II

Learning the basic skills of Modern Standard Arabic: pronunciation and writing. Stress on listening comprehension and the ability to communicate in everyday situations through classroom practice and drills, reinforced with audio-visual materials and Internet and computer programs. Special emphasis will be placed on interactive learning. Prerequisites: for ARAB 1011, none; for ARAB 1012, ARAB 1011 or equivalent. *3 each credits*

ARAB 2101-2102 Intermediate Modern Standard Arabic I-II

This course will focus on intermediate level grammar, vocabulary, listening comprehension, reading and writing of standard Arabic. Stress on listening comprehension and the ability to communicate in everyday situations through classroom practice and drills, reinforced with audio-visual materials and Internet and computer programs. Special emphasis will be placed on interactive learning. Prerequisites: for ARAB 2101, ARAB 1012; for ARAB 2102, ARAB 2101 or equivalents. *3 credits each.*

Asian Area Studies**ASIA 1101 (RELS 1402) World Religions**

Basic issues in major faith traditions of the world. Special emphasis on the religious experience as expressed in sacred literature and specific world views and mythologies. Considerations of traditional rituals and symbols as well as nontraditional forms used to express response to the sacred. *3 credits*

ASIA 1111 Zen and Yoga

Rise of Zen in China and Japan; development of Yoga in India. Students learn the actual exercises and postures of Zen and Yoga. *3 credits*

ASIA 2101-2102 (ENGL 3608-3609) Asian Literature in English Translation I-II

Appreciation of Asian literature. Readings and analysis. Part I: traditional literature (5th century B.C. to 18th century A.D.). Part II: modern literature (19th through 21st centuries). *3 credits each*

ASIA 2112 Geography of Asia

Physical environment and human problems of Asia. Emphasis on China, Japan, India and parts of Central Asia. *3 credits*

ASIA 2114 China in World Affairs

General survey of China's foreign relations in the 20th century, particularly in the post-1949 period. China's relations with the United States, Russia and developing countries. *3 credits*

ASIA 2115 Japan and the United States

A comparison of the Japanese and American political, economic and social systems; an exploration of the political and economic relations between the two nations. Special attention is focused on United States-Japan cooperation and competition in the 1990s and into the 21st century. *3 credits*

ASIA 2116 China and the United States

Survey of relations between China and the United States during the 20th century, particularly from the Cold War period on. Emphasis on current issues in U.S.-China relations. Topics covered include: U.S. relations with the Chinese Nationalist and Communist governments; Sino-American detente; diplomatic normalization of the Sino-American relationship; relations with Taiwan and Hong Kong; trade and human rights issues; the impact of Tiananmen on America's relations with China; and new challenges of the 21st century. *3 credits*

ASIA 3101 (RELS 1403) History of Asian Religious Reflections

Origin and development of religious speculations in India from the Vedic period to Shankara; in China from Confucius to Chu Hsi; in Japan from the Nara to the Meiji periods. *3 credits*

ASIA 3102 (HIST 1601) History of Traditional Asia

A survey of the historical development of the major Asian civilizations (ancient Near East, India, China, Japan, Korea), primarily pre-modern. *3 credits*

ASIA 3103 (HIST 1602) History of Modern Asia

Asian history and culture from the 19th century to the present. *3 credits*

ASIA 3113 Eastern Mysticism

Compares the Western model of "spiritual journey," the intuitive approach of the Upanishads, the devotional orientation of the Bhagavad-Gita, and the Yogic path of spiritual transformation. The early Buddhist notion of "nirvana" and subsequent Zen emphases. The Chinese search for "Tao" and "li." *3 credits*

ASIA 3114 (POLS 2611) Asian Politics

Political systems and behavior in modern Japan, China, India, and Southeast Asia. *3 credits*

ASIA 3115 Asian Social Life

Asian social institutions and customs, ethnic relations, and family life. *3 credits*

ASIA 3119 The Holy Books of India

Vedas, Upanishads, Ramayana, Yoga-Sutras, and the Vedanta Sutra of the Hindu tradition. Selections from the Pali canon of the Buddhist tradition. *3 credits*

ASIA 3127 (HIST 2621) History of Traditional China

From the origins to A.D. 1800. Political, social and intellectual characteristics of Chinese civilization. *3 credits*

ASIA 3128 (HIST 2651) History of Modern China

Transformation and continuity in China since 1800. Includes the causes and implications of Qing Dynasty encounters with foreign powers, internal rebellions, dynastic collapse, tumult of the Republican period, war against Japan, civil war between the Nationalists and Communists, communist rule and contemporary reforms and ongoing one-party control of power. *3 credits*

ASIA 3129 (HIST 2622) History of Traditional Japan

Origins to A.D. 1800. Periods of aristocratic and military dominance, the "Christian century," and the isolation of Japan in the Tokugawa period. *3 credits*

ASIA 3130 (HIST 2652) History of Modern Japan

1800 to the present. rapid Meiji modernization, assertive militarism, World War II defeat, astounding economic revival, and present-day global influences and political and economic challenges. *3 credits*

ASIA 3131 (POLS 2616) Contemporary Chinese Politics

The main theme of this course is political development on mainland China in terms of Chinese leaders' effort to build a new nation. The course starts with a survey of modern Chinese history, with its emphasis on the power struggle between the Chinese Nationalists and Communists before 1949. The rest of the course deals with major aspects of organization and mobilization of Chinese people by the Chinese Communist Party, as well as power politics and political movements. *3 credits*

ASIA 3132 (HIST 2686) Contemporary Japan

Postwar reform and reconstruction of Japan during the MacArthur era; reasons for Japan's rapid economic development in the 1950s and 1960s; political, trade, and economic development in the 1970s and 1980s; the economic stagnation of the 1990s; issues and questions about democracy in Japan since World War II; challenges Japan faces in its relations with other nations; questions of remilitarization; Japan's struggle to be competitive; and Japan's balancing role in the Asia Pacific Region. *3 credits*

ASIA 3133 Contemporary China

With a population of some 1.3 billion, China's open-door policy, begun in the late 1970s, has produced significant and far-reaching changes in its society and economy. This course focuses on contemporary transformations of the world's largest Communist country: changes in social values and structure; lifestyle; people's attitudes; foreign investments; special economic zones; economic transactions; and the emergence of private enterprises. Lecture supplemented by video, Internet, and CD-ROM resources. *3 credits*

ASIA 3134 China and Japan: Diplomacy, Politics, and Economy

A survey of Chinese-Japanese political, economic, and cultural relations and comparison of the Chinese and Japanese political systems. Special attention to economic and political developments in contemporary China and Japan, and to major issues and problems in China-Japan political and economic relations during the 1990s and into the 21st century. *3 credits*

ASIA 3143 Methods of Teaching Chinese and Japanese

Trends in methodology; basic theories concerning language and its teaching. Aims to develop skills and special techniques necessary for good teaching and use of a language laboratory. *3 credits*

ASIA 3148 Contemporary Social Problems in the Asian Community and Asian Bilingual Children

Contemporary socioeconomic problems affecting the socialization and biculturalization of the Asian bilingual/bicultural children. Conducted bilingually. *3 credits*

ASIA 3211 (BMGT 4993) Foreign Business Operations

The special circumstances under which an American firm operates abroad: social customs, political environment, and linguistic and cultural problems. Economic, financial, legal and management issues peculiar to foreign operations. Problems in foreign exchange, international finance, marketing and human resources management. The management of foreign investments, joint ventures and foreign subsidiaries. Technology transfer, foreign trade operations and the protection of intellectual property abroad. International economic policy and international corporate financial management. *3 credits*

ASIA 3214 International Business and Trade

Introduction to international business with emphasis on international trade. The world business environment and the economic, financial, political and cultural factors affecting foreign trade will be discussed. Special attention is given to marketing opportunities in the Far East and U.S. trade with Asia. Both theory and practical applications of foreign trade problems and practices are covered. *3 credits*

ASIA 3894 Asian Studies Co-op I

3 credits

ASIA 3895 Asian Studies Co-op II

3 credits

ASIA 3896 Asian Studies Co-op III

3 credits

ASIA 5190-5199 Directed Studies

Selected readings in each student's field of concentration under the direction of a faculty member on an individual basis. Also included are some courses in language and new course offerings. Please request a listing from the department. Credits are based on each semester. *3 semester credits each*

Chinese**CHIN 1102-1103 Introductory Chinese I - II**

Mastery of the basic skills of modern spoken Mandarin Chinese: Pinyin Romanization, pronunciation, basic sentence patterns and vocabulary. Stress on listening comprehension and the ability to communicate in everyday situations. *3 credits*

CHIN 1104-1105 Introductory Chinese Reading I-II

Mastery of the 600 most commonly used characters and the vocabulary arising from their combinations. Study of simple colloquial texts as a supplement to the basic sentence patterns of spoken Chinese. Pre- or corequisites: CHIN 1102-1103. *3 credits each*

CHIN 1106-1107 Introductory Interactive Chinese I-II

A laboratory course designed to supplement CHIN 1104-1105 that focuses on reinforcing development of the four skills through multifaceted interactive programs on the computer. Corequisites: CHIN 1104-1105. *1 credit each*

CHIN 2101-2102 Intermediate Chinese I-II

Attainment of the ability to communicate in a variety of social situations. Vocabulary building and mastery of more complex sentence patterns of modern spoken Mandarin through classroom practice and drills. Prerequisites: CHIN 1102-1103. *3 credits each*

CHIN 2103-2104 Intermediate Chinese Reading I-II

Mastery of 600 additional Chinese characters and their combinations. Reading of texts in colloquial Chinese, as reinforcement to grammar and syntax. Pre- or corequisites: CHIN 2101-2102. *3 credits each*

CHIN 2106-2107 Intermediate Interactive Chinese I-II

A laboratory course designed to supplement CHIN 2103-2104 that focuses on reinforcing development of the four skills through multifaceted interactive programs on the computer. Prerequisites: CHIN 1106 and Corequisites: CHIN 2103-2104. *1 credit each*

CHIN 3101-3102 Advanced I-II

Continuation of the listening, speaking, reading, writing skills development in Chinese. Emphasis on reading advanced written materials in modern Chinese, with practice leading to a high level of oral expression. Prerequisites: CHIN 2102 and 2104. *6 credits*

CHIN 3211-3212 Readings in Classical Chinese I-II

Introduction to classical Chinese through selected readings, with emphasis on classical grammar and syntax. Prerequisite: CHIN 3102. *3 credits each*

CHIN 3213-3214 Readings in Modern Chinese I-II

Selected readings in modern Chinese materials in the social sciences and humanities. Prerequisite: CHIN 3102. *3 credits each*

CHIN 3215-3216 Chinese Newspaper Readings I-II

Introduction to journalistic writings, including materials selected from newspapers and magazines. Prerequisite: CHIN 2112 or 2102. *3 credits each*

Filipino**FILI 1011-1012 Introductory Filipino I-II**

Mastery of the basic features of Filipino and development of the four skills (comprehension, speaking, reading and writing) through classroom practice and drills, reinforced with audiovisual materials and exercises. Special emphasis is placed on mastering the sound system of Filipino. *3 credits each*

FILI 2011-2012 Intermediate Filipino I-II

Develops further the speaking and reading skills learned in Introductory Filipino I and II. The courses focus on standard Filipino grammar and the construction of complex sentences. Readings from periodicals on Philippine culture serve as the springboard for instruction. Prerequisite: FILI 1012. *3 credits each*

Japanese**JAPN 1012-1013 Elementary Interactive Japanese I-II**

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in JAPN 1102-1103. Taken simultaneously with JAPN 1102-1103. *1 credit each*

JAPN 1101 Intensive Introductory Japanese

Intensive study of modern Japanese. Accelerated course developing the proficiency-oriented linguistic skills of listening, speaking, reading, and writing (Hiragana, Katakana and Kanji) mainly through computer-aided learning methods. *6 credits*

JAPN 1102-1103 Introductory Japanese I-II

Modern Japanese. Mastery of the basic proficiency-oriented linguistic skills of listening, speaking, reading, and writing (Hiragana, Katakana and Kanji) mainly through computer-aided learning methods. *3 credits each*

JAPN 2012-2013 Intermediate Interactive Japanese I-II

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in JAPN 2101-2102. Taken simultaneously with JAPN 2101-2102. *1 credit each*

JAPN 2101-2102 Intermediate Japanese I - II

Review of the essentials of grammar and vocabulary. More advanced study, with emphasis on listening, speaking, reading, and writing. Prerequisite for JAPN 2101: JAPN 1103. Prerequisite for JAPN 2102: JAPN 2101. *3 credits*

JAPN 2111 Intensive Intermediate Japanese

More advanced study, with emphasis on speaking, vocabulary building, reading and grammar. Prerequisite: JAPN 1101. *6 credits*

JAPN 3111-3112 Third Level Japanese I - II

Continuation of the four skills development in Japanese. Emphasis on reading. Prerequisites for JAPN 3111: JAPN

2111 or 2102. Prerequisite for JAPN 3112: JAPN 3111. *3 credits each*

JAPN 3113-3114 Introduction to Readings in Japanese I-II

Intermediate level readings. Emphasis on modern Japanese in the various disciplines. Prerequisite: JAPN 2111 or JAPN 2102. *3 credits each*

JAPN 3211-3212 Business Japanese I-II

Emphasis on conversation and reading in business-related materials. Includes basic business correspondence. (For students who have reached the third-year level in Japanese language.) Prerequisite: JAPN 2111 or JAPN 2102. *3 credits each*

Department of Biology

McNulty Hall

(973) 761-9044

artsci.shu.edu/biology

Faculty: Ahmad; Bentivegna (*Chair*), Blake; Chang; Glenn; Ko; Krause; Moldow; Pumfery; Rawn (*Director of Graduate Studies*); Zhou

Faculty Associate: Ruscigno

Faculty Emeriti: DeProspero; Hsu; Katz; Kramer; Orsi

The Department of Biology offers programs of study leading to the following degrees: Bachelor of Arts, Bachelor of Science, Master of Science in Biology, Master of Science in Biology with a Business Administration track, Master of Science in Microbiology, and Doctor of Philosophy in Molecular Bioscience. The Department of Biology also offers three dual degree programs: Physical Therapy (B.S./D.P.T.), Physician Assistant (B.S./M.S.P.A.), and Athletic Training (B.S./M.S.A.T.).

At the undergraduate level, the Department of Biology also offers two interdisciplinary minor programs in environmental studies and environmental sciences that are listed under Interdisciplinary Minor Programs section of the catalogue.

Honors Program

The Biology Honors Program offers the opportunity for students to work closely with faculty members on sustained research projects, leading to the presentation of their work at scientific forums and published papers. The Biology Honors Program is open to students with a minimum GPA of 3.0 in science courses. Students must complete at least 8 credits of biology research under the direction of a faculty member (2181, 3191, 3192, 3193, 3194*, 4186) and present their work at two scientific forums. From these credits in the Honors Program, 4 may be applied as biology electives in completing the 14 elective credits needed for the major, the remaining 4-6 credits will be counted as general electives. Honors students also will receive training in the responsible conduct of research and are encouraged to continue their research over the summer. *optional

Advanced Placement

Students with a score of 3 or higher in the Biology Advanced Placement Exam may waive the natural science requirement of the arts and sciences core curriculum. The credits are assigned to BIOL 1101 or BIOL 1111. These two courses are not part of the requirements for biology majors.

Major Program

The undergraduate major in biology provides a strong background in the biological sciences in preparation for careers in any area of biology, medicine, dentistry and related professions. It is sufficiently flexible and open to ensure the scheduling of arts and humanities courses for a broad cultural education. Through elective courses, the program gives students the opportunity to become familiar with different specialized areas of biology and to engage in independent library or laboratory research.

Each student in the major is assigned a faculty member who serves as adviser throughout the student's undergraduate years. The adviser provides continuity of information and guidance to help plan the student's academic program, evaluate progress, and explore career goals. While all students are required to schedule certain courses (see departmental requirements), each student selects courses and develops a specific program in consultation with the academic adviser.

Successful completion of the New Jersey Basic Skills Computation and Algebra tests, or equivalent tests administered by the Seton Hall University mathematics department, is prerequisite to all courses listed.

Bachelor of Science (B.S.) Degree

The Bachelor of Science degree (B.S.) is intended for those students interested in pursuing careers in science and considering application to graduate programs in science or medicine. In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates for the Bachelor of Science in Biology must complete a minimum of 65 credits in biology, chemistry, mathematics and physics.

B.S. Degree Requirements Credits

The following courses must be completed:

BIOL 1201-1202	General Biology Organism/Cell	8
BIOL 2211	Genetics	4
BIOL 2229	Cell Biology	4
BIOL 4199	Senior Biology Seminar	3
BIOL xxxx	Elective courses in Biology	14
CHEM 1103-1104	General Chemistry I-II	8
CHEM 2311-2312	Organic Chemistry I-II	8
MATH 1401	Calculus I	4
and		
MATH 1411	Calculus II	4
or		
MATH 2111	Statistics for Science Majors	4
PHYS 1701-1702	General Physics I-II	6
PHYS 1811-1812	Physics Laboratory I-II	2

A Model 4-Year Plan for the B.S. in Biology

First Year

		Credits
Fall Semester		
BIOL 1201	General Biology/Organism	4
CHEM 1103	General Chemistry I	4
ENGL 1201	College English I	3
MATH 1015	Pre-Calculus Mathematic Algebra and Trigonometry	4
or		
MATH 1401	Calculus I	4
CPSY1101	University Life	1

Spring Semester

BIOL 1202	General Biology/Cell	4
CHEM 1104	General Chemistry II	4
ENGL 1202	College English II	3
MATH 1411	Calculus II	4
or		
MATH 2111	Statistics for Science Majors	4

Second Year

Fall Semester		
BIOL 2211	Genetics	4
CHEM 2311	Organic Chemistry I	4
Core		3
Core		3
Core		3

Spring Semester

BIOL 2229	Cell Biology	4
CHEM 2312	Organic Chemistry II	4
Core		3
Core		3
Core		3

Third Year**Fall Semester**

PHYS 1701	General Physics I	3
PHYS 1811	Physics Laboratory I	1
BIOL xxxx	Biology Elective	3-4
Core		3
Core		3
General Elective		3

Spring Semester

PHYS 1702	General Physics II	3
PHYS 1812	General Physics Lab II	1
BIOL xxxx	Biology Elective	3-4
Core		3
Core		3
General Elective		3

Fourth Year**Fall Semester**

BIOL 4199**	Biology Senior Seminar	0-3
BIOL xxxx	Biology Elective	3-4
or		
Any graduate level biology course*		
Core		3
General Electives		6-9

Spring Semester

BIOL 4199**	Biology Senior Seminar	0-3
BIOL xxxx	Biology Elective	3-4
or		
Any graduate level biology course*		
Core		3
General Electives		6-9

* See Graduate Catalogue for course listings.

** Seniors will take Biology Senior Seminar in the Fall if they expect to graduate in December. Approval from academic adviser and departmental chair is required.

Bachelor of Arts (B.A.) Degree

The B.A. in Biology is a major program that provides a solid foundation in laboratory-based life science for students who are interested in integrating their study of biology with other related areas including law, ethics, psychology, history, computer science, writing or journalism. The program is of interest to students majoring in education, for students interested in science writing, and for general understanding of this area of study, that is increasingly important for informed citizenship, intelligent parenting, and life-long learning.

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates for the Bachelor of Arts in Biology must complete a minimum of 31 credits in biology, chemistry, and mathematics as well as 15 credits from the elective course list for a total of 46 credits. At least two elective courses must be in Biology, and no more than 4 credits of Biology electives may be in research, independent study or Co-op courses.

B.A. Degree Requirements**Credits**

The following courses must be completed:

BIOL 1201-1202	General Biology Organism/Cell	8
BIOL 2211	Genetics	4
BIOL 2341	Ecology	4
BIOL 4199	Senior Biology Seminar	3
CHEM 1103-1104	General Chemistry I-II	8
MATH 1401	Calculus I	4

Select 15 credits from the following:

ANTH 1201	Introduction to Physical Anthropology	3
BIOL xxxx	Biology Elective above 2000 level (note some have pre-requisites)	6-8
CHEM 2311-2312	Organic Chemistry	4-8
ENGL 3513	Scientific and Technical Writing	3
CLAS 1314	Scientific Terminology	3
CSAS 1015	Computer Science Essentials	3
CSAS 1113	Computer Science for Science Majors	3
MATH 1411	Calculus II	4
MATH 2111	Statistics for Science Majors	4
PHIL 2700	Philosophy of Science	3
PHYS 1701-1702	General Physics	3-6
PHYS 1811-1812	Physics Laboratory I/II	1-2
PSYC 1101	Introduction to Psychology	3
PSYC xxxx	Psychology courses by advisement	
SOCI 2214	Illness and Wellness	3
or		
ANTH 2224	Health and Medicine: An Anthropological Approach	3

A Model 4-Year Plan for the B.A. in Biology**First Year****Fall Semester**

		Credits
BIOL 1201	General Biology/Organism	4
CHEM 1103	General Chemistry I	4
ENGL 1201	College English I	3
MATH 1015	Pre-Calculus Mathematic Algebra and Trigonometry	4
or		
MATH 1401	Calculus I	4
CPSY1101	University Life	1

Spring Semester

BIOL 1202	General Biology/Cell	4
CHEM 1104	General Chemistry II	4
ENGL 1202	College English II	3
MATH 1401	Calculus I	4
or		
Core		3
COST 1600	Oral Communication	3

Second Year**Fall Semester**

BIOL 2211	Genetics	4
Major Elective		3-4
Core		3
Core		3
General Elective		3

Spring Semester

Major Elective		4
Major Elective		3-4
Core		3
Core		3
General Elective		3

Third Year**Fall Semester**

BIOL 2341	Ecology	4
Major Elective		3-4
Core		3
Core		3
General Elective		3

Spring Semester

Major Elective		3-4
Core		3
Core		3
General Electives		6

Fourth Year**Fall Semester**

BIOL 4199**	Biology Senior Seminar	0-3
Core		3
Core/General Elective		3
General Electives		9-11

Spring Semester

BIOL 4199**	Biology Senior Seminar	0-3
Core		3
Core/General Elective		3
General Electives		9-11

*** Seniors will take Biology Senior Seminar in the Fall if they expect to graduate in December. Approval from academic advisor and departmental chair is required.*

BIOL 1201, 1202, and 2211 are prerequisites for all biology major elective courses. Individual courses may have additional prerequisites as shown in the course descriptions. Students must check with biology department advisers to make sure courses are acceptable before registering.

Student academic records will be reviewed each year. To continue as a biology major after earning 30 or more credits, a student must have earned a minimum 2.0 GPA in the departmental requirements (biology, chemistry, math, and physics courses). Students whose GPA is less than 2.0 will be counseled about an alternate major. Students may continue to take biology courses for which they have satisfied the prerequisites, and may request reinstatement in the biology major at a later time. Note that the university requires a 2.0 GPA (minimum "C" average) in the major and overall in order to graduate.

Minor Programs

Interdisciplinary minor programs are described in Environmental Sciences and Environmental Studies section of the catalogue.

Professional Programs

For information on Health Professions see the Health Professions/Pre-Medical and Pre-Dental Advisory Committee section of the catalogue.

Physical Therapy

The Department of Biology offers a 3 + 4 dual degree program leading to a Bachelor of Science in Biology and a Doctor of Physical Therapy. This seven-year program offers select students an opportunity to study in a traditional liberal arts environment as well as in a major healthcare organization.

Physical therapists have the rewarding opportunity to make a positive difference in the quality of people's lives. Along with the patient and other healthcare practitioners, the physical therapist shares the hard work and commitment needed to accomplish each individual patient's goals.

For people with health problems resulting from an injury or disease, the physical therapist assists in the recovery process making them stronger, relieving their pain and helping them to regain use of an affected limb, or relearn such daily living activities as walking and dressing.

Another role of the physical therapist is keeping people well and safe from injury. Physical therapists do this by teaching people the importance of fitness and showing them how to avoid hurting their bodies at work or play. By designing and supervising individualized conditioning programs, physical therapists promote optimal physical performance. Physical therapy practice is centered on patient care and may include education, research and administrative activities.

Admission Criteria

Admission to the program is open to applicants who have successfully completed a high school college preparatory curriculum, including courses in social sciences, biology, mathematics, physics, English, a foreign language and chemistry. The Scholastic Assessment Test (SAT) scores are required of all applicants. International students must submit Test of English as a Foreign Language (TOEFL) scores.

Applicants are required to volunteer or work under the supervision of a physical therapist in a local hospital or other healthcare setting to strengthen interpersonal skills as well as to develop an understanding of the needs and capabilities of patients and the role of physical therapists.

The combined B.S./Doctor of Physical Therapy program is unique because it accepts students for enrollment in the entire program. Students who maintain the required GPA as undergraduates are guaranteed admission into the final four years of the professional studies. Due to a limit on the number of physical therapy students in each entering freshman class, admission into the program is extremely selective.

Program Requirements

Students who maintain an acceptable cumulative and science GPA in the prerequisite courses (A&P I and II, Chemistry I and II, Physics I and II, English I, Oral Communication, Calculus I, Psychology with no grades less than "C" in prerequisite courses) during each academic semester, and complete the course requirements within the Department of Biology, will enter the professional phase of the program after their junior year. Prior to admission into the fourth year, students must complete 50 hours of volunteer work under the supervision of a physical therapist. This volunteer experience will allow students to strengthen interpersonal skills and to develop an understanding of the needs and capabilities of patients and the role of physical therapists. The volunteer work can be satisfied at any time prior to admission into the fourth year.

First Year

Fall Semester		Credits
BIOL 1201	General Biology/Organism	4
CHEM 1103	General Chemistry I	4
ENGL 1201	College English I	3
MATH 1401	Calculus I	4
CPSY1101	University Life	1

Spring Semester

BIOL 1202	General Biology/Cell	4
CHEM 1104	General Chemistry II	4
ENGL 1202	College English II	3
MATH 1411	Calculus II	4
or		
MATH 2111	Statistics for Science Majors	4

Second Year

Fall Semester		
BIOL 2211	Genetics	4
CHEM 2311	Organic Chemistry I	4
PSYC 1101	Introduction to Psychology	3
	Third World Civilization (E.3)*	3
	Language (E.2)*	3

Spring Semester

BIOL 2229	Cell Biology	4
CHEM 2312	Organic Chemistry II	4
	American/Third World Civilization (E.3)*	3
	Language (E.2)*	3
	Philosophy (G)*	3

Summer Semester

	Behavioral Science (D.2)*	3
	Ethical Questions (F)*	3

Third Year**Fall Semester**

BIOL 3338	Human Anatomy and Physiology I	4
PHYS 1701-1811	General Physics I/Physics Laboratory I	4
Biology elective - not Physiology		4
Religion (G)*		3
Western Civilization (E.1)*		3

Spring Semester

BIOL 3339	Human Anatomy and Physiology II	4
COST 1600	Oral Communication	3
PHYS 1702-1812	General Physics II/Physics Laboratory II	4
	Philosophy or Religion (G)*	3
	Western Civilization (E.1)*	3

* Consult the College of Arts and Sciences core curriculum for information regarding these courses.

Fourth Year**Fall Semester**

PTFY 4123	Physical Therapy Roles in Health Care	2
GMED 4001	Functional Human Anatomy	3
GMED 4108	Motor Control Principals	2
GMED 4101	Human Physiology	3
GDPT 4432	Life Span I: Birth to Maturity	2
GMED 4009	Surface Anatomy and Palpation	1

Spring Semester

GMED 4012	Kinesiology	3
GMED 4013	Therapeutic Modalities	3
GMED 4022	Basic Rehabilitation Procedures	3
GMED 4102	Neuroscience	3

May Session

GDPT 6311	Embryology and Genetics	2
GDPT 6321	Psycho-Social Concepts in Health Care	2

Fifth Year**Fall Semester**

GDPT 6534	Clinical Integration Seminar I	1
GDPT 6659	Clinical Practicum I	1
GMED 6007	Research Methods	3
GMED 6016	Orthopedic Clinical Medicine	2
GMED 6017	Clinical Imaging	2
GMED 6018	Therapeutic Exercise	3
GMED 6019	Management of Musculoskeletal Problems: Extremities	3
GMED 6109	Internal Clinical Medicine	2

Spring Semester

GDPT 6433	Orthotics and Prosthetics/Functional Assistance	2
GDPT 6531	Life Span II: Maturity and Aging	2
GDPT 6551	Research Project I	2
GDPT 6660	Clinical Practicum II	1
GDPT 7134	Clinical Integration Seminar II	1
GMED 6014	Exercise Physiology and Nutrition	4
GMED 6015	Pharmacology	2
GMED 6020	Management of Musculoskeletal Problems: Spine	3
GMED 6021	Exercise Pharmacology	1

May Session

GDPT 6661	Clinical Internship I (6 weeks)	2
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Sixth Year**Fall Semester**

GDPT 7564	Service Learning Seminar	1
GDPT 7131	Management of Neuromuscular Problems	5
GDPT 7562	Clinical Integration Seminar III	1
GDPT 7141	Neurological Clinical Medicine	2
GDPT 7151	Research Project II	2
GDPT 7359	Clinical Practicum III	1
GMED 6004	Biomedical Ethics	2

Spring Semester

GDPT 6122	Principals of Teaching and Learning	2
GDPT 7232	Management of Geriatric Problems	2
GDPT 7231	Management of Pediatric Problems	4
GDPT 7233	Management of Cardiopulmonary Problems	2
GDPT 7251	Research Project III	2
GDPT 7142	Cardiopulmonary Clinical Medicine	2
GDPT 7360	Clinical Practicum IV	1
GDPT 7563	Clinical Integration Seminar (IV)	1
GDPT 7362	Management of Special Problems	2

May Session

GDPT 7361	Clinical Internship II (6 weeks)	2
GDPT 7365	Medical Screening for Physical Therapist	2

Seventh Year**Fall Semester**

GDPT 7421	Healthcare Organization and Administration (3 weeks)	3
GDPT 7461	Clinical Internship III (12 weeks)	6

Spring Semester

GDPT 7521	Curriculum Integration Seminar (3 weeks)	3
GDPT 7561	Clinical Internship IV (12 weeks)	6

Physician Assistant

The Department of Biology offers a dual degree program leading to a Bachelor of Science in Biology and a Master of Science in Physician Assistant. This six-year program offers the opportunity to study in a traditional liberal arts environment as well as in a major healthcare organization.

The Bachelor of Science in Biology is awarded at the completion of four years of work and the Master of Science in Physician Assistant is awarded at the completion of the sixth year of study.

Physician assistants (PAs) are health care professionals licensed to practice medicine with physician supervision. As part of their comprehensive responsibilities, PAs conduct physical exams, diagnose and treat illnesses, order and interpret tests, counsel on preventive health care, assist in surgery, and in virtually all states can write prescriptions. Within the physician-PA relationship, physician assistants exercise autonomy in medical decision making and provide a broad range of diagnostic and therapeutic services. A PA's practice may also include education, research, and administrative services. Physician assistants are found in all areas of medicine. They practice in the areas of primary care medicine (family medicine, internal medicine, pediatrics, and obstetrics and gynecology) as well as in surgery and the surgical subspecialties.

Admission Criteria

Admission to the program is open to applicants who successfully completed a high school college preparatory curriculum, including courses in the social sciences, biology, mathematics, physics, English, a foreign language and chemistry. The Scholastic Assessment Test (SAT) scores are required of all applicants. International students must submit Test of English as a Foreign Language (TOEFL) scores.

Applicants are encouraged to volunteer or work in a local hospital or other healthcare setting to strengthen interpersonal skills and to develop an understanding of the needs and capabilities of patients and the role of physician assistants.

The combined B.S./M.S. PA program is unique because it accepts students for enrollment in the entire program. Students who maintain the required GPA as an undergraduate are guaranteed admission into the final three years of professional studies. Due to a limit on the number of PA students in each entering freshman class, admission into the program is extremely selective.

Program Requirements

PA students who maintain the required GPA of 3.0 overall and 3.0 in selected courses (Anatomy and Physiology I and II, Microbiology, Chemistry I and II, Calculus I, Biology I and Psychology - with no grade less than "C" in prerequisite courses) during each academic semester and complete the course requirements within the Department of Biology will enter the professional phase of the program after their junior year. Prior to admission into the fourth year, students must complete 100 hours of volunteer work under the supervision of a clinician in at least one healthcare setting to strengthen interpersonal skills, and to develop an understanding of the needs and capabilities of patients and the role of physician assistants. The volunteer work can be satisfied at any time prior to admission into the fourth year.

First Year

Fall Semester		Credits
BIOL 1201	General Biology/Organism	4
CHEM 1103	General Chemistry I	4
ENGL 1201	College English I	3
MATH 1401	Calculus I	4
CPSY1101	University Life	1

Spring Semester

BIOL 1202	General Biology/Cell	4
CHEM 1104	General Chemistry II	4
ENGL 1202	College English II	3
MATH 1411	Calculus II	4
or		
MATH 2111	Statistics for Science Majors	4

Second Year**Fall Semester**

BIOL 2211	Genetics	4
CHEM 2311	Organic Chemistry I	4
PSYC 1101	Introduction to Psychology	3
	Third World Civilization (E.3)*	3
	Language (E.2)*	3

Spring Semester

BIOL 2229	Cell Biology	4
CHEM 2312	Organic Chemistry II	4
	American/Third World	
	Civilization (E.3)*	3
	Language (E.2)*	3
	Philosophy (G.)*	3

Summer Semester

	Behavioral Science (D.2)*	3
	Ethical Questions (F)*	3

Third Year**Fall Semester**

BIOL 3338	Human Anatomy and Physiology I	4
BIOL 3411	Microbiology	4
PHYS 1701-1811	General Physics I/Physics Laboratory I	4
	Religion (G)*	3
	Western Civilization (E.1)*	3

Spring Semester

BIOL 3339	Human Anatomy and Physiology II	4
COST 1600	Oral Communication	3
PHYS 1702-1812	General Physics II/Physics Laboratory II	4
	Philosophy or Religion (G)*	3
	Western Civilization (E.1)*	3

*Consult the College of Arts and Sciences core curriculum for information regarding these courses.

Fourth Year**Fall Semester**

PAFY 4001	Human Anatomy	4
GMPA 6111	Human Physiology	3
PAFY 4108	Health Maintenance Education	2
PAFY 4104	Psychiatry	2
PAFY 4203	Introduction to Clinical Medicine I	4

Spring Semester

GMED 4102	Neuroscience	3
PAFY 4107	Pathophysiology	3
PAFY 4109	Pharmacology	2
PAFY 4110	Clinical Therapeutics	2
PAFY 4204	Clinical and Diagnostic Methods	4
PAFY 4205	Introduction to Clinical Medicine II	4

Fifth Year**Fall Semester**

GMPA 6102	Principles of Epidemiology	3
GMPA 6201	Physiology Correlates	1
GMPA 7301	Fundamentals of Clinical Medicine	5
GMPA 7304	Nutrition	2
GMPA 7402	Clinical I	5

Spring Semester

GMPA 7303	Biomedical Ethics	3
GMPA 7402	Clinical II	15

Sixth Year**Fall Semester**

GMPA 8508	Research Methods /Biostatistics	4
GMPA 8507	Internship I	10

Spring Semester

GMPA 8509	Research Methods II	1
GMPA 8603	Healthcare Policy	2
GMPA 8602	Internship II	12

Athletic Training

The Department of Biology and the School of Graduate Medical Education offer a dual degree program leading to a Bachelor of Science in Biology (B.S.) and a Master of Science in Athletic Training (M.S.A.T.). This six-year program offers students the opportunity to study in a traditional liberal arts environment as well as in a major healthcare organization.

Athletic trainers, with the supervision of attending and/or consulting physicians, play an integral role in sports health care. The American Medical Association (AMA) recognizes athletic training as an allied health profession. Through extensive preparation in both academic and practical experience, the athletic trainer provides athletes with services and education for injury prevention, evaluation of athletic trauma, immediate care and rehabilitation. The athletic trainer is a specialized professional of the sports medicine team who may work in a variety of settings, including secondary schools, colleges and universities, sports medicine clinics, professional sports programs and industrial settings.

The Master of Science in Athletic Training (M.S.A.T.) is intended to prepare graduates to critically analyze and convey information to patients, colleagues, and other health professionals. These clinicians will be able to provide a broad range of patient care services, as well as perform research and administrative responsibilities. The mission of the M.S.A.T. program is to prepare clinicians to provide athletes or physically active individuals with the highest quality of care in the areas of prevention, evaluation, treatment and rehabilitation.

The professional phase of the M.S.A.T. program includes academic courses and clinical practica in athletic training. Students will develop the knowledge and skills they need to perform as entry-level practitioners, and grow and adapt to the rapid changes in the profession and the healthcare delivery system. Upon completion of this M.S.A.T. program, students will be thoroughly prepared for the National Athletic Trainers' Association Board of Certification Examination.

Admission Criteria

Admission to the program is open to applicants who successfully completed a high school college preparatory curriculum including courses in the social sciences, biology, mathematics, physics, English, a foreign language and chemistry. The Scholastic Assessment Test (SAT) scores are required of all applicants. International students must submit Test of English as a Foreign Language (TOEFL) scores.

Applicants are encouraged to volunteer or work with a Certified Athletic Trainer (ATC) in their high school, local sports medicine clinic, hospital or other healthcare setting. This experience will help strengthen interpersonal skills and to develop an understanding of the needs and capabilities of patients and the role of athletic trainers.

The combined B.S./M.S.A.T. program is unique because it accepts students for enrollment in the entire program. Students who maintain the required GPA as an undergraduate are guaranteed admission into the final three years of professional studies. Due to a limit on the number of athletic training students in each entering freshman class, admission into the program is extremely selective.

Program Requirements

Athletic training students who maintain an acceptable overall and science GPA in selected courses (A&P I and II, Calculus I, Biology I, Physics I, Psychology, Sociology - with no grades less than C in prerequisite courses) during each academic semester and complete the course requirements within the biology department will enter the professional phase of the program after their junior year. Prior to admission into the fourth year, students must complete 50 hours of volunteer work under the supervision of a Certified Athletic Trainer in at least one healthcare setting to strengthen interpersonal skills and to develop an understanding of the needs and capabilities of patients and the role of athletic trainer. The volunteer work can be satisfied at any time prior to admission into the fourth year.

First Year

Fall Semester		Credits
BIOL 1201	General Biology/Organism	4
CHEM 1103	General Chemistry I	4
ENGL 1201	College English I	3
MATH 1401	Calculus I	4
CPSY1101	University Life	1
Spring Semester		
BIOL 1202	General Biology/Cell	4
CHEM 1104	General Chemistry II	4
ENGL 1202	College English II	3
MATH 1411	Calculus II	4
or		
MATH 2111	Statistics for Science Majors	4

Second Year

Fall Semester

BIOL 2211	Genetics	4
CHEM 2311	Organic Chemistry I	4
PSYC 1101	Introduction to Psychology	3
	American/Third World Civilization (E.3)*	3
	Language (E.2*)	3

Spring Semester

BIOL 2229	Cell Biology	4
CHEM 2312	Organic Chemistry I	4
	American/Third World Civilization (E.3)*	3
	Language (E.2*)	3
	Philosophy (G)*	3

Summer Semester

	Behavioral Science (D.2)*	3
	Ethical Questions (F)*	3

Third Year

Fall Semester

BIOL 3338	Human Anatomy and Physiology I	4
	General Physics I/Physics Laboratory I	4
	Biology elective - not Physiology	4
	Religion (G)*	3
	Western Civilization (E.1)*	3

Spring Semester

BIOL 3339	Human Anatomy and Physiology II	4
COST 1600	Oral Communication	3
PHYS 1702-1812	General Physics II/Physics Laboratory	4
	Philosophy or Religion (G)*	3
	Western Civilization (E.1)*	3

* Consult the College of Arts and Sciences core curriculum for information regarding these courses.

Fourth Year

Fall Semester

GMED 4001	Functional Human Anatomy	3
GMED 4004	Biomedical Ethics	2
GMED 4009	Surface Anatomy and Palpation	1
GMED 4101	Human Physiology	3
ATFY 4005	First Aid and Emergency Response	2
ATFY 4010	Athletic Training Principles I	3

Spring Semester

GMED 4012	Kinesiology	3
GMED 4013	Therapeutic Modalities	3
GMED 4022	Basic Rehabilitation Procedures	3
ATFY 4011	Athletic Training Principles II	3

Fifth Year

Fall Semester

GMED 6007	Research Methods	3
GMED 6018	Therapeutic Exercise	3
GMED 6019	Evaluation & Management of Musculoskeletal Problems: Extremities	2
GMED 6108	Motor Control Principles	2
GMAT 6104	Practicum in Athletic Training I	2
GMED 6109	Internal Clinical Medicine	3

Spring Semester

GMED 6014	Exercise Physiology and Nutrition	4
GMED 6020	Evaluation & Management of Musculoskeletal Problems: Spine	3
GMAT 6113	Sports Psychology	2
GMAT 7007	Research Project I	1
GMAT 6114	Practicum in Athletic Training II	2

Sixth Year

Fall Semester

GMED 6016	Orthopedic Clinical Medicine	2
GMED 6017	Clinical Imaging	2
GMAT 6116	Health Care Administration	2
GMAT 7107	Research Project II	1
GMAT 7002	Practicum in Athletic Training III	2
GMAT 6115	General Medical Conditions	2

Spring Semester

GMED 6015	Pharmacology	2
GMED 6021	Exercise Pharmacology	1
GMAT 6015	Emergency Medical Technician	4
GMAT 7308	Practicum in Athletic Training IV	2
GMAT 7207	Research Project III	1

For course descriptions, refer to the Graduate Medical Education section of the catalogue.



Course Descriptions

Equivalent courses taken elsewhere may be accepted as prerequisites. Students should check with advisers to make sure courses are acceptable before registering.

BIOL 1201, 1202, and 2211 are prerequisites for all biology major elective courses. Individual courses may have additional prerequisites as shown in the following course descriptions. Students must check with biology department advisers to make sure courses are acceptable before registering.

From the combined course groups of Biology Honors, Independent Study and Biology Research a maximum of 4 credits may be counted toward biology major credits for the B.S. and B.A. degrees. Any additional credits earned in those three course groups count as general electives.

Core waivers are granted for incoming students who transfer with an associate degree in biology. This holds true for BIOL, BIOT, BIOP and BIOZ students.

BIOL 1101 Introduction to Biology

Introduction to concepts that contribute to understanding the distinctive nature and characteristics of life, its cellular, physical and chemical bases. Emphasis on the function of tissues, organs and systems of the human body. Three-hour lecture per week. (For students not majoring in the sciences). *3 credits*

BIOL 1102-1103 Human Anatomy and Physiology I-II

Introduction to the function of organ systems and their integration by the nervous and endocrine systems. Elements of structure as a basis for understanding function. Emphasis on the mechanisms of regulation of body processes that maintain life in the face of environmental change. Three-hour lecture, three-hour laboratory per week. Not for Biology majors. BIOL 1102 is the prerequisite for BIOL 1103. Students must earn a "C" or higher in BIOL 1102 to continue to BIOL 1103. *4 credits each*

BIOL 1105-1106 Human Structure and Function I-II

Biology of *Homo sapiens*, including discussions of human evolution, ecology, genetics and development; mammalian cellular, tissue, and organ structure and function; mammalian physiology emphasizing nervous and hormonal coordination necessary for homeostasis. Three-hour lecture, three-hour laboratory per week. (Primarily for psychology majors). Corequisite: MATH 1201. *4 credits each*

BIOL 1111 Introduction to Applications of Biology

A discussion of connections between the concepts and information base of biology and their applications in medicine, agriculture, ecology, genetics and other biological fields. Connections to chemistry, physics and math are shown. Students study biological foundation material from text and lectures in order to evaluate biology-related reports in newspapers, magazines and other media of public information. A free elective, for students in Intermediate Algebra who intend to take BIOL 1201/1202, and for those in Pre-Calculus who may want to strengthen their biology background before taking BIOL 1201/1202. Three-hour lecture per week. Corequisite: MATH 1014. *3 credits*

BIOL 1115-1116 Human Structure and Function I-II

Same course content as BIOL 1105-1106, but does not include lab. Three-hour lecture per week. (Primarily for psychology majors). Corequisite: MATH 1201. *3 credits each*

BIOL 1201 General Biology/Organism

Introduction to taxonomy, phylogeny, and evolution of organisms. Structure and function of bodily systems to maintain homeostasis. Three-hour lecture, three-hour laboratory per week. Corequisite or prerequisite: MATH 1015. *4 credits*

BIOL 1202 General Biology/Cell

Introduction to genetics, the cellular basis of life forms, the structures and functions of biologically important molecules. Covers cellular and molecular aspects of operation of bodily systems that are treated more descriptively in BIOL 1201 (e.g., kidney function, nerve cell function, muscle contraction, hormone action and cellular recognition in immunity). Includes microscopy, permeability, molecular modeling, enzyme studies, spectrophotometry, statistics and data analysis. Three-hour lecture and four-hour laboratory per week. Prerequisite: MATH 1015. Corequisite or prerequisite: CHEM 1103. Corequisite: MATH 1401 or 1411. *4 credits*

BIOL 2111 Introduction to Microbiology

Integrated approach to the principles of bacteriology, mycology, virology and parasitology to provide a better understanding of the problems of health and disease. Three-hour lecture, two-hour laboratory per week. (Not for science majors or pre-medical/pre-dental students) Prerequisites: BIOL 1102, CHEM 1101. *4 credits*

BIOL 2121 (ENVL 2121) Introduction to Ecology

Application of basic scientific laws, principles and concepts to environmental and resource problems. Scientific concepts such as matter and energy resources; soil, water and food resources; ecosystems, atmosphere and geologic processes; air and water pollution and pesticides will be studied. Problems such as deforestation, loss of biodiversity, global warming and ozone

loss will be examined. Three-hour lecture, four-hour laboratory per week. (Part of the Environmental Studies minor; not a biology major elective course.) Prerequisites: BIOL 1101 and CHEM 1001 or equivalent. *4 credits*

BIOL 2181 Biology Honors I

Use of library resources to search the literature of the biological sciences and compile bibliographies. Principles of scientific inquiry and development of scientific theories explored through discussion with faculty. Review of various research areas and topics for laboratory investigation. Class assignments and term papers. One hour per week. *1 credit*

BIOL 2211 Genetics

Fundamental principles of classic and molecular genetics. Simple inheritance patterns, cytogenetics, DNA replication, protein synthesis, regulatory mechanisms, genetic engineering and behavioral genetics. Problems of human genetics as related to genetic counseling and genetic engineering. Laboratory experiments illustrate principles of genetics using various organisms. Introduction to statistics and computers as applied to genetics. Three-hour lecture, four-hour laboratory per week. Prerequisites: BIOL 1201-1202. *4 credits*

BIOL 2229 Cell Biology

Study of cell morphology and cell physiology, including diversity of cell types resulting from cell specialization, the intracellular and intercellular mechanisms by which cells communicate, reproduce, and develop. Experimental approaches and methodology are emphasized, as well as the cell's fundamental importance in medicine and disease. Laboratory exercises emphasize experimental design and execution, as well as data collection, analysis and presentation. Quantitative problem solving is emphasized throughout the lecture and laboratory components. Three hours of lecture, four hours of laboratory per week. Prerequisite: BIOL 2211. *4 credits*

BIOL 2331 Histology

Study of normal cells and tissues and how they are organized to form functional organ systems in humans. Laboratory involves analysis of prepared slides as well as some of the current microscopic techniques used to study cells and tissues. Lecture and labs are offered on-line. Face-to-face meetings with instructor each week for review of lecture and lab materials. *4 credits*

BIOL 2341 Ecology

Adaptation of organisms to their environment; population dynamics; symbiosis; community and ecosystem structure and function; emphasis on role of microorganisms in biotransformation, element cycling and energy flow; experience in field techniques. Three-hour lecture, four-hour laboratory per week. Offered in alternate years. *4 credits*

BIOL 3191-3194 Biology Research I - IV

Methods of original laboratory investigation and research projects. Hours by arrangement. (Limited to juniors and seniors

selected by the faculty. Arrangements must be made and permission obtained prior to registration). *2 credits each*. A maximum of 8 credits is permitted in BIOL 3191-3196. From the combined course groups of Biology Honors, Independent Study, and Biology Research a maximum of four credits may be counted toward the 32 biology credits required in the major. Any additional credits earned in those three course groups count as free electives. *2 credits each*

BIOL 3195-3197 Independent Study in Biology

Insight into current biological research and, with direct contact with the staff affords the opportunity to examine the biological sciences as a cultural subject and a professional field. Hours are by arrangement. (Limited to students selected by the faculty. Arrangements must be made and permission obtained prior to registration.) *1 credit each*. A maximum of 8 credits is permitted in BIOL 3191-3196. From the combined course groups of Biology Honors, Independent Study, and Biology Research a maximum of four credits may be counted toward the 32 biology credits required in the major. Any additional credits earned in those three course groups count as free electives. *1 credit each*

BIOL 3212 Evolution

Population genetics; Hardy-Weinberg equilibrium; genetic variation; kinds of selection; speciation mechanism; major phylogenetic patterns; evidence for organic evolution; and modern techniques (such as biochemical, morphometric, behavioral) in population genetics and taxonomy. Three-hour lecture per week. Offered in alternate years. Prerequisite: BIOL 2211. *3 credits*

BIOL 3233 Metabolic Pathways In Living Systems

Synthesis and degradation of organic molecules in living systems, especially Man. Dietary, medical and genetic aspects of metabolism. Integration and regulation of pathways. Includes metabolic activities restricted to plants and microorganisms; representative antibiotics, toxins, drugs. Three-hour lecture per week. Prerequisite: CHEM 2312; Senior Status; 3.0 GPA. *3 credits*

BIOL 3234 Molecular Biology

Study of structure and function of macromolecules. Prokaryotic and eukaryotic genome. Introduction to bacterial and bacteriophage genetics, mutations, gene structure and function. Gene expression: genetic code, transcription, translation and the regulatory system. Discussion of replication of viruses. Genetic programming: basic concepts of biotechnology. Laboratory experiments on topics presented in lecture to illustrate the basic concepts in molecular biology. Three-hour lecture and four-hour laboratory per week. Prerequisites: CHEM 2312 and either BIOL 2221 or BIOL 3411. *4 credits*

BIOL 3241 Introduction to Immunology

Discussion of antigenicity, recognition and specificity. Development of the immune system: humoral and cell mediators.

ed responses. Cellular interactions, lymphokines and regulations. Structure and function of immunoglobulins, genetic basis of diversity, gammopathy and monoclonal antibody. Complement system, tolerance and immunosuppression. Autoimmunity and immunogenetics. Three-hour lecture and four-hour laboratory per week. Prerequisite: CHEM 2312. *4 credits*

BIOL 3321 Vertebrate Physiology

A comprehensive coverage of the physiology of cells, organs and organ systems with emphasis on the underlying biophysical and biochemical principles of function. Organ systems, including nerve, muscle, cardiovascular, respiratory and renal, are examined from the standpoint of their regulation and role in maintenance of homeostasis. Three-hour lecture, four-hour laboratory per week. Prerequisites: CHEM 2312; or permission of instructor. *4 credits*

BIOL 3323 Vertebrate Endocrinology

Role of hormones in coordinating homeostasis. Emphasis on neuroendocrinology, including functional neuroanatomy and neuro-chemistry. Study of the mechanism of action of hormones at the cellular and molecular levels. Review and analysis of current literature. Three-hour lecture per week. Prerequisite: CHEM 2312. Recommended: BIOL 3321. *3 credits*

BIOL 3333 Embryology

Descriptive and experimental study of the development of vertebrates with emphasis on human development. Topics include gametogenesis, fertilization, cleavage, gastrulation, organogenesis and mechanisms involved in control of shaping, pattern formation and gene expression during development. Three-hour lecture, three-hour laboratory per week. *4 credits*

BIOL 3338-3339 Human Anatomy and Physiology I-II

Introduction to the skeletal system and muscular system as well as the study of the various organs systems. The cardiovascular and respiratory system are covered in Part I. The nervous system, endocrine and reproductive system are also covered as well as the gastrointestinal and renal system. Metabolism is studied. Element of structure as a basis of understanding function is a key concept in this course. Two one-hour and 15-minute lectures and a three-hour laboratory per week. This course is designed for BIOT (PT Track), BIOP (PA Track), BIOZ (AT Track) specifically. Biology majors who are not in a PT/PA/AT track need special permission of the instructor. Biology majors may take BIOL 3338 for 4 credits in biology electives. Special permission is still needed by the instructor. For biology majors, BIOL 3339 is equivalent to general electives only. *4 credits each*

BIOL 3341 Environmental Toxicology

Introduction to principles of ecotoxicology, including toxicity of petroleum and oil, solvents and pesticides, environmental ionizing radiation, air pollution, plant and animal toxins. Analytical and bioassay methods of detection will be studied as

well as risk assessment. Three-hour lecture per week. Prerequisite: CHEM 2312. *3 credits*

BIOL 3411 Microbiology

Study of microorganisms, methods and techniques: detailed study of the structure, function, physiology and nomenclature of bacteria, yeast, fungi and viruses. Concepts of infection and immunity. Laboratory techniques used for the isolation, staining, culturing and identification of a variety of microorganisms. Three-hour lecture, four-hour laboratory per week. *4 credits*

BIOL 3894 Biology Co-op I

3 credits

BIOL 3895 Biology Co-op II

3 credits

BIOL 3896 Biology Co-op III

(See Co-op Adviser.) *3 credits*

BIOL 4186 Biology Honors: Senior Thesis

Laboratory research carried out previously are the basis for an extensive written report. The thesis must be completed in order for any biology honors credits to be included in the 32 biology credits required in the major. *1 credit*

BIOL 4199 Senior Biology Seminar (Starting Fall 2005)

Seminars and discussions designed to integrate readings of the current biology literature with both written and oral presentation. Specific goals include: acquiring skills in gathering and analysis of biological information, developing confidence and expertise in presenting biology through writing and speaking, formulating a critical method of evaluating and discussing biology. In addition this seminar will be coordinated with the department's outcome assessment. For senior biology students only. *3 credits*

BIOL 4431 Microbial Genetics

Fundamental principles. Aspects of production and selection of microbial mutants. Classic mechanisms of microbial recombination including transformation, transduction, and conjugation and recombinant DNA technology as it relates to microorganisms. Three-hour lecture. Prerequisite: BIOL 3411. *3 credits*

Department of Chemistry and Biochemistry

McNulty Hall

(973) 761-9416

artsci.shu.edu/chemistry

Faculty: Fadeev; Hanson; Kazakevich; Kelty (*Director of Graduate Studies*); Maloy; Marzabadi; Murphy; Sheardy; Snow (*Chair*); Sowa Jr.; Turner

Faculty Emeriti: Augustine; Celiano; Huchital; McGuinness

The Department of Chemistry and Biochemistry offers programs leading to the degrees Bachelor of Science, Master of Science and Doctor of Philosophy.

The bachelor's degrees in chemistry and biochemistry prepare students for careers or graduate studies in chemistry, biochemistry, forensic science or the health professions. The curriculum includes a rigorous study of the laws, principles and theories applied in the various branches of chemistry, and develops laboratory skills in methods of analysis, synthesis and instrumentation.

The B.S. (ACS) degree program is approved by the Committee on Professional Training of the American Chemical Society. For further information, visit the department Web site at artsci.shu.edu/chemistry

Honors Program

The Honors Program in chemistry and biochemistry for students of exceptional ability includes seminars and preparation of a review article in the sophomore and junior years. Each student prepares a senior thesis based on original research and works closely with a faculty member on a tutorial basis.

Major Programs

In addition to meeting the standards and requirements of the College of Arts and Sciences, a degree candidate must complete a minimum of 53 credits in chemistry and allied fields. In general, required courses will be taken in the order listed. However, each student's program is designed in consultation with the student's faculty adviser, who may modify the program in view of the student's background and objectives.

There are three distinct undergraduate programs in chemistry and biochemistry, each leading to the B.S. degree. The first leads to a B.S. degree certified by the American Chemical Society (ACS). The second degree is not ACS certified, but allows the student more flexibility. Since fewer chemistry courses are required, the student in the second program also may concentrate on an additional field, such as biology, computer science or business administration, or may take a greater variety of liberal arts courses. This program of study can lead to further study at the graduate level in a variety of chemistry intensive areas, including chemistry, biochemistry, medicine, dentistry and forensic science.

The third degree is a B.S. in biochemistry, which is designed to prepare students for graduate school in departments of biochemistry, medical school or for employment in the pharmaceutical or clinical industries. The course requirements include those for the non-ACS certified chemistry major, with advanced biology and biochemistry courses added to the program of study. Students who intend to enter graduate school may select from a variety of advanced electives in order to meet specific admission requirements.

Five-Year Dual Degree Program

This program is conducted jointly with the New Jersey Institute of Technology (NJIT) and leads to a B.S. degree in chemistry from Seton Hall University and a B.S. degree in chemical engineering from NJIT. Students spend three years at Seton Hall and two years at NJIT. (See page 185 for additional information).

Minor Program

To insure sufficient breadth and depth in the minor in chemistry, the department recommends completion of freshman and sophomore-level courses plus some advanced courses.

The minor in chemistry requires a total of 22 credits, as follows:

I. Two semesters of general chemistry:		Credits
CHEM 1103-1104	General Chemistry I-II	8
or		
CHEM 1107-1108	Principles of Chemistry I-II	
II. Two semesters of organic chemistry:		
CHEM 2311-2312	Organic Chemistry I-II	8
or		
CHEM 2313-2314		10
III. Two additional semester courses with course numbers above CHEM 2000 not mutually exclusive.		
		Total: 22

Department Requirements: Chemistry (ACS)

Freshman Year		Credits
CHEM 1107-1108	Principles of Chemistry I-II	9
MATH 1401-1411	Calculus I-II*	8
Sophomore Year		
CHEM 2313-2314	Organic Chemistry I-II	10
MATH 2411	Calculus III	4
PHYS 1705-1706	Principles of Physics I-II	6
PHYS 1815-1816	Physics Laboratory and Data Analysis I-II	3
PHYS 2112	Physical Applications of Mathematical Techniques	4
Junior Year		
CHEM 2215-2216	Analytical Chemistry I-II	8
CHEM 3411-3412	Physical Chemistry I-II	6
Senior Year		
CHEM 3611		
or CHEM 4601	Inorganic Chemistry	3
CHEM 4413-4414	Physical-Inorganic Chemistry Laboratory I-II	4
CHEM 3512	Elements of Biochemistry	4
CHEM 4501	General Biochemistry I	3
CHEM Elective courses in chemistry (minimum)		2-3

Department Requirements: Chemistry (Non-ACS)

Freshman Year		Credits
CHEM 1103-1104	General Chemistry I-II	8
or		
CHEM 1107-1108	Principles of Chemistry I-II	9
MATH 1401-1411*	Calculus I-II	8
Sophomore Year		
CHEM 2311-2312	Organic Chemistry I-II	8
or		
CHEM 2313-2314	Organic Chemistry I-II	10

PHYS 1701-1702	General Physics I-II	6	or	PHYS 1705-1706	Principles of Physics I-II	6
or				PHYS 1811-1812	Physics Laboratory and Data Analysis I-II	2
PHYS 1705-1706	Principles of Physics I-II	6				
PHYS 1811-1812	Physics Laboratory I-II	2				
or				or		
PHYS 1815-1816	Physics Laboratory and Data Analysis I-II	3		PHYS 1815-1816	Physics Laboratory and Data Analysis I-II	2
Junior Year			Senior Year			
CHEM 2215	Analytical Chemistry I	4		CHEM 3418	Physical Chemistry for the Biological Sciences	3
CHEM 3411	Physical Chemistry I	3				
or				or		
CHEM 3418	Physical Chemistry for the Biological Sciences	3		CHEM 3411	Physical Chemistry I	3
				Science Electives	chosen from the electives described in the ACS and non-ACS programs described above	3
Senior Year						
<i>Electives from the following: (6 credits required)</i>						
CHEM 2216	Analytical Chemistry II	4		<i>*Students lacking high school trigonometry or making unsatisfactory scores on the Mathematics Placement Test take MATH 1015 Pre-Calculus, Mathematics-Algebra and Trigonometry, and MATH 1401 Calculus I in the freshman year and MATH 1411 Calculus II in the following Summer Session.</i>		
CHEM 3522	Elements of Biochemistry	3				
CHEM 3611	Inorganic Chemistry	3				
or						
CHEM 4601	Advanced Inorganic Chemistry	3				
CHEM 4891-4892	Chemistry Research (maximum)	4				
<i>Electives from the following: (8 credits required)</i>						
BIOL	(above 1202)					
CHEM	Selected from graduate courses or from					
(electives listed above not to be counted twice)						
CSAS	(above 1111)					
MATH	(above 1411)					
PHYS	(above 1812)					
Department Requirements: Biochemistry						
Freshman Year			Credits			
BIOL 1201-1202	General Biology Organism/Cell I-II	8				
CHEM 1103-1104	General Chemistry I-II	8				
or						
CHEM 1107-1108	Principles of Chemistry I-II	9				
MATH 1401-1411*	Calculus I-II	8				
Sophomore Year						
BIOL 2211	Genetics (fall)	4				
BIOL 2221	Cell Biology (spring)	3				
CHEM 2311-2312	Organic Chemistry I-II	8				
or						
CHEM 2313-2314	Organic Chemistry I-II	10				
Science Electives	chosen from the electives described in the ACS and non-ACS programs described above	3-4				
Junior Year						
CHEM 2215	Analytical Chemistry I	4				
CHEM 3512	Elements of Biochemistry	4				
PHYS 1701-1702	General Physics I-II	6				

Course Descriptions

Please note: Laboratory fees are nonrefundable.

Successful completion of the New Jersey Basic Skills Computation and Algebra Tests, or completion of equivalent tests administered by the Seton Hall University mathematics department, is prerequisite to all courses listed below except CHEM 1001, 1005 and 1011. (Successful completion means that the student placed into MATH 1015 or higher).

CHEM 1001 Chemistry and the World Around Us - An Investigative Approach

For students with no science background. Examination of the substances encountered in daily life, including common drugs, food, household chemicals, gasoline, paints, plastics and other consumer products. (For non-science students). Corequisite: MATH 1014 or higher. *3 credits*

CHEM 1011 Preparatory College Chemistry

For students with no previous coursework in chemistry, or an inadequate background for college chemistry. Prepares students for college-level chemistry courses required for nursing and science majors. (For science students). Corequisite: MATH 1014 or higher. *3 credits*

CHEM 1103-1104 General Chemistry I-II

Introduction to the principles of chemistry, principally for biology and allied health majors. Three-hour lecture, four-hour laboratory and recitation per week. Lab breakage fee \$20. *4 credits each*

CHEM 1107-1108 Principles of Chemistry I-II

Development of the principles of chemistry, principally for chemistry and physics majors. Part I: four-hour lecture, four-hour laboratory per week. Part II: three-hour lecture, four-hour laboratory per week. Laboratory work includes inorganic qualitative analysis. Lab breakage fee \$20. *4/5 credits*

CHEM 1301 Elements of Organic and Biochemistry

Fundamental chemistry. Emphasis on the principles of organic and biochemistry that contribute to health and disease. This course is primarily intended to fulfill the chemistry requirement for students in the College of Nursing. Four-hour lecture, three-hour lab per week. (Not for science majors or allied health science majors) Lab breakage fee \$20. Prerequisite: CHEM 1011 or passing grade on entrance exam. *5 credits*

CHEM 2215 Analytical Chemistry I

A fundamental course for physical science majors on the classical methods of analysis. Topics include titrimetry, gravimetry, spectrophotometry, potentiometry, separations, sampling and statistics. Two-hour lecture, eight-hour laboratory per week. Lab breakage fee \$20. *4 credits*

CHEM 2216 Analytical Chemistry II

Theory and practice of modern instrumental methods. Emphasis on the principles of instrumentation. Three-hour lecture, four-hour laboratory per week. Lab breakage fee \$20. Prerequisite: CHEM 2215 or permission of instructor. *4 credits*

CHEM 2311-2312 Organic Chemistry I-II

Principal classes of aliphatic and aromatic compounds. Reactions, mechanisms and synthesis involving simple organic and biochemical molecules. Three-hour lecture, four-hour laboratory and recitation per week. Lab breakage fee \$20. Prerequisite: CHEM 1104 or CHEM 1108 *4 credits each*

CHEM 2313-2314 Organic Chemistry I-II

Principal classes of aliphatic and aromatic compounds. Emphasis on structural theory, reaction mechanisms, organic syntheses. Experimental work emphasizes basic organic laboratory techniques and includes an introduction to qualitative organic analysis. Three-hour lecture, six-hour laboratory and recitation per week. Lab breakage fee \$20. (For students majoring in chemistry). Prerequisite: CHEM 1104 or CHEM 1108. *5 credits each*

CHEM 2781 Chemistry Honors I

Seminars and discussions in biochemistry and organic chemistry under the direction of the sophomore honors faculty moderator. Each honors student must deliver one seminar. Seminars are intended to train the honors student in independent searching of the chemical literature, organization and presentation of a technical talk and leadership in discussion. One hour per week. *1 credit*

CHEM 3214 Environmental Chemistry

Chemistry of the natural environment and the impact of human activities on air, earth and water. Emphasis on understanding issues of environmental chemistry and laboratory techniques involved in environmental analysis. Three-hour lecture, four-hour laboratory per week. Lab breakage fee: \$20. Prerequisites: CHEM 1103-1104 or 1107-1108 and CHEM 2311, 2313, 2215. *4 credits*

CHEM 3411-3412 Physical Chemistry I-II

Kinetic theory of gases. The laws of thermodynamics and their applications to ideal and real gases, liquids, mixtures and solutions. Rates of reactions and their theoretical interpretations. Application of elementary quantum chemistry to atomic and

molecular structure. Prerequisites: PHYS 1702 or PHYS 1706; MATH 1411. *3 credits each*

CHEM 3418 Physical Chemistry for the Biological Sciences

Quantitative concepts that are applicable to biological systems: thermodynamics; chemical kinetics; intermolecular interactions. Analysis of experimental data. (For non-ACS students). Prerequisites: CHEM 2312 or CHEM 2314; MATH 1411; PHYS 1701 or PHYS 1702. *3 credits*

CHEM 3512 Elements of Biochemistry

Emphasizes the structures of the major biomacromolecules (nucleic acids, amino acids and proteins, lipids and carbohydrates) involved in cell architecture and dynamics. Included will be an overview of the primary functions of these molecules, including membrane structure and transport properties, biological catalysis, and enzyme function and regulation. In addition, the laboratory will provide training in modern biochemical techniques. Lab breakage fee: \$20. Prerequisite: CHEM 2312 or CHEM 2314. *4 credits*

CHEM 3522 Elements of Biochemistry

Emphasizes the structures of the major biomacromolecules (nucleic acids, amino acids and proteins, lipids and carbohydrates) involved in cell architecture and dynamics. Included will be an overview of the primary functions of these molecules, including membrane structure and transport properties, biological catalysis, and enzyme function and regulation. Prerequisite: CHEM 2312 or CHEM 2314. *3 credits*

CHEM 3611 Inorganic Chemistry

Periodic properties of the elements, their comparative group characteristics and structure of some of their compounds. Introduction to transition metal and organometallic chemistry. Pre- or Corequisite: CHEM 2312 or CHEM 2314. *3 credits*

CHEM 3781 Chemistry Honors II

Faculty and student seminars and discussions in analytical, inorganic and physical chemistry under the direction of the junior honors faculty moderator. Each honors student must deliver one seminar. One hour per week. *1 credit*

CHEM 3782 Chemistry Honors III

Independent library research culminating in preparation of a review article. The student works closely with a faculty member on a tutorial basis. *1 credit*

CHEM 3891, 3892, 3893 Biochemistry Co-op I, II, III

(See Co-op Adviser) Prerequisite: CHEM 3512 or CHEM 3522. *3 credits each*

CHEM 3894 Chemistry Co-op I

3 credits

CHEM 3895 Chemistry Co-op II

3 credits

CHEM 3896 Chemistry Co-op III

3 credits

CHEM 4111 Introduction to Chemical Data Analysis**CHEM 4201 Survey of Analytical Chemistry****CHEM 4204 Spectrochemical Methods of Analysis**

CHEM 4205 Modern Separation Techniques

CHEM 4206 Chemical Methods of Analysis

CHEM 4212 Statistics and Applied Analytical Chemistry

CHEM 4301 Theoretical Organic Chemistry I

CHEM 4303 Synthetic Organic Chemistry

CHEM 4312 Theoretical Organic Chemistry II

CHEM 4401 Chemical Thermodynamics

CHEM 4402 Chemical Kinetics

CHEM 4403 Atomic and Molecular Structure

CHEM 4413-4414 Physical - Inorganic Chemistry Laboratory I-II
Laboratory includes preparation and study of representative materials by physicochemical methods. Data handling by computer techniques emphasized. CHEM 4413 focuses on physical chemistry studies. CHEM 4414 focuses on inorganic synthesis and characterization. Six-hour laboratory per week. Lab breakage fee \$20. Prerequisite: CHEM 3411, PHYS 2212 or MATH 2512. *4 credits each*

CHEM 4423 Computational Chemistry

The course will cover the fundamental theory and application of Molecular Mechanics, Classical Molecular Dynamics, Semi-empirical, Ab Initio and Density Functional simulation and modeling techniques to atoms, molecules, and solids. Available application programs will be used by the students to demonstrate the principles and provide hands-on experience with modern computational chemistry tools. Prerequisite: CHEM 3412. *3 credits*

CHEM 4501 General Biochemistry I

CHEM 4512 General Biochemistry II

CHEM 4515 Proteins

CHEM 4516 Enzymes

CHEM 4601 Advanced Inorganic Chemistry

CHEM 4618 Physical Methods in Inorganic Chemistry

CHEM 4801-4802 Advanced Laboratory Project in Chemistry
Advanced laboratory techniques: instrumental methods; synthesis; separations; data analysis and formal reporting. Long-term projects with students forming teams of experts. Project development and reporting in consultation with local industrial scientists. Prerequisites: CHEM 2311-2312 or CHEM 2313-2314; CHEM 2215- 2216 or permission of the instructor. *1 credit*

CHEM 4891-4894 Chemistry Research

Introduction to methods of original investigation. Individual laboratory research problems, conferences library research. Enrollment limited. (For students majoring in chemistry). Prerequisites: GPA of 3.0 in chemistry; completion of all junior chemistry courses. *2 credits each*

Course descriptions for the 4000 level courses can be found in the Graduate Catalogue or by contacting the department

Department of Classical Studies

Fahy Hall

(973) 275-5822

artsci.shu.edu/classics

Faculty: Booth (*Chair*)

The Department of Classical Studies offers a variety of courses that bring students more fully into contact with the roots of their culture. Students gain an awareness and appreciation of the continuity of Western thought by studying the historical, literary, linguistic and religious elements of Greece and Rome. The department approaches this study through its two concentrations: language and culture.

Courses in the department are designed not only for classics majors but also for majors in English, history, political science and philosophy, as well as for any students seeking a broader background in the most fundamental and influential writings of the Western world.

Courses in Latin and Greek give students a new understanding of the English and European languages, and offer direct access to the original texts of ancient poetry, drama, philosophy, history, the New Testament and the writings of the Christian tradition from its origins until modern times. Classical culture courses in English translation offer a broad survey of these literary masterpieces, emphasizing their significance for the modern world as well as for their original cultural context.

Major Programs

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete a minimum of 36 credits in classical studies; at least 18 credits must be in language. All programs are worked out in consultation with a department adviser who may modify the program in view of the student's background and objectives.

Minor Programs

IA. Latin (18 credits minimum)		Credits
LATN 1101-1102	Elementary Latin I-II	6
LATN 2101-2102	Intermediate Latin I-II	6
LATN 3111-3395	Choose two	6

Students entering college with intermediate or advanced competency in Latin may substitute 6-12 credits of advanced Latin for LATN 1101-1102 and/or LATN 2101-2102, per departmental placement. Students may substitute 12 credits in Classical Culture for 6 credits of Latin.

IB. Classical Languages (18 credits minimum)		Credits
LATN 1101-1102	Elementary Latin I-II	6
LATN 2101-2102	Intermediate Latin I-II	6
GREK 1205-3395	Choose two	6

Students entering college with intermediate or advanced competency in Latin may substitute 6-12 credits of advanced Latin for LATN 1101-1102, LATN 2101-2102, or for the Greek courses.

II. Classical Culture (18 credits minimum)

CLAS 2317 (ENGL 2612, ARCH 2317)
Classical Mythology 3

Choose five of the following: 15

CLAS 1311 (ARCH 1112) Archaeology of Greece
CLAS 1312 (ARCH 1113) Archaeology of Rome
CLAS 1313 (ENGL 1611) Roots of English: Word Power
CLAS 2301 Epics and Novels of Greece and Rome
CLAS 2302 Greek and Roman Drama
CLAS 2303 (ARCH 2303, POLS 2411) Politicians in Antiquity

CLAS 2304 (ARCH 2304, HIST 2183) Historians of Greece and Rome
CLAS 2316 Greek and Latin Poetry
CLAS 2318 Classical Myth, Modern Theater and Film
CLAS 2319 (ARCH 2112, HIST 2220) Greek Civilization
CLAS 2320 (ARCH 2113, HIST 2221) Roman Civilization
CLAS 2322 (ARCH 2322, HIST 2170, WMST 2322) Women in Antiquity
CLAS 3290 (ARCH 3290, CAST 3290) Archaeology and Christianity

III. Archaeology (18 credits minimum)

Course of study designed in cooperation with the Departments of Religious Studies and Sociology/Anthropology. For information, please consult the archaeology studies program section of this catalogue.

Teacher Certification

Students who wish to obtain New Jersey State certification to teach Latin at the secondary school level may design a course of study with the chair of the Department of Classical Studies in consultation with the chair of the Department of Educational Studies.

Course Descriptions

CLAS 1311 (ARCH 1112) Archaeology of Greece
History and culture of ancient Greece in light of archaeological discoveries. Basic archaeological terminology and principles. Illustrated with color slides. *3 credits*

CLAS 1312 (ARCH 1113) Archaeology of Rome
History of Rome and its empire via Spring trip to Italy, Rome's architectural and artistic legacy down to the time of Constantine, including a visit to Peter's tomb, the catacombs, and Church art. *3 credits*

CLAS 1313 (ENGL 1611) Roots of English: Word Power
Vocabulary course that examines the dependence of English on Latin and Greek for prefixes, suffixes and roots of words. Exercises in word recognition and in amplifying English vocabulary, extensive use is made of the World Wide Web and inter-

active email instruction, especially Professor Cotter's "Roots of English" Etymological dictionary from the World Wide Web. *3 credits*

CLAS 1314 Scientific Terminology
Vocabulary course emphasizing the influence of classical languages in all fields of science, extensive use is made of the World Wide Web, interactive e-mail instruction, and Professor Cotter's Roots of English Etymological dictionary. *3 credits*

CLAS 2301 Epics and Novels of Greece and Rome
Selected works of epic poetry (Homer's Iliad, Odyssey, Vergil's Aeneid, Ovid's Metamorphoses) and the novels of romance and adventure (Petronius' Satyricon, Apuleius' Golden Ass, and the five Greek romances). A comparative study of the two major forms of ancient storytelling, their use of mythology and narrative patterns and their social significance. *3 credits*

CLAS 2302 Greek and Roman Drama
Selected works of Greek Tragedy (Aeschylus, Sophocles, Euripides), Greek Comedy (Aristophanes, Menander), Roman Comedy (Plautus, Terence) and Roman Tragedy (Seneca). A study of the development of ancient drama, the significance of staging and performance and the influences on subsequent drama. *3 credits*

CLAS 2303 (ARCH 2303, POLS 2411) Politicians in Antiquity
Topics in Greek and Roman political thought (democracy, tyranny, electoral campaigning, trial by jury, class strife, etc.) studied through political writings, historical evidence and literary texts. *3 credits*

CLAS 2304 (HIST 2183, ARCH 2304) Historians of Greece and Rome
Selected readings and interpretation of Greek and Roman historiography. Social and political character of ancient historiography as well as the historical criticism and viewpoint of each author. *3 credits*

CLAS 2316 Greek and Latin Poetry
Reading and interpretation of selected Greek and Roman lyric poets: Sappho, Solon, Theocritus, Catullus, Propertius and others. *3 credits*

CLAS 2317 (ENGL 2612, ARCH 2317) Classical Mythology
Study of the gods, heroes and legends of the Greek and Roman peoples. The content, meaning and function of "myths," and their influences upon literature and art. *3 credits*

CLAS 2318 Classical Myth, Modern Theater and Film
Study of modern adaptations of classical mythological themes in literature and film. Readings from Ovid, Sophocles, Anouil, Cocteau and Brecht. *3 credits*

CLAS 2319 (HIST 2220, ARCH 2112) Greek Civilization
Rise of Hellenic culture from its genesis in the Aegean Bronze Age, the major interactions of the city-state in the sixth and seventh centuries, the Classical period and its decline. There is extensive use of the World Wide Web, with intensive reliance on the Perseus Greek Civilization Web site as a visual and textual resource. *3 credits*

CLAS 2320 (HIST 2221, ARCH 2113) Roman Civilization

Investigation of the tension between individual liberty and the traditional power of state and society and of the political and social institutions that maintain social cohesion in a complex society. *3 credits*

CLAS 2322 (HIST 2170, ARCH 2322, WMST 2322) Women in Antiquity

Inquiry into the social, political and legal status of women in ancient Greece and Rome. *3 credits*

CLAS 3290 (CAST 3290, ARCH 3290) Archaeology & Christianity

Investigation of physical evidences of early Christians. Outline of methods and written sources available. Study of the origin of early Christian cemeteries (catacombs), art, inscriptions (epigraphy) and buildings. Reading and evaluation of Eusebius, the oldest extensive source for early Church history, and the impact of the conversion of Constantine. Also includes a detailed study of the origin and development of early Christian houses of worship and martyria, including the 1951 report of the excavations under St. Peter's Basilica in search of the tomb of Peter. *3 credits*

CLAS 3391-3395 Independent Studies

Advanced students in classical studies may, with the permission of the department and under an adviser, continue research in a particular area *1-3 credits*

GREK 1205-1206 Elementary Greek I-II

Introduction to the ancient Greek language, using excerpts from classical authors. *3 credits each*

GREK 2205-2206 Intermediate Greek I-II

Extensive readings and analysis from classical Greek authors. Prerequisite: GREK 1206. *3 credits each*

GREK 2207-2208 (CAST 2207-2008) New Testament Greek I-II

Introduction to the grammar and vocabulary of New Testament (Koine) Greek; selected readings: the Gospels, the Acts of the Apostles, the letters of St. Paul and Apostolic Fathers. *3 credits each*

GREK 3252 Herodotus

Selected readings from the History of Herodotus. Study of his style, language, composition and historical value. Prerequisite: GREK 2206. *3 credits*

GREK 3253 Plato

Extensive readings of the Socratic dialogues as an introduction to Platonic thought and influence. Prerequisite: GREK 2206 or GREK 2208. *3 credits*

GREK 3254 Attic Orators

Selected readings from famous Attic orators. Study of their styles, methods of composition, rhetorical forms and political ideas. Prerequisite: GREK 2206 or GREK 2208. *3 credits*

GREK 3262 Greek Drama

Selected readings from Aeschylus, Sophocles, Euripides and Aristophanes. Emphasis on the language, meters and interpretation of the plays. Prerequisite: GREK 2206. *3 credits*

GREK 3263 Thucydides

Selected readings from the History of the Peloponnesian War. Study of Thucydides' methods of writing, thought, style and language. Prerequisite: GREK 2206 or GREK 2208. *3 credits*

GREK 3264 Aristotle

Extensive study of Aristotle and his philosophy. Selected readings from the Athenian Constitution, Eudemian Ethics and Nichomachean Ethics. Prerequisite: GREK 2206 or GREK 2208. *3 credits*

GREK 3391-3395 Independent Studies

Advanced Greek courses with department permission. *3 credits*

LATN 1101-1102 Elementary Latin I-II

Introduction to the basics of the language through reading short narratives in Latin. Emphasis on building a better understanding of English grammar and vocabulary through Latin, with some discussion of the history and culture of ancient Rome. *3 credits each*

LATN 2101-2102 (CAST 2101-2102) Intermediate Latin I-II

Continuation of the basics of reading Latin, including an introduction to some of the best-loved Latin authors: Catullus, Cicero, Horace, Vergil and Ovid. Prerequisite: LATN 1102. *3 credits each*

LATN 3111 Latin Prose Composition

Systematic study of Latin syntax and style with intensive practice in translation from English to Latin. Prerequisite: LATN 2102. *3 credits*

LATN 3112 Livy and Sallust

Selected reading from Livy's *Ab urbe condita* and Sallust's *De coniuratione Catilinae*. A study of their style, composition, sources and character. Prerequisite: LATN 2102. *3 credits*

LATN 3113 Caesar's Gallic War

Study of content, style and historical importance of Caesar's Gallic War and biographical study of Caesar's career during the crucial days at the end of the Roman Republic. Prerequisite: LATN 2102 or equivalent. *3 credits*

LATN 3114 Ovid

Selected readings. Exploration of content, motives, structure and influence. Prerequisite: LATN 2102. *3 credits*

LATN 3115 Roman Love Poetry

Study of the style, meter and subject matter of elegiac poetry through selected readings. Prerequisite: LATN 2102. *3 credits*

LATN 3117 Roman Comedy

Selected readings from Plautus and Terence. Exploration of plot, characters and staging of the plays. Prerequisite: LATN 2102. *3 credits*

LATN 3119 Lucretius

Readings of selections from Lucretius' *De rerum natura*. Study of style and composition of his poetry and of Epicurean philosophy in Greece and Rome. Prerequisite: LATN 2102. *3 credits*

LATN 3120 Vergil's Aeneid

Selected readings from Vergil's Aeneid. Study of his narrative art, style, composition and meter. Prerequisite: LATN 2102. *3 credits*

LATN 3121 Vergil's Eclogues and Georgics

Extensive readings from the Eclogues and Georgics. Study of the motives, forms, sources and techniques. Prerequisite: LATN 2102. *3 credits*

LATN 3122 Roman Satire

Selections from Juvenal, Persius, Petronius, Martial and Horace. Study of their literary and linguistic features and their interrelationships. Prerequisite: LATN 2102. *3 credits*

LATN 3125 Cicero's Orations

Readings of selected orations. Study of their structure, style, composition and rhetorical techniques. Prerequisite: LATN 2102. *3 credits*

LATN 3126 Cicero and Seneca

Selected works from Seneca's philosophical letters, essays, tragedies, and the satiric Pumpkinification of Claudius, and Cicero's philosophical works. Prerequisite: LATN 2102. *3 credits*

LATN 3131 Tacitus

Selected readings from the Annals and Histories. Study of the style, composition and character of the histories. Prerequisite: LATN 2102. *3 credits*

LATN 3140 Horace

Readings from selected works. Study of structure, composition, metrical forms and influence. Prerequisite: LATN 2102. *3 credits*

LATN 3150 (CAST 3150) Medieval Latin

Study of various genres and styles Latin language and literature of late antiquity and the Middle Ages; with readings from the Vulgate, Church Fathers, hymns, drama, history, secular songs, satire, biography and romance. Selections include St Augustine, St Jerome, Bede, the Carmina Burana and the Apollonius Romance. Prerequisite: LATN 2102 or equivalent. *3 credits*

LATN 3391-3395 Independent Studies

For advanced Latin students, with department permission. *3 credits*

Department of Communication

Fahy Hall

(973) 761-9474

artsci.shu.edu/communication

Faculty: Black; Hoffman; Kimble; Kuchon; LaForge; Mahon (*Director of Graduate Studies*); McGlone; McKenna; Miranda; Nyberg; Plummer; Radwan; Reader (*Chair*); Rondinella; Sharrett; VanOosting; Vos; Yates; Zizik

Faculty Associates: Rennie; Rosenblum

Faculty Emeriti: Klose; McBride; Rathbun

The major in communication appeals to students who wish to pursue creative careers in television, radio, film, journalism, public relations, advertising, communication graphics or the-

ater; and to students who wish to explore the history, aesthetics and critical aspects of those media.

The department faculty consists of media scholars and experienced media professionals. Each preprofessional program in the department's curriculum is fully supported by up-to-date production facilities.

In their senior and junior years, qualified majors are urged to do internships or co-ops in entry-level positions at professional organizations in their respective fields.

Communication majors also participate in a broad range of media-related co-curricular activities: Theatre-in-the-Round; *The Setonian*, the weekly student newspaper; the Brownson Speech and Debate Team; the Public Relations Society of America student chapter; workshops in film, television and theater; Pirate TV and WSOU-FM, the University's FCC-licensed radio station (see page 57 for more information).

Major Programs

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete the communication program of 42 credits as outlined. The department requires a 2.5 GPA in order to be signed into the major. The chair of the department may modify the program in view of a transfer candidate's academic background.

Some general courses are required of all majors, but, in consultation with an adviser, the student's elective program is chosen according to interests and needs.

The Communication curriculum is divided into four majors: Broadcasting and Visual Media; Theatre and Performance; Journalism and Public Relations; and Communication Studies. Communication majors are encouraged to take minors in other departments appropriate to their own interests.

Major Programs

Communication majors must complete the following courses for the core curriculum of the College of Arts and Sciences:

Philosophy and Religious Studies (Core Section G.)

PHIL 1101	Introduction to Philosophy
PHIL 1104	Logic

Western Civilization (Core Section E.)

A 6-credit sequence is required from the College of Arts and Science core curriculum. Students may, however, take 6 credits in Western Civilization and WMST 1401 (Women, Culture, and Society) or AFAM 1111 (Introduction to African-American Studies).

Department Core Requirements

		Credits
COMM 1421	Writing for the Media	3
COMM 1670	Introduction to	
	Communication Theory	3
COMM 2134	Communication Ethics	3
COMM 2135	Communication Research	3
COST 1600	Oral Communication	3

Journalism and Public Relations Major

I. Journalism Track:

COJR 2431	American Journalism
COMM 2136	Communication Law
COPA 2512	Public Relations I
COJR 2421	News Reporting
COTC 5000	Portfolio (1 credit)
COJR 5499	Senior Seminar: Journalism

One of the following:

COTC 2240	Media Criticism
COJR 3430	Journalistic Tradition
COJR 3432	Women and Media
COJR 3428	Publication Editing
COJR 3421	Advanced News Reporting
COJR 3426	Magazine Writing
COJR 4424	Broadcast News

Two of the following:

COBF 2223	Introduction to Studio TV
COGR 2324	Desktop Publishing
COGR 2112	Introduction to Multimedia
COGR 3325	Digital Photography

II. Public Relations Track

COJR 2431	American Journalism
COMM 2136	Communication Law
COPA 2512	Public Relations I
COJR 2421	News Reporting
COTC 5000	Portfolio (1 credit)
COPA 5599	Senior Seminar: Public Relations

One of the following:

COTC 2240	Media Criticism
COJR 3430	Journalistic Tradition
COJR 3432	Women and Media
COPA 2525	Promotional Writing
COPA 3522	Public Relations II
COPA 2521	Newspaper Advertising
COPA 3521	Broadcast Advertising

Two of the following:

COBF 2223	Introduction to Studio TV
COGR 2324	Desktop Publishing
COJR 3428	Publications Editing
COGR 3323	Presentation Graphics

Theatre and Performance Major

I. Theatre Studies Track

COTH 2621	Introduction to the Theatre
COTH 2631	Theatre History
ENGL 2013	The Drama
ENGL 2312	Shakespeare
COTH 5799	Senior Seminar: Theatre

Six of the following (Three must be COTH):

ENGL 2421	Modern Am. Drama
ENGL 2413	Drama in Great Britain

ENGL 2315	Contemporary Drama
ENGL 2427	Drama: Classic and Contemporary
COTH 2610	American Stage
COTH 2611	Irish Stage
COTH 2612	Dramatic Theory and Criticism
COTH 3622	Playwriting
COTH3625	Scene Design
COTH 3627	Theatre in London
GREK 3262	Greek Drama
LATN 3117	Roman Comedy
MUHI 1134	Music of Broadway

II. Performance Track

COTH 2631	Theatre History
COTH 2621	Intro to the Theatre
ENGL 2013	The Drama
ENGL 2312	Shakespeare
COST1620	Performance Lab*
COTH 5799	Senior Seminar: Theatre

Five of the following:

COST 2620	Oral Interpretation
COTH 2624	Vocal Techniques
COTH 3620	Acting I
COTH 3621	Directing
COTH 3622	Playwriting
COTH 3625	Scene Design
COTH 3623	Lighting for TV and Film
COTH 3624	Children's Theatre
COTH 3626	Acting II
COTH 3627	Theatre in London

*Performance Lab: 3 one-credit courses in acting, directing, stage crew, set or lighting design

Broadcasting and Visual Media Major

I. Desktop Publishing and The Web Track

ARTH 1124	History of Graphic Design
COMM 2136	Communication Law
COBF 2212	Introduction to Visual Theory
AART 2312	2-D Design
COGR 2321	Typography and Electronic Production
COGR 2324	Desktop Publishing
COGR 3323	Present Graphics
COGR 3325	Digital Photography
AART 2315	Art of Web Design I
COGR 3321	Publication Design
COGR 2111	Introduction to HTML (1 credit)
COGR 5399	Senior Seminar in Computer Graphics

II. Multimedia and The Web Track

ARTH 1124	History of Graphic Design
AART 2312	2-D Design
COBF 2212	Introduction to Visual Theory
COGR 2322	Introduction Computer Graphics
COGR 2112	Introduction to Multimedia

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COGR 3112	Multimedia Production
COGR 3322	Advanced Communication Graphics and Animation
COGR 3325	Digital Photography
COGR 3327	2-D Animation for Web
AART 2315	Art of Web Design I
COGR 2111	Introduction to HTML (1 credit)
COGR 5399	Senior Seminar in Computer Graphics

III. Computer Graphics Track

ARTH 1124	History of Graphic Design
AART 1223	Art of Design
COBF 3224	Remote TV I
COGR 2322	Introduction to Computer Graphics
COBF 2231 or COBF 2232	Electronic Age in America
COGR 2112	Evolution of Film Art
COGR 3112	Introduction to Multimedia
COGR 3322	Multimedia Prod Advanced Computer Graphics and Animation
COGR 3325	Digital Photography
COGR 3327	Animation for Web
COGR 2111	Introduction to HTML (1 credit)
COGR 5399	Senior Seminar in Computer Graphics

IV. Broadcasting and Film Track

COBF 2232	Evolution of Film Art
COBF 2231	Electronic Age in America
COBF 2212	Introduction to Visual Theory
COBF 2222	TV/Film Writing

Production Component (Four courses)

Two course production sequence
Two additional production courses

Media Studies Component (Two courses)

Two media studies courses in the Broadcasting and Film area
COBF 5299 Senior Seminar in Radio-TV
or COBF 5698 Senior Seminar in Film

Recommended Courses of Study by Concentration

Students wishing to pursue one of the following concentrations should plan on taking appropriate courses, as listed below, in their junior and senior years (along with whatever further, elective courses are required for completion of the Broadcasting and Film track). Final course choice should be made in consultation with an academic advisor.

Film Production

Production courses:

COBF 3222	Introduction to Film Production
COBF 4222	Creative Filmmaking
COGR 2322	Introduction to Computer Graphics
COTH 3623	Lighting for TV and Film

Media Studies courses:

COBF 3212	Contemporary Cinema
COBF 3214	Film Criticism
COBF 3216	Film Genre <i>or</i> Documentary Film

Television Production

Production courses:

COBF 2223	Introduction to Studio TV
COBF 3223	Studio TV II
COBF 3224	Remote TV I
COBF 4224	Remote TV II
COGR 2322	Introduction to Computer Graphics

Media Studies courses:

COBF 2211	Development of Alternative Video
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Radio

Production courses:

COBF 3225	Radio Programming and Production
COBF 2225	Broadcast Program and Management

Media Studies courses:

COBF 2211	Development of Alternative Video
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Media Studies

Media Studies courses:

COBF 3212	Contemporary Cinema
COBF 3214	Film Criticism
COBF 2211	Development of Alternative Video
COBF 3216	Film Genre
COBF 2213	Documentary Film

Communication Studies

COST 2612	History of Rhetoric
COMM 2136	Communication Law
COST 2625	Public and Presentational Speaking
COST 2626	Rhetorical Criticism
COST 1610	Dynamics of Human Communication
COST 2622 or COST 2623	Group Discussion
COST 2000	Persuasive Speaking
COST 5899	Intercultural Communication Senior Seminar in Communication Studies

Three courses from approved electives from other Communication tracks, Logic, Philosophy, English, or Political Science as approved by advisor.

Total: 45

Communication Studies Major

The Communication Studies major is a comprehensive and flexible program of study that combines all aspects of communication. A list of recommended courses for the Communications Studies major can be found below. Students may also select courses, in consultation with a faculty adviser, from the other three communication majors.

Minor Program

Students who wish to enrich their understanding of communication in conjunction with another major program may enroll in the department's minor program. Minors deal with specific subjects such as advertising, film, journalism, public relations, speech, theater, computer graphics, radio or television. A student's minor program is developed with a department faculty adviser.

The communication minor consists of 21 credits, as follows:

		Credits
COMM 1670	Introduction to Communication Theory	3
COMM 2134	Communication Ethics	3
COMM 2136	Communication Law	3
	<i>Three credits of a relevant Communication History course</i>	3
	<i>Three additional communication elective courses</i>	9

Certificate Programs

Certificate in Computer Graphics

Students who would like to learn more about how computer graphics is used in advertising, publication design, broadcasting, business, art and journalism may enroll in the Certificate in Computer Graphics Program. Students should apply for entry into the program before taking more than 6 credits in computer graphics, and must maintain a minimum 2.5 GPA in the program.

Further information is available from professors Kenneth Hoffman or Peter Rosenblum, Department of Communication. The Certificate in Computer Graphics will be awarded upon successful completion of 19 credits, as follows:

		Credits
AART 1223	The Art of Design	3
COGR 1321	Desktop Publishing for Personal Use	1
COGR 2322	Introduction to 3D Computer Graphics	3
<i>Four from the following:</i>		
AART 2312	Two-Dimensional Computer Design	3
COGR 2112	Introduction to Multimedia Communication	3
COGR 3112	Multimedia Production	3
COGR 3322	Computer Animation	3
COGR 3323	Presentation Graphics	3
COGR 3324	Two-Dimensional Computer Design	3
COGR 3325	Digital Photography	3
		Total: 19

Certificate in Digital Media and Video

This cross-disciplinary certificate will provide training in computer-based media production for students entering the fields of multimedia, Web production, broadcasting and filmmaking. Using the latest techniques and technologies in digital production, students will create presentations combining

remote video, three-dimensional computer animation and computer-based special effects (21 credits).

		Credits
COBF 2212	Introduction to Visual Theory/Technique	3
COBF 3224	Remote Television Production I*	3
COBF 4224	Remote Television Production II or Introduction to Multimedia Communication	3
COGR 2112	Introduction to 3D Computer Graphics	3
COGR 2322	Multimedia Production	3
COGR 3112	Computer Animation	3
COGR 3322	Computer Animation	3
COGR 3326	Digital Video for New Media	3

*COBF 2223 Introduction to Studio Television is a prerequisite for COBF 3224.

Additional Requirements:

Students must maintain at least a 3.0 GPA in certificate courses with no grade lower than "C," and submit a final project for review and public performance. The final project will be determined in collaboration with the instructor and will take the form of: a) remote Television II final project incorporating elements of computer graphics and computer animation; or b) new media (CD-ROM or Web multimedia) final project incorporating elements of remote video, computer graphics and computer animation.

Internships with Web-based multimedia companies; or corporate or broadcast facilities using time-based digital media are strongly encouraged.

Certificate in Digital Media Production for the Web

Students will learn how to integrate rich media elements such as streaming audio and video, motion graphics and animation into Web presentations. Emphasis will be placed on graphic design principles essential for clear and effective communication in the rapidly evolving Web environment. Areas covered include:

- Typography and design for effective Web communication
- Crafting Web pages for low bandwidth environments
- Designing for rich media in Web presentations
- Preparation and editing of 2-D and 3-D animation, sound and video for the Web
- Authoring with HTML
- Effective use of software such as Dreamweaver, Flash, Photoshop, and 3-D Studio Max.

The Certificate in Digital Media Production for the Web will draw upon the Department of Art and Music's Certificate in Web Design for the artistic, aesthetic and design conceptual framework necessary to properly apply the wide range of digital media required to produce the contemporary Web page. The Department of Communication strongly urges students to complete the Certificate in Web Design as an artistic requisite for the Certificate in Digital Media for the Web; but students can work on both certificates simultaneously.

		Credits
AART 1223	The Art of Design	3
AART 2312	Two-Dimension Design (or COGR 3324 Two-Dimensional Design)	3
COGR 2111	Introduction to Hypertext Markup Language	1
COGR 2112	Introduction to Multimedia	3
COGR 2322	Introduction to 3D Computer Graphics	3
COGR 3322	Advanced Computer Graphics and Animation	3
COGR 3325	Digital Photography	3
COGR 3326	Digital Video for New Media	3
COGR 3327	Interactive Animation for the Web	3

Grading Policy:

Students will be required to maintain at least a "B" GPA in the certificate with no grade below "C."

Certificate in Television/Video Production

For students preparing to enter the television/video profession, this certificate program ensures that they have the requisite knowledge, skills and creative experience in both studio and field production. In addition, it provides students with valuable documentary credentials, useful in gaining entry-level positions in the profession.

COBF 2223	Introduction to studio television
COBF 3223	Studio Television II
COBF 3224	Remote Television Production I

12 Credits

Note: To qualify for the certificate, a student must earn a grade of "B" or better in each of the above courses.

Course Descriptions

COBF 2211 The Development of Alternative Video

A critical and historical survey of uses of video technology lying outside the mainstream of commercial American broadcasting. Topics include cable programming, foreign television, home video, video art and public access television. *3 credits*

COBF 2212 Introduction to Visual Theory and Technique

Lectures, discussions and screenings focus on the development of visual expression in film, video, and computer graphics, with emphasis on the narrative form. There is an opportunity for practical exercises; a photo assignment and an optional digital video final project. *3 credits*

COBF 2213 Documentary Film

Survey of the history and critical aspects of the nonfiction film (including newsreel and experimental film) from the Lumieres (1895-97) through the cinema verite documentaries of today. Lecture, discussion, screenings. *3 credits*

COBF 2215 Broadcast Programming and Management

Study of organization and management of commercial and public radio and television stations. Components include programming techniques, formats, FCC regulations, business practices, ratings and technical/engineering considerations. *3 credits*

COBF 2222 Television-Film Writing

Principles and practices of screenplay writing with emphasis on cinematic values. Each student creates a long step outline for a feature length film screenplay or teleplay. Pre-requisite: COMM 1421. *3 credits*

COBF 2223 Introduction to Studio Television

Instruction in and practice regarding the TV production team, operation of studio and control room equipment, the television script, program formats, production elements and process. Lecture, discussion and program exercises in the studio. *3 credits*

COBF 2231 The Electronic Age In America

Development of the American system of broadcasting and its relation to political, social and economic conditions. Discussions include technological development, programming, network formation, economic support and the news function. *3 credits*

COBF 2232 Evolution of the Film Art

Survey of major contributions to the development of motion pictures. Lectures, screenings and critiques of cinematic works demonstrating the creative impetus given to filmmaking from the early narratives of Melies to the pre-World War II period. *3 credits*

COBF 3212 Contemporary Cinema

Survey of international cinema in the post-World War II period. Specific works by individual directors practicing in Europe, Japan, India and the United States studied in-depth to ascertain their contribution to evolving patterns of cinematic expression. *3 credits*

COBF 3214 Film Criticism

Screenings of a wide variety of films from 1930 to present serve as the basis for criticism written by students. Writings of various popular contemporary critics are evaluated in class discussions that examine questions of aesthetic criteria and the development of a style appropriate to the film critic's audience. *3 credits*

COBF 3216 Film Genre

Individual film forms, such as the western, the crime film, the horror film, science fiction, the musical, screwball comedy and others. The narrative conventions and grammar of genres are examined, along with each genre film's historical, political, economic and social context. Each semester an individual genre is selected for study. *3 credits*

COBF 3222 Introduction to Film Production

Principles and techniques of motion picture production, including scripting, cinematography, budgeting, non-synchronous sound, and non-linear digital film editing. Students work in groups to create original film projects. Prerequisite: COBF 2212. *3 credits*

COBF 3223 Studio Television II

Broadening and deepening of students' knowledge of studio techniques and processes, followed by production of an original television program by each student, from concept to videotape recording. Prerequisite: COBF 2223. *3 credits*

COBF 3224 Remote Television Production I

Field digital video production equipment, shooting technique and non-linear digital video editing. Students, working in groups, progress through a series of introductory camera and editing exercises related to electronic field production. Lectures and demonstrations. Prerequisite: COBF 2223. *3 credits*

COBF 3225 Radio Programming and Production

Various current programming philosophies as exemplified by local independent AM and FM station operators: problems in the management of local radio stations, and production techniques for studio and remote broadcasts. Prerequisite: COBF 2215. *3 credits*

COBF 4222 Creative Filmmaking

Students study synchronous sound motion picture production techniques and form film production groups to produce original 5- 10 minute film productions. Prerequisite: COBF 3222. *3 credits*

COBF 4224 Remote Television Production II

Second semester of remote video production. Students, working in groups, prepare and produce an original long form video production taped on location. Prerequisite: COBF 3224. *3 credits*

COBF 5299 Senior Seminar Radio/TV

3 credits

COBF 5698 Senior Seminar in Film

This senior capstone course in film studies for students with basic knowledge of film history, theory, and criticism. The purpose of this course is to investigate the technical, philosophical, and stylistic foundations of film as an art form, and film's social, political, economic, and cultural context. *3 credits*

COGR 1321 Desktop Publishing for Personal Use

Introduction to desktop publishing concepts, system hardware and software, with specific instruction in one desktop publishing program. Students will be qualified to produce publication-quality work in the department's Apple Macintosh laboratory. Intended for casual, personal applications, not for design, computer graphics or advertising art students. *1 credit*

COGR 2111 Introduction to Hypertext Markup Language

Introductory course in the preparation of Hypertext Markup Language (HTML) documents. HTML instructions are embedded in all Web pages and control formatting of page layout, fonts and graphic elements. Students learn HTML codes, conventions and procedures. They create Web pages by typing page content and HTML instructions into a text editor. These pages are posted on the World Wide Web. No experience in graphics or programming is necessary. *1 credit*

COGR 2112 Introduction to Multimedia Communication

An introductory course for students who wish to take multimedia production, three-dimensional modeling or animation courses. Elementary computing and computer graphics terminology, minimum hardware configurations, types of computer graphics and multimedia software, and the relationship of multimedia production to traditional forms of visual communication such as film and television production. Students study critical approaches for evaluating multimedia productions and become aware of the wide variety of multimedia applications. *3 credits*

COGR 2320 Still Photography

Development of visual expression through the use of the still camera. Fundamentals discussed and practiced include optics, film emulsions, composition, lighting and darkroom technique, including developing, printing and enlarging. Students furnish their own 35mm cameras. *3 credits*

COGR 2321 Print Typography and Electronic Publishing

Practical aspects of preparing, planning and producing publications. Includes the fundamentals of typography, type specification, legibility and creative typography, as well as all aspects of electronic publishing, electronic pre-press, color printing, computer graphics software and hardware, input and output devices and post press. *3 credits*

COGR 2322 Introduction to 3D Computer Graphics

Introduction to the wide range of three-dimensional computer graphics applications in broadcasting, business, art and journalism. Concentrating on three-dimensional modeling terminology, software and operations from an artist/manager/buyer perspective. No prior skill in computer programming required. *3 credits*

COGR 2324 Desktop Publishing

Introduction to desktop publishing design, including typography, application of design principles to the desktop environment, and desktop concepts, systems, hardware and software, with particular emphasis on the dominant desktop publishing applications. Scan in and use of art. Basic electronic pre-press theory. *3 credits*

COGR 3112 Multimedia Production

Prepare students to use multimedia authoring software, such as Macromedia Director, for the creation of multimedia presentations used in business, training materials, kiosk displays, computer games and entertainment. Students learn how to prepare and manipulate the basic elements of multimedia, such as digital sound, animation, graphics and text. *3 credits*

COGR 3320 Advanced Photography

Techniques of reporting with a camera. Handling typical news situations and advanced camera techniques. Assignments include detailed photo essays and reporting problems. Students furnish their own 35mm cameras. Prerequisite: COGR 2320 or the equivalent. *3 credits*

COGR 3321 Publication Design

Fundamentals of publication design, including a review of design theory as it relates to contemporary publication design practices. Projects and portfolio work selected according to students' design goals. Course covers newspaper, magazine, advertising and Web page design, and other design situations depending on student needs, resulting in an individualized, comprehensive publication design portfolio. *3 credits*

COGR 3322 Computer Animation

Theory and practice of computer-generated animation. Students produce computer-generated slides and videotape animation. Classic examples of computer-generated animation are screened and discussed extensively. No prior programming skills required. Prerequisite: COGR 2322. *3 credits*

COGR 3323 Presentation Graphics

Introduction to communication of information through visual symbols, including charts and graphics. Presentation, business and information graphics are taught within the context of professional and ethical standards using professional computer systems and software. *3 credits*

COGR 3324 Two-Dimensional Computer Design

Fundamentals of vector draw and raster paint programs, including creation and editing of bezier curves, digital typography, basic digital color theory and applications, creation of artistic effects on the computer, and digital image manipulation. Computer graphics systems and software as they relate to commercial graphic images. (AART 2312 Two-Dimensional Computer Design accepted for communication credit). *3 credits*

COGR 3325 Digital Photography

Introduction to digital photography and image editing software. Students will learn photographic and computer techniques essential for creating computer mediated imagery. The course will cover digital camera operation, photo editing software, desktop scanners and ink jet printing. Digital images will be edited with Adobe PhotoShop. Completed assignments will be posted on the Web and reproduced as color prints and/or 35mm color slides. *3 credits*

COGR 3326 Digital Video Editing for New Media

Introduction to digital video editing. Students learn fundamentals of nonlinear video editing for the World Wide Web, CD-ROM, and DVD applications. They gain hands-on experience in digital video capture and learn industry standard software such as Adobe Premier and Adobe After Effects. Prerequisite: COGR 2322. *3 credits*

COGR 3327 Interactive Animation for the Web

This course focuses on tools and techniques for creating two-dimensional animation and motion graphics for the Web. Students learn how to create GIF animations and how to incorporate them into Web presentations. Students then study interactive vector animation used in creating animated Web menus and Web sites; Web cartoons; television advertisements

and other standalone presentations. Web animation is placed in the larger context of short-form traditional animation. Examples of animation from motion pictures and the Web are studied. (Prerequisites: COGR 2322 Introduction to 3D Computer Graphics). *3 credits*

COGR 5399 Senior Seminar in Computer Graphics: Design, Animation and Multi Media

Visual theory, aesthetics, the history of graphic design, and visual criticism will be synthesized in an individualized final project incorporating the design background of each student. Seminars will critically evaluate various areas of computer graphics relevant to the students. Design portfolios will be required in addition to the major critical/aesthetic project. *3 credits*

COJR 2421 News Reporting

Fundamentals of gathering and writing the news story. News of political, economic and social significance discussed. Prerequisite: COMM 1421. *3 credits*

COJR 2431 American Journalism: The Growth of Free Expression

A survey of the history of American journalism from colonial times to the present. Emphasis is placed on the role of technology in journalistic trends and the development of the profession. The history of advertising and public relations also considered. *3 credits*

COJR 3421 Advanced News Reporting

Advanced news-gathering techniques and investigative reporting, as well as the function of news interpretation. Assessment of contemporary affairs through the interpretive news story and feature story. Prerequisite: COMM 2421. *3 credits*

COJR 3426 Magazine Writing

Examines the U.S. magazine industry from various perspectives (design, editorial, production, management, sales and circulation). Emphasis is placed on researching and writing feature stories for publication. Prerequisite: COMM 1421. *3 credits*

COJR 3428 Publications Editing

Theory and practice of copy editing, page makeup and writing headlines. Preparation of a complete publication for printing. Prerequisite: COMM 1421. *3 credits*

COJR 3430 The Journalistic Tradition (formerly the Classics of American Journalism)

The writings of great American journalists. Many essays and news stories have found their place in history and many journalists have written newspaper articles that are studied today as examples of great writing. Students learn to evaluate critically and appreciate these works. *3 credits*

COJR 3432 (WMST 3432) Women and the Media

Survey of women's participation in the media and the portrayal of women by the media. Critical study of how women have been represented in journalism, film, television and advertising. *3 credits*

COJR 4424 Broadcast News

Writing and producing radio and television news. Students work as newscast teams to produce a 7 minute newscast. Emphasis is on journalistic content and camera presentation. Prerequisite: COMM 1421. *3 credits*

COJR 5499 Senior Seminar Journalism

3 credits

COMM 1670 Introduction to Communication Theory

Students are introduced to the field of communication. Theoretical approaches to all major media, both oral and electronic, are addressed. Special attention is devoted to describing the different ways that symbols generate meaning in each medium. *3 credits*

COMM 1421 Writing for the Media

Introduction to various types of media writing, Associated Press style and copy editing techniques. Special emphasis on research techniques for media writing and on writing styles for print, broadcast, public relations and advertising. *3 credits*

COMM 2134 Media Ethics:

A detailed examination of the process of ethical reasoning and decision making in human communication, incorporating the rhetorical and media ethical perspectives. Students will examine a range of ethical approaches, working towards development of personal ethical standards which will provide them with the basis for ethical conduct in a wide range of professions. Prerequisite: COMM 1101. *3 credits*

COMM 2135 Communication Research Methods

Students are introduced to research in communication, including an overview of contemporary communication research and a survey of research methodologies. Prerequisite: COMM 1101. *3 credits*

COMM 2136 Media Law

Critical evaluation, legal practices and the legal responsibility of the press. Legal problems, including the First Amendment, Libel, Privacy, Intellectual Property, the Communications. Prerequisite: COMM 1101. *3 credits*

COPA 2512 Public Relations I

Introduction to public relations. Academic study of public relations principles and theories, tools and techniques, and ethical and professional standards. Prerequisite: COMM 1421. *3 credits*

COPA 2515 Promotional Writing

Intensive writing practice enables students to explore and experience the style, format and deadline requirements of public relations and advertising writing. Through this course, students reach a professional level of competence in both public relations and advertising writing. Prerequisite: COMM 1421. *3 credits*

COPA 2521 Print Advertising

An introduction to the strategic creative, and economic aspects of advertising in print media, with specific emphasis on the principles of copywriting and design for magazines, newspapers, outdoor and direct mail. Students gain greater understanding

of campaign development and the creative process, along with basic knowledge of research and media planning. *3 credits*

COPA 3521 Broadcasting Advertising

Methods of advertising employed in broadcast media: network, spot and local techniques. Advertising research. Roles of the FTC and FCC. *3 credits*

COPA 3522 Public Relations II

Public relations in practice. Combines lecture and independent research/study. Emphasis on writing. Students develop complete communications program and study editorial services, media relations, creative services, events management and other aspects of the practice of public relations. Prerequisite: COPA 2512, COMM 1421. *3 credits*

COST 1600 Oral Communication

Broad study of the speaking and listening experience. Students perform and evaluate their skills. Voice and articulation and the organization and presentation of ideas. *3 credits*

COST 1610 Dynamics of Human Communication

The processes of intrapersonal and interpersonal communication including perception, message orientation, language-as-symbolic action and verbal and nonverbal interactions. Theories and principles of face-to-face interaction in such contexts as significant to continuing relationships, family and gender. Prerequisite: COST 1600. *3 credits*

COST 2130 Intercultural Communication

Principles and skills required for effective and ethical interaction with diverse others. Emphasis on identity, perception, and community-building. *3 credits*

COST 2612 History of Rhetoric

This course traces the development and growth of Western theories of Persuasion over the past 2500 years. Three major periods — Classical, European, and Contemporary — will provide a general structure for our historical survey. Micro-level (daily) structure is based upon major theorists from each period, e.g. Aristotle, Campbell, Burke, and so on. Students that master this material will have a pluralistic understanding of where rhetorical theory began and what it has become. *3 credits*

COST 2620 Oral Interpretation

Art and development performance techniques for the interpretation of prose, poetry and drama. Prerequisite: COST 1600. *3 credits*

COST 2622 Group Discussion

Effective management of and participation in formal and informal discussion groups whose goals are to investigate, evaluate, solve problems or make decisions. Prerequisite: COST 1600. *3 credits*

COST 2623 Persuasive Speaking

Art of inspiring, convincing and actuating audiences through the use of ethical appeals, both logical and psychological. Prerequisite: COST 1600. *3 credits*

COST 2625 Public and Presentational Speaking

A broad study of the “one-to-many” speaking context with a focus on developing speaking and listening competence. Includes the message organization, speech presentation, vocal and physical delivery of various types of formal and informal speaking situations. *3 credits*

COST 2626 Rhetorical Criticism

Methods of close textural analysis. Multiple perspectives and procedures for assessing how rhetoric works to create, maintain, and oppose social meanings. *3 credits*

COST 5899 Senior Seminar in Communication Studies

This is a capstone course in Communications Studies that encompasses the history, theory and philosophy of communication while focusing on the research literature on the field and providing students with the opportunity to conduct original research in the area of Communication Studies. *3 credits*

COTH 1610 Theatre Practicum

Practical experience working on theatre productions. *1 credit*

COTH 2610 The American Stage

Investigation of plays and theatrical conditions in America from the Hallams to the present regional theaters. The recurring themes and styles of American performers and playwrights. *3 credits*

COTH 2611 The Irish Stage

Investigation of plays and players, playwrights and playhouses from Boucicault to Keane. Concentrates on the birth, growth and development of Dublin’s Abbey Theatre. *3 credits*

COTH 2621 Introduction to the Theater

Investigation of theater as an experience, an immediate art whose meaning is grasped through an understanding of the encounter between those who create theater (performers, writers, directors, designers and technicians) and those who view it (members of the audience). *3 credits*

COTH 2624 Vocal Techniques

Emphasis on development of the speaking voice. Combination of practical and theoretical to help students develop a method for self-improvement. Prerequisite: COST 1600. *3 credits*

COTH 2631 Theater History

Drama and its presentation from the Greek amphitheater to the modern stage. Theories and methods of drama; the players, theatrical conditions, dramatic criticism as it has affected theatrical performances. *3 credits*

COTH 3620 Acting

Methods of building a character as described in the literature on acting. Exercises in vocal and physical control, observation, imagination, concentration and pace. Elementary stage technique and performance department. *3 credits*

COTH 3621 Directing

Methods of directing a play as described in the literature on play direction. Exercises in researching a play, casting, blocking the action, rehearsing, developing timing and pace, and coordinating all elements of a play. Prerequisite: COST 2621. *3 credits*

COTH 3622 Playwriting

Principles of dramatic composition, plot construction, characterization and dialogue are studied through a close, practical analysis of Aristotle’s Poetics, as well as of classic plays. Each student writes a one-act play. *3 credits*

COTH 3623 Lighting for Television, Theater, and Film

Thorough grounding in light sources, instruments and their accessories, and theater and studio layouts. Special emphasis is given to lighting principles and dramatic interpretation in terms of lighting. Students design lighting and develop lighting plans for productions and/or scenes as class projects and outside assignments. Prerequisite: a minimum of one course in theater, TV or film. *3 credits*

COTH 3624 Children’s Theater

Study of drama both with and for children. Students explore the fundamentals of young people’s theater through the eyes of the director/teacher. Drama as a process of learning and as an artistic presentation on the stage. Prerequisite: COST 2621 or education majors. *3 credits*

COTH 3625 Scene Design

Introduction to the principles of modern stage design as influenced by its development in earlier periods: aesthetics, elements, technical. Students engage in design projects and lab assignments. *3 credits*

COTH 3626 Acting II: Classical Styles

Course develops the discipline of stylized acting techniques and explores the history of Greek, Shakespearean and Restoration theater. Prerequisite: COST 3620. *3 credits*

COTH 3627 Theatre in London

A May Intersession course covering British theatre and history culminating in a week long trip to London visiting historic sights and viewing several theatre performances. Usually included are tours to Westminster Abbey, backstage tours of the Theatre Royal Drury Lane, the Houses of Parliament, the British Museum as well as workshops at The Globe Theatre and theatre performances in the West End and with The Royal Shakespeare Company in Stratford-upon-Avon. Particular sights and productions are subject to availability at the time of the trip *3 credits*

COTH 5699 Senior Seminar Theatre

3 credits

COTC 1132 Culture and Communication

Interpretation and analysis of verbal and non-verbal behavior, with an emphasis on intercultural communication. This course examines the personal, social, and cultural functions of communications, the development of language and how cultural conventions, gender and status differences modify meaning and how the media influences our view of ourselves and others. *3 credits*

COTC 2240 Media Criticism

Survey of various methods for analyzing and evaluating mass media. Students learn how to apply critical methodologies to understanding and writing about the mass media. Prerequisite: COMM 1131. *3 credits*

COTC 3191 Independent Study
1 credit

COTC 3192 Independent Study
2 credits

COTC 3193 Independent Study
Projects chosen according to the student's interest. Completed under the guidance of a faculty adviser, with the approval of the department chair. A maximum of 3 credits may be taken in individual research in one semester; none of these courses may be taken in the same semester as COTC 5199. (Open to senior majors only). 3 credits

COTC 3197 Communication Internship I

COTC 3198 Communication Internship II

COTC 4197 Communication Internship III
On-the-job education and experience in New Jersey and New York media organizations, under professional supervision. (Open to selected seniors and juniors). See Internship Director. 3-12 credits

COTC 5199 Senior Thesis
Students select section to meet their needs. Seminar sections: review of research in broadcasting, film, journalism or theater. Students engage in individual and/or group research projects. Thesis section: tools and techniques of research. Each student completes an independent research project (thesis) in consultation with a faculty adviser. Individual research (COTC 3191-3193) may not be taken in the same semester as COTC 5199. (Open to senior majors only). 3 credits

Department of Criminal Justice

Arts and Sciences Hall
(973) 761-9170
artsci.shu.edu/criminaljustice

Faculty: Athens (*Chair*); Launer; Palenski; Robertiello

Faculty Associate: Paitakes (*Co-op Adviser*)

The Department of Criminal Justice offers a program of study which can lead to professional careers in law enforcement, courts, corrections, and other areas relating to crime and justice. The major in Criminal Justice is designed to give students a broad understanding of the operation of the criminal justice system. Graduates from the program may pursue careers in criminal justice, law enforcement, courts, and corrections or undertake graduate professional degrees in areas such as Public Administration and Criminal Justice Administration. A series of internships are offered in both federal and state agencies.

Transfer Students

All transfer students are interviewed before being accepted into the program. Transfer students have one semester to reach the minimum required GPA. Transfer students are required to take at least 18 credits from the Seton Hall criminal justice programs.

Major in Criminal Justice

Program Requirements

In addition to fulfilling the core and credit requirements of the College of Arts and Sciences, degree candidates must complete 48 credits (as follows) and earn a minimum overall GPA of 2.0:

	Credits
Unit I	Required Courses
Unit II	Intermediate Required Courses
Unit III	Criminal Justice Electives
Unit IV	Extra Departmental Electives

Unit I Required Courses (12 credits)

ANTH 1202	Introduction to Cultural Anthropology	12
CRIM 2612	The Criminal Justice System in Modern America	9
PSYC 1101	Introduction to Psychology	18
SOCI 1101	Understanding Society	9

Unit II Intermediate Required Courses (9 Credits)

CRIM 2616	Criminology	3
CRIM 3550	Criminological Theory	3
and either		
CRIM 2910	Research Methodology	3
or		
CRIM 3120	Qualitative Methods of Criminal Justice Research	3

Unit III Criminal Justice Electives (18 credits) Students are required to complete six courses from the following:

CRIM 2613	Victimology	3
CRIM 2614	Police in Modern Society	3
CRIM 2615	Penology	3
CRIM 2617	Juvenile Delinquency	3
CRIM 2618	Community Supervision	3
CRIM 2619	Prosecution and Adjudication	3
CRIM 2912	Criminal Justice Administration and Management	3

CRIM 2913, 2915-2916, 2918-2920		
CRIM 2912-2913, 2915-2916, 2918-2920	Special Issues in Criminal Justice	3
CRIM 3310	Violent Crime	3
CRIM 3894	Criminal Justice Co-op I	3
CRIM 3895	Criminal Justice Co-op II	3
CRIM 3896	Criminal Justice Co-op III	3
CRIM 5986-5987	Special Theoretical Issues in Criminal Justice	3
CRIM 5988	Senior Seminar	3

Unit IV Extra Departmental Electives (9 credits)

Students are to select three of the following courses, with no more than two courses selected from the same department.

AFAM 2311	Public Institutions and the African-American	3
ANTH 1210	Culture and Communication	3

ANTH 1215	Race, Racism and the Meanings of Human Difference	3
POLS 1113	Public Administration	3
POLS 1212	Introduction to American Law	3
PSYC 2214	Abnormal Psychology	3
SOCI 2314	Organizations and Society	3
SOCI 2515	Intergroup Relations	3
SOWK 1314	Social Work and the Law	3

Total: 48

Minor in Criminal Justice

The purpose of a minor concentration in criminal justice is to lead interested students to an understanding of the contemporary criminal legal system, and to supplement and enrich a related major course of study. The minor requires a minimum of 18 credits and is suitable for students majoring in a social science, social work and communication, or those students planning to attend law school or preparing for any career in which a knowledge of the criminal justice system is useful.

Required Courses

CRIM 2612	The Criminal Justice System in Modern America
CRIM 2616	Criminology
SOCI 1101	Understanding Society

Elective Courses

Any two of the following:

ANTH 2222	Case Studies in the Anthropology of Law
CRIM 2613	Victimology
CRIM 2614	Police in Modern Society
CRIM 2615	Penology
CRIM 2617	Juvenile Delinquency
CRIM 2618	Community Supervision
CRIM 2619	Prosecution and Adjudication
CRIM 2912	Criminal Justice Administration and Management
CRIM 2913 2915-2916, 2918-2920	Special Issues in Criminal Justice
CRIM 3894-3896	Criminal Justice Co-op I, II and III
SOCI 2213	Law and the Legal System
SOCI 3815	Deviance and Conformity

Any one of the following:

SOCI 2211	Marriage and Family Life
SOCI 2312	City Life
SOCI 2314	Organizations and Society
SOCI 2513	Social Inequality
SOCI 2515	Intergroup Relations: Race, Ethnicity and Social Class in America
SOCI 2701	Social Change
SOCI 2713	Politics and Society
SOCI 2714	Strategies of Transformation

Police Training Program

A contractual program between Seton Hall University and the New Jersey State Police provides an opportunity for graduates of the State Police Training Academy (up to through the 129th Academy Class) to earn a select number of academic credits during their training. Call (973) 761-9430 for more information. Most of the following courses are restricted to this program:

State Police Program

	Credits	
CRIM 2620	Social Problems for Law Enforcement Officers	3
CRIM 2625	Introduction to Criminal Justice I: Police Practice and Procedures	3
CRIM 2626	Introduction to Criminal Justice II: Criminal Law and Society	3
CRIM 3894	Criminal Justice Co-Op I	3
EDST 1415	Physical Education I	3
EDST 1416	Physical Education II	3
ENGL 1025	Communication for State Police	2
ENGL 1027	Language and Communication for Law Enforcement Officers	3
POLS 2221	Constitutional Law	3
PSYC 1113	Psychology for Law Enforcement Officers	3

Municipal Police Program

CRIM 2620	Social Problems for Law Enforcement Officers	3
CRIM 2626	Introduction to Criminal Justice II: Criminal Law and Society	3
CRIM 5984	Community Experience I	3
EDST 1413	Physical Education for Municipal Police	3

County Police Program

Law enforcement personnel seeking academic credit for the county police academy experience should call (973) 761-9430 to obtain a listing of currently approved academies.

Seton Hall University may grant the following credits to law enforcement personnel who have graduated from approved County Police academies in New Jersey:

	Credits	
CRIM 2620	Social Problems for Law Enforcement Officers	3
CRIM 2625	Introduction to Criminal Justice I: Police Practice and Procedures	3
CRIM 2626	Introduction to Criminal Justice II: Criminal Law and Society	3
CRIM 3894	Criminal Justice Co-Op I	3
EDST 1413	Physical Education for Municipal Police	3
PSYC 1113	Psychology for Law Enforcement Officers	3

Course Descriptions

CRIM 2612 The Criminal Justice System in Modern America

The structure and function of the criminal justice system, including an analysis of values underlying two models of the criminal process. Role of police, constitutional rights, role of the attorney, courts and corrections, operation of the bail system, trial and role of the judge. *3 credits*

CRIM 2613 Victimology

Consideration of victims of crime. Interaction between victim and offender in the criminal encounter, the risks of victimization, victim reactions to crime, the effect of victim characteristics on the legal system and a survey of victim-oriented alternatives to conventional criminal justice. *3 credits*

CRIM 2614 Police in Modern Society

History and changing role of the police. Variety of sociological perspectives used to examine recruitment and socialization of police personnel. Meaning and functions of police work, police community relations, interactions between police departments and other official organizations (courts, prisons, schools, mental hospitals), police malpractice and control over police work. Comparison of police work in other modern societies, evaluation of various strategies for changing the role and structure of police work. *3 credits*

CRIM 2615 Penology

Analysis of different philosophies of treatment and current techniques. Past correctional approaches surveyed to understand the changes made in institutionalized handling of a major social problem. Economic, cultural and political trends as the social setting in which society attempts to fashion a "practical" manner of treatment. *3 credits*

CRIM 2616 Criminology

Examines the phenomenon of crime from a sociological perspective. Meaning of crime; official and unofficial counts of crime; social correlates of crime; lifestyles and behavior patterns of criminals. Critical analysis of various theoretical frameworks for explaining crime. *3 credits*

CRIM 2617 Juvenile Delinquency

Examines patterns of delinquent behavior among youth. The definition and measurement of delinquency; influence of kinship; educational and other institutions on delinquency; social class and sub-cultural influences on delinquency; identification and processing of delinquents by official control agencies. *3 credits*

CRIM 2618 Community Supervision

Study of community release movement in the U.S. Examination of parole and penal systems and their relationship to pre-prison identity and future behavior. Reentry into this system; relationship between self-concept and status passage, and notions of parole and probation success and failure. *3 credits*

CRIM 2619 Prosecution and Adjudication

Examination of middle stages of criminal justice system; prosecutor's decision to charge, pretrial procedures, criminal trial and sentencing. Discussion of central roles, case flow, current developments and defendant's legal rights at middle stage of criminal justice system. *3 credits*

CRIM 2620 Social Problems for Law Enforcement Officers

Examination of social science information and its relationship to perceptual information as applied to the police officer, includes drug abuse and alcoholism, deviant behavior, prejudice and discrimination. Sociocultural change as applied to government, religion, economics, education and the family. Concepts in sociology relevant to police encounters. Ideals and realities of American society as a cause of social problems. Research projects and examinations. *3 credits*

CRIM 2625 Introduction to Criminal Justice I: Police Practice and Procedures

Daily police practices and procedures with emphasis on the theory behind them. Function of state police in criminal justice system fully examined. Historical development of police profession and evolution of customs, rules and laws that regulate group behavior. Importance of police in contemporary society and the role state law enforcement plays in New Jersey government, as well as situational arrest case studies, State Police organization and goals. *3 credits*

CRIM 2626 Introduction to Criminal Justice II: Criminal Law and Society

A comprehensive study of various aspects of criminal law governing New Jersey. Old statutes and common law in comparison to modern principles of the codified laws and procedures. Title 2C is thoroughly examined with emphasis on impartial application of criminal and quasi-criminal laws. Juvenile justice code, drug enforcement code and the fish and game law. An analysis of the U.S. Constitution, fundamental rights guaranteed and the impact of constitutional issues in contemporary society. *3 credits*

CRIM 2910 Research Methodology

Basic exposure to the skills and understanding relied upon in criminological research. Concepts such as validity, reliability, research logic, design development and theory testing are addressed. Students also are exposed to elementary data analysis. Prerequisites: 6 credits from SOCI 1101, PSYC 1101, ANTH 1202 and MATH 1203; or permission of the instructor. *3 credits*

CRIM 2912 Criminal Justice Administration and Management

This course explores criminal justice administration with emphasis on leadership and management perspectives and skills, as well as organizational theory. *3 credits*

CRIM 2913, 2915-2916, 2918-2920 Special Issues in Criminal Justice

Selected topics in criminal justice. *3 credits*

CRIM 3120 Qualitative Methods of Criminal Justice research

Qualitative methods of criminological research, including criminological “field methods” and “ethnography.” Four principle areas: (1) the distinctive logic or philosophy underlying the use of qualitative methods, (2) the different qualitative methods for collecting data, (3) the principal means for qualitatively analyzing data, and (4) criteria for evaluating qualitative research. Prerequisites: Six credits from SOCI 1101, PSYC 1101, ANTH 1202 and MATH 1101 or permission of instructor. *3 credits*

CRIM 3310 Violent Crime

Explorations of the topic of violence from a number of social science perspectives. Particular attention to the “process” of becoming violent, and the policy implications of violent behavior in the United States. *3 credits*

CRIM 3550 Criminological Theory

Major sociological, psychological, psychiatric, biological, as well as interpretative theories of criminal behavior. The assumptions underlying the explanations that these theories offer, the empirical evidence supporting and contradicting them, and the attendant solutions that each implies. The different “images” of the “criminal” and “criminal action” upon which they operate are contrasted with each other, and the criminal law. *3 credits*

CRIM 3894, 3895, 3896 Criminal Justice Co-op I, II, III

Internships or work experience in local, state, or federal criminal justice institutions. (See Co-Op Adviser) *3 credits each*

CRIM 5980-5983 Independent Study In Criminal Justice

Selected topics are explored in conjunction with the guidance and direction of the instructor. In instances where the topics change, additional independent study may be taken for a maximum of 6 credits. *1/2/3 credits*

CRIM 5986-5987 Special Theoretical Issues in Criminal Justice

Instruction in important emerging areas in the field of crime and justice study. Course content and techniques draw on the expertise of researchers and writers across a wide spectrum of interests. Prerequisite: Completion of 30 program credits or permission of the instructor. *3-6 credits*

CRIM 5988 Senior Seminar

A capstone course that consolidates the theoretical and methodological knowledge and skills acquired as a major. Major research report and oral presentation required. *3 credits*

Police Program Course Descriptions

CRIM 3894 Criminal Justice Co-Op I

Internships or work experience in local, state, or federal criminal justice institutions. *3 credits*

EDST 1415 Physical Education I

Physical conditioning and defensive tactics and how they apply to the student’s experience. Various forms of running, freehand exercises, weight training, organized athletics, tumbling and gymnastics. A boxing program reflects students’ reactions under

the stress of physical confrontation. Training extends into hand-to-hand combat and self-defense against various weapons. Examinations and critiques included. *3 credits*

EDST 1416 Physical Education II

Crash injury management and physiology, water self-survival and lifesaving. Learning the structure and functions of the human body to enable the student to better perform physical functions of present-day law enforcement. Emergency care work is emphasized. *3 credits*

ENGL 1025 Communication for State Police

Communications and speech with practical exercises performed in front of a television camera with critiques of the tapes. Interviewing and courtroom testimony. Hostage recovery, public information and police discretion. *2 credits*

ENGL 1027 Language and Communication for Law Enforcement Officers

Grammatical aspects of language and the mechanics of composition of primary importance covering police reporting systems, unity and coherence, and sentence and paragraph structure. Semantics and word content, within the parameters of a meaningful and pragmatic vocabulary. Compositions and assigned readings. *3 credits*

POLS 2221 Constitutional Law

Covers such topics as constitutional issues in contemporary society, situational arrest case studies, drug enforcement code, gaming enforcement, U.S. Constitution, ATRA; with examinations and critiques. *3 credits*

Department of English

Fahy Hall

(973) 761-9388

artsci.shu.edu/english

Faculty: Balkun (*Chair*); Carpentier; Enright; Gevirtz Gray; Grieco (*Assistant Chair*); Jones; Lindroth; Schur; Shea; Stevens; Sweeney; Wargacki; Weisl (*Director of Graduate Studies*); Winsler; Wislocki

Faculty Associates: DasBender; Sanyal; Sperber; Thoms-Cappello

Instructors: Grochowski; Papaccio; Wenzell; Zaleski

Faculty Emeriti: Byrnes; Gallo; MacPhee; McCoy; Paris; Rogers

Department of English Mission Statement

English at Seton Hall is one of the liberal arts and, as such, is devoted to the search for wisdom and understanding. The mission of the Department of English is three-fold: 1) to provide all students with the essential linguistic and literary competency upon which other liberal arts disciplines may build; 2) to develop in all students the ability to think analytically, to read closely and to write well; 3) to provide majors with a broad knowledge and critical understanding of British and American literary traditions, with additional emphasis upon comparative literatures and genres.

The Major in English

The Department of English offers a wide range of courses in English, American and Anglophone literature, as well as in creative and expository writing, language, criticism and film analysis. English courses emphasize the close reading of texts, the study of particular authors and genres, questions of critical theory and method, and the relationship of literary works to their historical periods and other disciplines. The department seeks not only to foster analytical reading and lucid writing but also to stimulate thought about the nature of human experience. In order to be servant leaders, students must be articulate, they must be able to think critically and analytically, and they must have a grounding in humane thought and letters in order to understand the historical and philosophical contexts of today's world.

Apart from such global rewards of studying literature, a degree in English-language literature offers intensive training in skills essential to the contemporary job market: the ability to think critically, to analyze and interpret language, to express ideas clearly and forcefully, to grasp multiple cultural traditions, and to relate texts to other areas of study. Graduates of Seton Hall University's English program have gone on to graduate programs and successful careers in writing and editing, publishing, teaching, law, business and media.

In addition to the English major, the department also offers an English minor and a writing minor, both 18 credits and available to students of any major. At the graduate level, the Department of English offers a Master of Arts designed for present or prospective teachers of English on the secondary or college level, for students contemplating the Ph.D., and for those already involved in careers in publishing, business, writing or media. English majors who qualify for the Dual Degree B.A./M.A. program in English can complete the M.A. degree in one year beyond their B.A. See description below.

Visit the Department of English home page at artsci.shu.edu/English

Major Requirements

To declare an English major, students must have a 2.5 minimum GPA in College English I and II (ENGL 1201 and 1202), or gain permission of the Chair of the Department of English. NOTE: ENGL 1201-1202, 2101-2102, and 2103-2104 count toward the College of Arts and Sciences core, as well as the English major.

Introductory		Credits
ENGL 1201-1202	College English I-II	6
ENGL 2204	Introduction to Literary Studies	3
ENGL 2101-2102	Great Books of the Western World I-II	6
ENGL 2111-2112	British Literature I-II	6
ENGL 2103-2104	American Literature I-II	6

Advanced Electives

Choose 12 credits from four out of five categories in advanced electives below.

Students also pursuing a Writing Minor may not choose Writing as one of the categories.

British (pre-1800)	3
British (post-1800)	3
American	3
Thematic/Comparative	3
Writing	3
ENGL 5011	3
Senior Seminar	3

Total: 42

NOTE: English Education double majors must take the following courses for 9 of the 12 credits in upper-level electives:

- for British pre-1800: ENGL 2312 Shakespeare
- for Thematic/Comparative: ENGL 3412 Special Topics: Adolescent Literature
- for Writing: ENGL 2517 History of the English Language
- English Education majors are also advised to take 3 more credits in advanced writing as a general elective.

English Departmental Honors

English majors may qualify for departmental honors by fulfilling the following criteria. Majors may declare their candidacy at any time up to and including first-semester senior term:

- Maintain a 3.2 GPA in the major
- Take an additional 6 credits in advanced electives, for a total of 48 credits to complete the English major with honors
- Receive a Pass with honors on the English Major Assessment Portfolio
- Senior thesis (from ENGL 5011) must be included in the Assessment Portfolio (in addition to the three revised papers, see below).

English Major Portfolio Assessment

English majors should begin keeping an Assessment Portfolio as soon as they declare their major, which is to be handed in at the end of their senior year to the chair of the Department of English. Portfolios are reviewed by a rotating committee of Department of English faculty. The grading system is pass/fail and appears on the student's transcript; however, failure on the Assessment Portfolio will not affect student's graduation. Pass with honors is reserved for English Departmental Honors students. The Assessment Portfolio may be handed in paper form, in a folder, as well as in electronic form on a disc. The Assessment Portfolios should include:

Three graded papers reflecting the student's best work in the English major from three of the four required advanced elective categories. If the student wishes to include revised papers, the original graded versions must be included as well.

- A comprehensive examination to be given in ENGL 5011, English Seminar
- A written self-assessment (criteria to be handed out in ENGL 5011)

The Minor in English

The English minor gives students of other majors a broad yet thorough introduction to each of the areas of the discipline. It is a valuable addition, enabling students to pursue their majors and career goals with greater literacy, sharper analytical skills and more polished writing skills. Prerequisites: ENGL 1201 and 1202.

Introductory

Any two courses from the following surveys (not necessarily in sequence):

ENGL 2101 or 2102	Great Books of the Western World I or II,	Credits 6
ENGL 2103 or 2104	American Literature I or II,	
ENGL 2111 or 2112	British Literature I or II.	

Any one of the following writing courses:

ENGL 2511	Introduction to Creative Writing	Credits 3
ENGL 2512	Creative Writing: Fiction	
ENGL 2513	Creative Writing: Poetry	
ENGL 2514	Writing Workshop: Research and Analysis	
ENGL 2515	Writing Workshop: Creative Nonfiction	
ENGL 3511	Advanced Composition	
ENGL 3512	Business Writing	
ENGL 3514	Scientific and Technical Writing	
ENGL 3515	Composition Theory and Practice	

Advanced Electives

British		3
American		3
Thematic/Comparative		3

Total: 18

The Writing Minor

The Department of English offers an 18-credit writing minor that is an ideal complement to any major. It is structured to enable students to tailor the minor to suit their own interests, emphasizing creative writing, expository writing, business and technical writing, or a combination of styles. English majors may pursue a writing minor but, except for History of the English Language and the 3 credits of advanced writing required by the major, no other credits earned toward the minor can count toward the major. Prerequisites: ENGL 1201 and 1202.

Required

ENGL 2517	History of the English Language	Credits 3
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Any two of the following courses:

ENGL 2514	Writing Workshop: Research and Analysis	Credits 6
ENGL 2515	Writing Workshop: Creative Nonfiction	
ENGL 3511	Advanced Composition	

Electives

Any three of the following courses:

ENGL 2511	Introduction to Creative Writing	Credits 9
ENGL 2512	Creative Writing: Fiction	
ENGL 2513	Creative Writing: Poetry	
ENGL 3512	Business Writing	
ENGL 3514	Scientific and Technical Writing	
ENGL 3515	Composition Theory and Practice	

(Students may also opt to take all four of the required courses and any two of the elective courses.)

Total: 18

Dual Degree B.A./M.A. Program in English

English majors can complete a Master of Arts in one year beyond their B.A. Students who qualify for admission into the dual degree program will take 12 credits of graduate-level English courses during their junior and senior years. These will apply toward the 42 credits required for completion of the undergraduate major and toward the 30 credits required for the Master of Arts in English. Students can then complete the remaining 18 credits of graduate courses after earning a B.A.

Requirements for Admission

English majors who have completed at least 21 credits in the major with a minimum GPA of 3.2 may apply at any time prior to their senior year. However, students are encouraged to apply in the second semester of the sophomore year, to allow enough time to complete the courses in the junior and senior years. Applicants are not required to take the GRE, but they must complete the graduate application form, and their application must include a transcript, a writing sample and three letters of recommendation from their undergraduate professors, two of whom must be full-time faculty in the Department of English.

Advanced Electives in the Undergraduate Major and Graduate Course Equivalents

These are the graduate courses that students may choose from to count toward the undergraduate upper-level elective requirement of 12 credits in four out of five of the following categories.

(See *Graduate Catalogue* for full course descriptions.)

British (pre-1800), 3 credits:

ENGL 6111 Old English Literature; 6112 Chaucer; 6113 Medieval Drama; 6114 Shakespeare to 1600; 6115 Shakespeare from 1600; 6116 Renaissance Literature; 6117 Renaissance Drama; 6118 17th Century Literature; 6119 Milton; 6121 Dryden, Pope and Swift; 6122 English Drama 1660-1800; 6123 Age of Johnson

British (post-1800), 3 credits:

ENGL 6124 Age of Romanticism; 6125 Victorian Prose and Poetry; 6126 Major British Writers: 1900-1945; 6127 Major British Writers from 1945; 6128 British Poetry of the 20th Century; 6311 The English Novel: Beginnings through the 19th Century; 6313 Modern British Drama; 6314 Modern Irish Drama

American, 3 credits:

ENGL 6211 American Literature: Beginnings through Poe; 6212 The American Renaissance; 6213 American Literature of the Later 19th Century; 6214 Major American Writers: 1900-1945; 6215 Major American Writers from 1945; 6216 Continuity of American Poetry; 6217 African-American Literary Experience

Thematic/Comparative, 3 credits:

ENGL 6010 Introduction to Literary Research. Students are advised to take this course as soon as possible after entering the dual degree program.

Writing, 3 credits:

ENGL 6411 Art and Craft of Writing; 6412 Modern Rhetoric and Writing; 6415 Composition Theory and Practice; 6420 Linguistic History of English

The Writing Center

The Seton Hall University Writing Center is a valuable resource open to all members of the Seton Hall community, providing one-on-one tutoring in prewriting, drafting and revising essays, research papers, theses, resumes, letters, proposals and reports. It is staffed by undergraduate, graduate and professional tutors to assist with every level of writing competence. Tutoring at the Writing Center provides an excellent opportunity for English majors and minors, writing minors, English/education majors, and M.A. students in English who wish to work on campus in a field directly related to their studies. Interested students should contact the Director of the Writing Center at ext. 2183.

Location

The Writing Center is located in Arts and Sciences Hall, ext. 7501. Walk-ins are welcome, but if possible, call or visit to make an appointment. The Writing Center is virtually located for first year students at artsci.shu.edu/english/wc/ Non-freshman students may visit the SHU Online Writing Lab (OWL) at academic.shu.edu/owl/ The OWL is particularly designed for upper-class and graduate students as well as faculty and staff who need writing assistance but who are unable to visit the Writing Center during its normal hours of operation.

Poetry-in-the-Round

Poetry-in-the-Round provides a unique opportunity for Seton Hall students to see and hear the world's foremost writ-

ers, read their works and discuss them informally with students and faculty. Under the shared direction of English department professors David Stevens, John Wargacki and Jeffrey Gray, Poetry-in-the-Round has hosted such distinguished artists as George Plimpton, Derek Walcott, Frank McCourt, Wole Soyinka, Nadine Gordimer, Joyce Carol Oates, June Jordan, Oscar Hijuelos and many others.

Course Descriptions

ENGL 1202 is a prerequisite for all of the following courses:

BRITISH**Introductory****ENGL 2111 British Literature I**

Readings in British Literature from Beowulf to the 18th century. *3 credits*

ENGL 2112 British Literature II

Readings in British Literature from the Romantics through the 20th century. *3 credits*

Advanced (pre-1800)**ENGL 2211 Medieval Literature**

The literature of the Medieval world from the 4th to the 15th centuries. *3 credits*

ENGL 2212 Renaissance Literature

Readings in 16th century poetry and prose. Emphasis on Sir Thomas More, Sidney and Spenser. *3 credits*

ENGL 2213 17th-Century Literature

The "Metaphysical" and "Cavalier" poets, Milton, and selected prose. *3 credits*

ENGL 2214 18th-Century Literature

Prose and poetry from the Restoration to the late 18th century. *3 credits*

ENGL 2311 Chaucer

A close study of the Canterbury Tales, Troilus and Criseyde, and Chaucer's minor poems. *3 credits*

ENGL 2312 Shakespeare

Representative tragedies, comedies and histories; the sonnets. *3 credits*

ENGL 2313 Milton

A close study of Paradise Lost and other poems, plays and prose. *3 credits*

Advanced (post-1800)**ENGL 2215 Romantic Literature**

The poetry of Blake, Wordsworth, Coleridge, Byron, Shelley and Keats against the background of the French Revolution. *3 credits*

ENGL 2216 Victorian Literature

Major poets of the period: Tennyson, Robert Browning, Elizabeth Barrett Browning and Arnold. Novelists such as the Brontes, Dickens, George Eliot and Thomas Hardy. Selections from prose writers such as Carlyle, Mill, Arnold and Pater. *3 credits*

ENGL 2217 Modern British Literature

A survey of early 20th-century British writers such as Conrad, Lawrence, Joyce, Woolf, Mansfield and Forster. *3 credits*

ENGL 2314 Yeats and His World

A study of Yeats's poetry and plays in the setting of his age, including readings of his contemporaries such as Synge and Lady Gregory. *3 credits*

ENGL 2315 Joyce, Lawrence, and Woolf

A close examination of works by three masters of the modernist experimental narrative. *3 credits*

ENGL 2411 The British Novel I

Development of the British novel from its origins in the early 18th century through the Romantic period. Focus on Richardson, Defoe, Fielding and Austen. *3 credits*

ENGL 2412 the British Novel II

A survey of the British novel from the Victorian age to the present. Novels by the Brontes, Dickens, George Eliot, Hardy, Conrad, Forster, Woolf and others. *3 credits*

ENGL 2413 The Drama in Great Britain

A survey of British drama from medieval mystery plays to the present. *3 credits*

AMERICAN**Introductory****ENGL 2103 American Literature I**

Readings of American authors from the colonial period to the Civil War. *3 credits*

ENGL 2104 American Literature II

Readings of American authors from the Civil War to the present. *3 credits*

Advanced**ENGL 2320 Major American Romantics**

A close study of selected works by American Romantic writers such as Poe, Hawthorne, Emerson, Douglass, Whitman and Dickinson. *3 credits*

ENGL 2321 Major American Realists and Modernists

A close study of American fiction and poetry from the late 19th and early 20th centuries, including James, Wharton, Hemingway, Faulkner, Eliot, Pound, Crane and H.D. *3 credits*

ENGL 2417 The American Novel I

Representative works of American novelists prior to 1915, such as Melville, Twain, Cooper, Irving, Stowe and Chopin. *3 credits*

ENGL 2418 The American Novel II

Representative works of American novelists since 1915, such as Cather, Fitzgerald, Hemingway, Faulkner, Bellow, O'Connor, Ellison, Updike and Morrison. *3 credits*

ENGL 2419 The Social Novel in America

Nineteenth and 20th-century novels that explore a variety of social issues endemic to the American way of life. *3 credits*

ENGL 2420 Modern American Poetry

An analytic approach to the works of early 20th-century poets such as Williams, Pound, Eliot, Stein, Moore, Stevens and others. *3 credits*

ENGL 2421 Modern American Drama

Exploring the modernism of O'Neill, the symbolism of Williams, the realism of Miller and others. *3 credits*

ENGL 2423 The American Screenplay

A survey of screenwriters' contributions to American film. Analysis of the major genres with selected screenings. *3 credits*

Cross-Listed Courses in American Literature

Up to 6 credits of cross-listed courses may be accepted for English credit. For descriptions, see Department of African-American Studies course descriptions.

ENGL 2613 Early African-American Literature

ENGL 2614 Modern African-American Literature

ENGL 2615 Major Figures in African-American Literature

ENGL 2616 Contemporary African Literature

ENGL 2617 Literature of the Harlem Renaissance

THEMATIC AND COMPARATIVE**Introductory****ENGL 2101 Great Books of the Western World I**

Literature of the Western tradition from Homer to the Renaissance. *3 credits*

ENGL 2102 Great Books of the Western World II

Literature of the Western tradition from the 17th century to the present. *3 credits*

Advanced**ENGL 2113 (WMST 2113) Women and Literature I**

An exploration of the contributions of women writers to Western literature from the Middle Ages to the 18th century, including an examination of relevant works in cultural history. Cross-listed with Women's Studies for credit toward women's studies minor. *3 credits*

ENGL 2114 (WMST 2114) Women and Literature II

An exploration of the contributions of women writers to Anglo-American literature from the 19th century to the present, including some classic statements of feminist literary theory. Cross-listed with Women's Studies for credit toward women's studies minor. *3 credits*

ENGL 2011 The Short Story

Exploring the structures and themes of short fiction by a variety of British, American and international authors. *3 credits*

ENGL 2013 The Drama

An introduction to drama as a genre with representative plays from Sophocles to the present. *3 credits*

ENGL 2014 Poetry

An introduction to poetry and poetics, covering a variety of poetic genres, traditions, forms and approaches. *3 credits*

ENGL 2410 (CAST 2410) The Bible as Literature

Traditional literary methods will be used to examine symbolism, narrative voice, tone, imagery and characterization, in the context of the historical setting in which the Bible was written. Theological meaning and purpose of the Bible will be discussed as well. Cross-listed with Catholic Studies. *3 credits*

ENGL 2414 Contemporary Fiction

Readings in British, American and international fiction from mid-century to the present. *3 credits*

ENGL 2415 Contemporary Drama

Plays recently in production on and off Broadway. *3 credits*

ENGL 2416 Contemporary Poetry

Trends in poetry from mid-century to the present, including confessional poetry, the Beat Generation, the New York School, poetics of identity, the Black Mountain poets and other. *3 credits*

ENGL 2422 (CAST 2422) Catholic Literature and Film

Examination of the specific Catholic nature of a variety of works of literature and how they are translated into film. Cross-listed with Catholic Studies. *3 credits*

ENGL 2424 The European Screenplay

Screenplays from France, Italy, Germany and Sweden in translation with selected screenings. *3 credits*

ENGL 2426 Literature and Nature

Readings in literature of the natural world by authors such as Thoreau, Mary Austin, Annie Dillard, John McPhee and Barry Lopez, as well as representative selections of ecocriticism. *3 credits*

ENGL 2427 Drama: Classic and Contemporary

A survey of 20th-century drama and innovations in dramatic form. Ibsen, Chekov, Brecht, Beckett, Pinter, Lorca, Churchill and others. *3 credits*

ENGL 2428 Contemporary Literature and Religion

Humanity's spiritual quest in works by Faulkner, Salinger, Flannery O' Connor, Saul Bellow and others. Cross-listed with Catholic Studies. *3 credits*

ENGL 2429 The Psychological Novel

Writers who explore the psyche through dream, memory, interior monologue, and stream-of-consciousness such as Kafka, Woolf, Faulkner, Beckett and others. *3 credits*

ENGL 2430 Satire

A survey of the forms and techniques in satiric texts from Ancient Rome to the 20th century, with emphasis on European and American satires. *3 credits*

ENGL 2431 Women Writers

An in-depth examination of the works of selected women writers. Specific topics will be posted prior to registration. Cross-listed with Women's Studies. *3 credits*

ENGL 3412-3413 Special Topics in Literary Studies I-II

Varying topics such as the works of a particular writer or writers, a type of literature (for example travel, post-colonial, pastoral, etc.), literature and film and others. Topic will be posted prior to registration. *3 credits*

ENGL 5011 Senior Seminar

Capstone course required for all English majors in their senior year, culminating in oral presentations and a significant research paper. *3 credits*

Cross-Listed Courses in Thematic and Comparative

(Up to 6 credits of cross-listed courses may be accepted for English credit.)

ENGL 1611 Greek and Latin Roots of English (CLAS 1313)

For description, see Department of Classical Studies course descriptions.

ENGL 2015 Catholicism and Literature (CAST 2015)

For description, see Catholic Studies course descriptions.

ENGL 2612 Classical Mythology (CLAS 2317, ARCH 2317)

For description, see the Department of Classical Studies course descriptions.

ENGL 3404 U.S. Latina/Latino Literature (SPAN 3401)

For description, see Department of Modern Languages course descriptions.

ENGL 3608-3609 (ASIA 2101-2102) Asian Literature in English Translation I-II

Appreciation of Asian literature. Readings and analysis. Part I: traditional literature (5th century B.C. to 18th century A.D.). Part II: modern literature (19th and 20th centuries). *3 credits each*

ENGL 3610 Existentialism in literature (PHIL 2095)

For description, see the Department of Philosophy course descriptions.

INTERSESSION COURSES

Specially designed 1- and 2-credit courses for short intersession or summer semesters.

ENGL 2105 Poetry of Courtly Love

Focus on the love poem and its sources from the Troubadours and courtly poets, including Dante, Petrarch, Chaucer, Shakespeare and Donne. *2 credits*

ENGL 2316 Poetry of Gerard Manley Hopkins

Readings in this important Victorian poet. Focus on prosody, style, and influence on 20th century poets. *1 credit*

ENGL 2432-2434 Special Topics in Poetry

An intensive study of the work of one poet to be posted prior to registration. *1 credit each*

ENGL 2435-2437 Special Topics in Prose

An intensive study of the work of one prose writer to be posted prior to registration. *1 credit each*

WRITING AND LANGUAGE**First-Year Writing Program Mission Statement**

The First-Year Writing Program provides the initial impulse in a four-year experience with writing and reading at Seton Hall University. Students take on projects that give them the experience of joining a community of writers and thinkers, encouraging them to partake in an extended inquiry - about a topic (or topics) of concern to young adults - which moves from peer-based and familiar to increasingly rigorous, critical and text-based. These projects prepare students not only for academic work but also for participation in the wider community, in each case encouraging them to challenge and interrogate their own and others' texts. Thus, students learn to write for purposes in addition to self-expression and academic analysis and for audiences other than the instructor and other students. In all courses, students are given the tools to develop and reflect on their own writing process, especially by focusing on revision. By the end of College English I, students should possess a common set of key rhetorical concepts and research skills that allow them to approach a wide variety of academic challenges with success. In College English II they will further develop their research skills and learn to appreciate and analyze the three main literary genres: poetry, drama and fiction. Our ultimate goal is for students to leave the program valuing the reading-writing-thinking connection and experiencing it as empowering to themselves as members of the University and active citizens.

Developmental

Note: 0100-0180 courses do not count toward graduation. They are required for students whose scores on placement examinations indicate the need for additional writing and reading instruction prior to, or linked with, ENGL 1201 College English I.

ENGL 0100 English Fundamentals

An intensive first-level course covering the writing process, sentence structure, and grammar in the context of paragraphs and short essays, reading comprehension, and vocabulary development. *3 institutional credits*

ENGL 0150 Skills for Effective Writing and Reading

A developmental writing and reading course designed to increase competence in writing essays and reading comprehension. For ESL and EOP students only. *4 institutional credits*

ENGL 0160 Reading and Writing Workshop

A 3-credit workshop linked with specified sections of ENGL 1201 required for students whose placement examinations indicate the need for additional reading and writing instruction in a focused, intensive environment. *3 institutional credits*

ENGL 0180 Second Language Writing Workshop

A 3-credit workshop linked with specified sections of ENGL 1201 required for second language students who need addi-

tional reading and writing instruction in a focused, intensive environment. *3 institutional credits*

Note: Specially denoted sections of 1201 and 1202 ZES and ZSL are available for students who have learned English as a second language on the advanced level. These courses are identical to regular sections of College English in content, text, instruction, and credits, but they provide additional instruction when necessary to aid non-native English speakers and writers.

Introductory**ENGL 1201 College English I**

Structured exercises in writing and revising short essays based on themes suggested by representative readings. Prerequisite: satisfactory score on required placement test or ENGL 0100 or 0150 as appropriate. *3 credits*

ENGL 1202 College English II

Introduction to literature through representative readings in the three major genres of fiction, poetry, and drama. Training in methods of library research and the mechanics of citation, quotation, and paraphrase in the writing of longer research papers. Prerequisite: ENGL 1201. *3 credits*

ENGL 2204 Introduction to Literary Studies (formerly ENGL 1204)

Study of research techniques, history of the discipline, and introduction to major critical theories. Practice in applying critical discourse to literary texts. Required for all English majors in the sophomore year or as soon as they declare the major. *3 credits*

Advanced**ENGL 2511 Introduction to Creative Writing**

Introduction to writing in several literary genres, including short story fiction, poetry, and creative nonfiction. Not a prerequisite for ENGL 2512 or 2513. *3 credits*

ENGL 2512 Creative Writing: Fiction

Practical exercises in the techniques of composing short stories. Peer reviews and criticism. *3 credits*

ENGL 2513 Creative Writing: Poetry

Practical exercises in the techniques of composing poetry. Peer reviews and criticism. *3 credits*

ENGL 2514 Writing Workshop: Research and Analysis

Exercises and readings in expository prose, culminating in essays that further develop the skills of analysis required in effective writing. Peer review and criticism. (Note: Only one section of Writing Workshop is required for the writing minor.) *3 credits*

ENGL 2515 Writing Workshop: Creative Nonfiction

Reading and writing of analytical essays in a broad range of disciplines (literature, business, science, etc.) Peer review and criticism. (Note: Only one section of Writing Workshop is required for the writing minor.) *3 credits*

ENGL 2516 Linguistics and Modern Grammar

Introduction to the study of language acquisition. Survey of various methods used to teach grammar and syntax, as well as

the values implicit in those methods. Practical application through work in the Writing Center. *3 credits*

ENGL 2517 History of the English Language

The linguistic development of English from its first appearance on the island of Britain to its present function as a world language. *3 credits*

ENGL 3411 Literary Criticism

In-depth study of major critical theories, including classical, romantic, and contemporary discourses. Practice in applying literary criticism to textual analysis. *3 credits*

ENGL 3511 Advanced Composition

Practical techniques in the production of creative nonfiction: personal essay, memoir, travel narrative, review and cultural critique. Peer review and criticism. *3 credits*

ENGL 3512 Business Writing

Communication for the business world, such as letters, resumes, memos, electronic communication, short and long reports. *3 credits*

ENGL 3514 Scientific and Technical Writing

Writing styles for reporting scientific or technical information in formats such as abstracts, reports, manuals, grant proposals, and collaborative writing projects. Cross-listed with the graduate course in Scientific and Technical Writing, ENGL 6414. *3 credits*

ENGL 3515 Composition Theory and Practice

Strategies of teaching writing as a developmental process. Cross-listed with the graduate course in Composition Theory and Practice, ENGL 6415. *3 credits*

Independent Studies and Internships (Co-ops)

Independent studies for English majors require the permission of the professor whose specialization is in the area of the student's interest. In addition to registration for the independent study, a signed form including the topic, reading list, schedule for meetings and due dates for writing assignments must be submitted to the dean of the College of Arts and Sciences.

Introductory

	Credits
ENGL 3091	1
ENGL 3092	2
ENGL 3093	3
ENGL 4093	3

Cooperative Education

Includes internships in publishing, media, education, and many other businesses. For more information see the English department Co-op Advisor or Career Services.

Introductory

		Credits
ENGL 3894	English Co-op I	3
ENGL 3895	English Co-op II	3
ENGL 3896	English Co-op III	3

Department of History

Fahy Hall

(973) 761-9000 ext. 5095

artsci.shu.edu/history

Faculty: Browne; Connell; Greene; Hoffer; Knight; Koenig; Leab; Lurie (*Chair*); McCartin; Matusevich; Molesky; Quinn

Faculty Emeriti: Driscoll; Lewinson; Mahoney; Scholz; Shapiro; Stock; Walz

The Department of History offers programs of study leading to the degree Bachelor of Arts. By presenting the story of human achievements, hopes and frustrations, struggles and triumphs, the department helps the inquiring student to understand this complex world and shape its future.

On the undergraduate level, students majoring in history achieve a background particularly desirable for graduate study and careers in business, law, education and journalism. Students majoring in history acquire an understanding of American culture and institutions that prepares them for careers in these fields.

Among the courses students take at the University, those in history are particularly well-suited to broaden their perspectives and prepare them to live in the present complex world. Most activities and careers of modern life involve aspects that extend beyond national borders. It is essential to understand the past of other peoples to understand their cultures and to work with them.

Under the auspices of the Department of History, the College of Arts and Sciences offers an interdisciplinary undergraduate program that confers a certificate of proficiency in Russian and East European studies in conjunction with a bachelor of arts degree in an academic discipline. Majors also have the opportunity to take History Honors as seniors, to conduct directed Research, enabling majors to graduate with distinction.

Major Program

In addition to meeting the standards and requirements of the College of Arts and Sciences, history degree candidates must complete a minimum of 45 credits in history and 6 credits in allied fields to be distributed as follows:

1. A minimum of 9 credits in introductory courses at the HIST 1000 level. The student may be excused from this requirement by attaining satisfactory scores on appropriate equivalency tests administered by the department. Students interested in qualifying for this exemption must consult their advisers;
2. Introduction to Historical Research HIST 2180 is required of all majors and is normally taken in the semester in which the student first takes advanced courses at the HIST 2000 level. Each major program must include at least 27 credits in advanced courses. A seminar, HIST 5199, must be taken in the senior year. Topics are announced annually;
3. A minimum of 6 credits in advanced American history courses and a minimum of 6 credits in advanced European history courses;

4. A minimum of 6 credits in either introductory or advanced Latin America, or Africa or Asia (selection with approval of history chair); and
5. A minimum of 6 credits in allied fields: economics, political science, psychology, sociology, computer science, statistics or anthropology.

Students are required to meet with their advisers at least once each semester to plan their program in light of their abilities and special interests, and to evaluate progress toward completion of the history degree requirement.

The department recommends that the student acquire competency in at least one foreign language through the third-year level. This is particularly important for students who plan to pursue graduate studies. (The department will not give an unqualified recommendation for graduate studies in history unless the student demonstrates a reading ability in one foreign language equal to that obtained by completion of three years of language study.)

Minor Program

Students majoring in disciplines other than history may elect the 21-credit minor in history. Students find that a minor in history enhances their opportunities for employment, law school or graduate school chances. The requirements are as follows:

- I. 21 credits in history with a distribution of at least one 3-credit course in each of the following areas:
 - A. United States History
 - B. European History
 - C. African, Asian or Latin American
- II. Of the total 21 credits for a history minor, no more than 12 credits may be taken in HIST 1000-level courses.
- III. Of the total 21 credits for a history minor, no fewer than 9 credits are to be taken in advanced courses at the HIST 2000 and above level. This requirement provides the student with an experience in the more chronologically or topically in-depth specialized courses.

Course Descriptions

Many courses may be taken out of sequence; exceptions: HIST 5199 Senior Seminar - prerequisite, HIST 2180 Introduction to Historical Research and HIST 5711 Honors Research - prerequisite, HIST 5199 Senior Seminar.

Introductory

HIST 1201 Western Civilization I

Development of Western civilization from its origins in the Near East to the Scientific Revolution. *3 credits*

HIST 1202 Western Civilization II

Development and expansion of Western civilization from Enlightenment and Industrial Revolution to the present. *3 credits*

HIST 1301 American History I

Colonial America through the end of the Civil War. *3 credits*

HIST 1302 American History II

Reconstruction to the present. *3 credits*

HIST 1401 History of Latin America I

Survey of the development of the New World empires of Spain and Portugal from Pre-Columbian times through independence. *3 credits*

HIST 1402 History of Latin America II

Evolution of societies and nation states from the 1820s to independence. *3 credits*

HIST 1501 (AFAM 1201) History of African Civilization I

Independent developments in African Civilization and the impact those developments have had on human progress. *3 credits*

HIST 1502 (AFAM 1202) History of African Civilization II

Study of the traditional peoples and cultures of Africa; survey of contacts between Africa and the outside world with emphasis on colonialism, decolonization and the independence era. *3 credits*

Advanced General

HIST 2141 History of the Global Economy

A survey of the impact of ideas, technology, culture, and circumstances on the history of the global economy from 1492 to 1992. *3 credits.*

HIST 2170 (CLAS 2322, WMST 2322, ARCH 322) Women in Antiquity

Inquiry into the social, political and legal status of women in ancient Greece and Rome. *3 credits*

HIST 2171 (WMST 2171) Women in Modern Times

History of women and significance of gender in American society from colonial times to the present. *3 credits*

HIST 2180 Introduction to Historical Research

Required of all history majors. Method and rationale of historical research. *3 credits*

HIST 2190 Topics in Interdisciplinary History

To be set by instructor. *3 credits*

HIST 2191 Topics in Comparative History

To be set by instructor. *3 credits*

HIST 2210 The Contemporary World

Sources and events of this revolutionary century that explain the problems and possibilities of the contemporary scene. *3 credits*

HIST 2211 World War I

Surveys the diplomatic, military and geopolitical aspects of the First World War from its preliminaries to its conclusion, giving special consideration to its causes and consequences. *3 credits*

HIST 2212 World War II

Surveys the diplomatic, military and geopolitical aspects of the Second World War from its preliminaries to its conclusion, giving special consideration to causes and consequences. *3 credits*

HIST 2710 Internships

Instruction and work experience in area historical institutions in the custody, care and management of documents, artifacts, and sites. *3 credits*

HIST 3191 Supervised Research in History

Individual reading and research projects. (Open only to junior and senior majors by arrangement with specific instructors). *1 credit*

HIST 3192 Supervised Research in History

Individual reading and research projects. (Open only to junior and senior majors by arrangement with specific instructors). *2 credits*

HIST 3193 Supervised Research in History

Individual reading and research projects. (Open only to junior and senior majors by arrangement with specific instructors). *3 credits*

HIST 5199 Senior Seminar

Capstone course, designed to engage senior history majors in careful study of an historical topic chosen by the instructor. Prerequisite: HIST 2180 Introduction to Historical Research. *3 credits*

HIST 5711 Honors Research

History majors may expand a thesis - typically their Senior Seminar thesis, if they meet the following criteria: maintain a 3.3 GPA in both the History major and overall; complete the Senior Seminar thesis by the Fall semester of the Senior year (based on Spring graduation), and apply by the middle of the semester before. To earn honors the student must receive at least an A minus on the thesis. HIST 5711 will operate as an Independent Study, in which students will work on an individual basis with their research adviser. Prerequisite: HIST 5199 Senior Seminar. *3 credits*

American History**HIST 2319 History of New Jersey**

The state of New Jersey from colonial days to the present. Emphasis on factors having heaviest impact on the state today. *3 credits*

HIST 2341 Colonial America

Survey of the age of exploration and settlement of the English colonies. Includes a discussion of the forms of society, religion and government that developed in the region. Course covers the period from c. 1400 to 1763. *3 credits*

HIST 2342 Revolutionary America

Covers the origins, pattern and consequences of the American Revolution from 1763 to 1790. Includes discussion of major documents such as the Declaration of Independence, Articles of Confederation and the Constitution. *3 credits*

HIST 2351 The New Nation

Origins and development of the American political and economic system and of a distinctively American literature and culture. *3 credits*

HIST 2352 The Jacksonian Era

Politics and thought in the Jacksonian Era, the westward movement, and the development of Manifest Destiny and sectionalism. *3 credits*

HIST 2353 Civil War and Reconstruction

Slavery and sectionalism; causes and character of the Civil War; Reconstruction in its varied aspects. *3 credits*

HIST 2354 The American Frontier

The westward movement in American life. *3 credits*

HIST 2355 The Shaping of Modern America

The rise of industry, agrarian discontent and progressive reform. *3 credits*

HIST 2361 From Wilson to FDR

Intellectual, cultural, social and political developments during the transformation of the United States into an urban nation which turns its back on an agrarian past. This course deals with attempts at reform, Progressivism, the economic impact of global war, the new woman, the Black march from the South, the rise of a national media, corruption and gangsterism, the defeat of indigenous radicalism, the New Era in commerce and industry, prosperity, xenophobia, a new realism in the arts, and the Stock Market crash. *3 credits*

HIST 2362 America in Depression and War 1929-1945

The Great Depression, New Deal and World War II. *3 credits*

HIST 2363 Recent America - Since 1945

Intellectual and social developments, the Cold War, the Black Revolution, Vietnam. *3 credits*

HIST 2365 Italian-American History

Historical change over four centuries in distinctive community established by immigrants. *3 credits*

HIST 2370 U.S. Diplomatic History I

American foreign relations from the Declaration of Independence to U.S. entry into World War I. This course deals with the winning of the peace in 1783, the failure of a policy of neutrality resulting in the War of 1812, the Monroe Doctrine, Manifest Destiny and its early results, relations between the United States and various Latin American and European countries during the latter half of the 19th century, American imperialism, the Open Door, Dollar Diplomacy, and U.S. entry into World War I. *3 credits*

HIST 2371 U.S. Diplomatic History II

The foreign relations of the United States during a century of conflict and change. This course deals with American diplomacy at the end of World War I, isolation, the Good Neighbor policy, the challenges to the dictators, the response to World War II, atomic diplomacy, the Cold War, détente, American global hegemony and the challenges to it. *3 credits*

HIST 2372 Economic History of the United States

Economic development of the United States from colonial origins to contemporary position as a world power. *3 credits*

HIST 2373 Labor in Modern America

American workforce (native-born, immigrant, minority, women, children) from the 1880s to the present, with emphasis on the legal, social and political forces that shaped labor in the United States. *3 credits*

HIST 2374 The Immigrant in American Life

Ethnic minorities in the development of American life. *3 credits*

HIST 2375 (AFAM 1213) African-American History I

Course explores the experience of African-Americans from the medieval West African kingdoms of Ghana, Mali and Songhay through the trans-Atlantic slave trade to enslavement in the colonial era and nineteenth century and finally emancipation in the Civil War. Topics of gender, class, and black resistance will be explored within that chronological framework. *3 credits*

HIST 2376 (AFAM 1214) African-American History II

The interaction between black and white society in the United States and the nature of black society and cultures from 1865 to post World War II. *3 credits*

HIST 2378 Social and Intellectual History I

Crosscurrents of thought and social change in American history from the colonial era to 1865. *3 credits*

HIST 2379 Social and Intellectual History II

American thought and society since 1865. *3 credits*

HIST 2380 History of Urban America

The role of the city in American life. *3 credits*

HIST 2381 American Legal History I

Introduction to the development of law in America from the origin of English common law and its reception in the English colonies to the 20th century United States, with emphasis on the political, social, and economic factors influencing this development. *3 credits*

HIST 2382 American Legal History II

Introduction to the development of law in the United States in the twentieth century. *3 credits*

HIST 2383 Law and Social Change Modern America

The development and impact of legal institutions on U.S. history. *3 credits*

HIST 2386 American Military History

Development of American military institutions, policies, experiences and tradition in peace and war from colonial times to the present. *3 credits*

HIST 2387 The Catholic Church in the U.S.

Role of Catholics and the Church in the United States from colonial beginnings to the recent past, focusing on internal developments and on relations with the wider society. *3 credits*

HIST 2388-2389 Film and History I-II

Mass media view of specific historical subjects in the context of the development of American society between 1894 and the present, utilizing historical materials as well as feature films. *6 credits*

HIST 2390-2393 Topics in American History

To be set by instructor. *3-12 credits*

European History**HIST 2183 (CLAS 2304, ARCH 2304) Historians of Greece and Rome**

Selected readings and interpretation of Greek and Roman historiography. Social and political character of ancient historiography, as well as the historical criticism and viewpoint of each author. *3 credits*

HIST 2220 (CLAS 2319, ARCH 2112) Greek Civilization

Rise of Hellenic culture from its genesis in the Aegean Bronze Age, the major interactions of the city-states in the 6th and 7th centuries, the Classical Period and its decline. *3 credits*

HIST 2221 (CLAS 2320, ARCH 2113) Roman Civilization

Investigation of the tension between individual liberty and the traditional power of state and society, and of the political and social institutions that maintain social cohesion in a complex society. *3 credits*

HIST 2230 (CAST 2230) Europe in the Middle Ages

Formation of medieval civilization in the so-called Dark Ages and its transformation between the 11th and 14th centuries. *3 credits*

HIST 2233 (CAST 2233) Dante and His World

The history of the Middle Ages through a reading of Dante Alighieri's *Divine Comedy*. *3 credits*

HIST 2234 (CAST 2234) Medieval Italy

This course treats the history of Italy from the early Middle Ages to the Council of Trent. Emphasis is placed on the dramatic changes in peoples, state institutions, religion, the economy and society that occurred during these centuries. The abiding and sometimes determinant role of geography in Italian history is a subject that receives particular attention. All areas of the peninsula are discussed, with special attention to relations between peripheral or provincial areas and cultural or administrative centers. Major intellectual, religious, social and political developments are explored through primary and secondary readings, and a mixture of lecture and class discussion. *3 credits*

HIST 2235 (CAST 2235) Modern Italy

This course treats the history of Italy from the Baroque Age down to contemporary events. Emphasis is placed on the dramatic changes in peoples, state institutions, religion, the economy and society that occurred during these centuries. The abiding and sometimes determinant role of geography in Italian history is a subject that receives particular attention. All areas of the peninsula are discussed, with special attention to relations between peripheral or provincial areas and cultural or administrative centers. Major intellectual, religious, social and political developments are explored through primary and secondary readings, and a mixture of lecture and class discussion. *3 credits*

HIST 2236 (CAST 2236) Catholicism, Tradition & Reform Since 1500

This course focuses on how Catholics confronted historical change and interpreted tradition within the context of several significant shifts in the history of the modern West. Major topics include Catholics' relationship to: the Protestant Reformation in the 1500s; the Enlightenment and its scientific and intellectual revolutions in the 1600s and 1700s; the democratic political revolutions of America and Europe in the 1700s and 1800s; the industrial and technological revolutions of the 1800s and 1900s; and the globalization of Christianity in the twentieth century. *3 credits*

HIST 2240 The Renaissance and Reformation

Beginning of modern Europe as the renewal of trade is followed by rediscovery of the ancient world, discovery of the New World, changes in art, literature and thought and the division of Christianity by the Protestant movement. *3 credits*

HIST 2242 The French Revolution and Napoleon

Intellectual ferment of the enlightenment, through the upheaval of the revolution and its despotic aftermath. *3 credits*

HIST 2243 History of Britain and Empire I

Restoration of Charles II in 1660 to the Reform Bill in 1832. *3 credits*

HIST 2246 Kievan Rus' and Muscovy

From the origins of the Russian nation to Peter the Great. *3 credits*

HIST 2250 Western Europe in the 19th Century

Flaws and failures, as well as the accomplishments, between 1815 and 1914, when Europe reached a preeminent place in the world. *3 credits*

HIST 2252 History of Modern France

Developments in France from the fall of Napoleon to the present. *3 credits*

HIST 2253 History of Britain and Empire II

The Reform Bill of 1832 to the present. *3 credits*

HIST 2254 Early Modern Ireland

Political, economic, and social history of Ireland from the Treaty of Limerick in 1691 to the Great Famine of the 1840s. *3 credits*

HIST 2256 History of Imperial Russia

Historical legacy of the Russian imperial period from the reign of Peter the Great to Russia's entry into World War I. *3 credits*

HIST 2257 East Central Europe

Political evolution and social and economic development of modern Poland and Danubian Europe from 1700 to present. *3 credits*

HIST 2260 Western Europe in the 20th Century

Since 1914, European civilization has been in a permanent condition of crisis and alarm. Examination of individual tragedies, speculating about their origins and consequences. *3 credits*

HIST 2264 (CAST 2264) Modern Ireland

Examination of the forces of Ireland's recent past that account for her present condition. *3 credits*

HIST 2265 History of Germany, 1848 to Present

Comprehensive survey of Germany beginning with its political and economic modernization, through the world wars of the 20th century to the present. *3 credits*

HIST 2266 History of 20th Century Russia

Russia since 1917. *3 credits*

HIST 2276 The Transformation of Russia, 1894-1932

Russia's development from a traditional agrarian society under the Tsars to a major industrialized power under totalitarian rule. *3 credits*

HIST 2290-2293 Topics in European History

To be set by instructors. *3 credits each*

Geography**GEOG 1111 (ENVL 1111) Fundamentals of Geography**

Geography as a periodic relationship between the physical environment and life. Elements of the natural environment and their influences on human cultural activities. *3 credits*

GEOG 1112 Principles of Human Geography

Several patterns of economic, social and political adjustment that people make to their various habitats; environmental factors as they relate to people are considered. *3 credits*

GEOG 2111 (ANTH 2228) Principles of Political Geography

Analysis of physical and cultural factors in political areas throughout the world. Emphasis on the influence these factors exert on political organization and behavior. *3 credits*

African, Asian, Latin American**HIST 1601 (ASIA 3102) History of Traditional Asia**

Survey of the historical development of major Asian civilization (ancient Near East, India, China, Japan and Korea), primarily pre-modern. *3 credits*

HIST 1602 (ASIA 3103) History of Modern Asia

Asian history and culture from the 19th century to the present. *3 credits*

HIST 2268 Middle East in the 20th Century

From the collapse of the Ottoman Empire to the Arab-Israeli conflict. Nationalistic movements and the role of the Great Powers and the U.N. in the area. *3 credits*

HIST 2385 Social History of American Medicine

Surveys medical education, medical practice, therapeutics, nursing, the hospital, topics in public health and relates the past to contemporary medical and health issues. *3 credits*

HIST 2466 History of Puerto Rico

People of Puerto Rico, their history and culture, and their relationship with Spain, Latin America and the United States. *3 credits*

HIST 2490 Topics in Latin American History

To be set by instructors. *3 credits*

HIST 2551 (AFAM 2218) History of Southern Africa

Development of African and European societies in Southern Africa. Special emphasis on the beginnings of white settlement and the evolution and institutionalization of apartheid. *3 credits*

HIST 2552 (AFAM 2216) History of Western Africa

Primary forces that have shaped the political, cultural and social development of the area. *3 credits*

HIST 2553 (AFAM 2217) History of East and Central Africa

Internal and external factors that have helped shape the history of the area. *3 credits*

HIST 2554 (AFAM 2219) History of North Africa

Topics in North African history: the pre-Arab era, Arabization and Islamization; Ottoman rule, North Africa since the Napoleonic invasion. *3 credits*

HIST 2561 (AFAM 2222) 20th Century Africa

Evolution of Africa from dependent colonial status to sovereign states in the international political arena, and the role and impact of these states on world global politics. *3 credits*

HIST 2621 (ASIA 3127) History of Traditional China

For description, see ASIA 3127. *3 credits*

HIST 2622 (ASIA 3129) History of Traditional Japan

For description, see ASIA 3129. *3 credits*

HIST 2651 (ASIA 3128) History of Modern China

For description, see ASIA 3128. *3 credits*

HIST 2652 (ASIA 3130) History of Modern Japan

For description, see ASIA 3130. *3 credits*

HIST 2686 (ASIA 3132) Contemporary Japan

For description, see ASIA 3132. *3 credits*

Italian Studies Program

Walsh Library, Room 324
(973) 275-2928

Faculty: Bénétteau; Booth; Connell (*Director*); Milewski; Nichols; Savastano

The Italian Studies Program offers all Seton Hall students an integrated, interdisciplinary approach to the language, history and culture of the Italian people. Italy was defined as a nation in cultural terms long before it achieved a political definition as a state. An understanding of Italy and the Italian people therefore requires an especially thorough appreciation of Italian literary and cultural achievements during an exciting history that has spanned more than 1,500 years and several continents. The Italian Studies program offers an excellent opportunity to study the effects of dramatic change on a people whose experiences were crucial in shaping European culture, while also creating new communities and local cultures for themselves in America and around the world.

The Italian Studies program capitalizes on Seton Hall's unique resources, which include the Joseph M. and Geraldine C. La Motta Chair in Italian Studies, which sponsors a lecture series and a scholarship; the Charles and Joan Alberto Italian

Studies Institute, which organizes conferences and coordinates Italian and Italian American initiatives throughout the University; the Valente Family Italian Studies Library, with a study room on the third floor of Walsh Library; and the University Archives, which house detailed records from the historically important Italian-American communities of New Jersey.

Italian Studies courses offer Seton Hall students a unique opportunity to explore a rich and stimulating culture, while also preparing themselves for careers in the global marketplace.

Language and Literature (At least 6 credits to satisfy requirement for the Minor).

ITAL 1001-1002	Elementary Italian I-II
ITAL 1101-1102	Intermediate Italian I-II
ITAL 1201-1202	Advanced Italian I-II
ITAL 2101	Conversational Italian I
ITAL 2211-2212	Italian Civilization I-II
ITAL 2213-2216	Special Topics in Italian Civilization
ITAL 2301-2302	Survey of Italian Literature
ITAL 2303-2304	Modern Italian Literature I-II
ITAL 2311-2312	Contemporary Italian Prose
ITAL 2313	The Italian Renaissance
ITAL 2314	Manzoni and the Historical Novel
ITAL 2315	The Italian Theater
ITAL 2316	Italian Cinema
ITAL 2321	Dante's Commedia I
ITAL 2322	Dante's Commedia II
ITAL 3391-3392	Studies in Italian Literature I-II

Art (At least 3 credits to satisfy requirement for the Minor)

ARTH 1113	Italian Art of the Renaissance
ARTH 1114	Leonardo and Michelangelo
ARTH 1115	Baroque and Rococo Art

History (At least 3 credits to satisfy requirement for the Minor)

ANTH 2412	Anthropology of Religion
HIST 2233	Dante and his World
HIST 2234	Medieval Italy
HIST 2235	Modern Italy
HIST 2240	The Renaissance and Reformation
HIST 2365	Italian American History.

Other Courses (counting toward Minor).

ITST 3192	Special Topics in Italian History
ITST 3193	Special Topics in Italian Art History and Music
ITST 3194	Special Topics in Italian Language and Literature
MUHI 1119	History of Opera

The Italian Studies Minor

Faculty and Italian Studies Committee Members: Bénétteau, Booth; Connell (*Director*), Milewski; Nichols; Savastano

The Italian Studies Minor (21 credits) offers outstanding preparation for graduate school, or a career in international business, diplomacy, teaching, social work and the law. Recent

graduates of the Italian program have established careers in finance, tourism and the fashion industry, and some have gone on to the best law schools in the United States. Students with majors in any field are encouraged to consider the advantages of a minor program that provides focused attention on the history, language, and culture of a country and people whose experiences continue to be fundamental in shaping the modern world.

Minor Requirements

21 credits of study are required to complete the Italian Studies Minor. Students must take at least 6 credits in Italian language and literature, at least 3 credits in Italian art history, and at least three credits in Italian history. Proficiency in the Italian language at the intermediate level is also a requirement. (This will be demonstrated either by the completion of ITAL 1101 and 1102, or by completing an upper-level course conducted in Italian.)

Courses

Language and Literature (At least 6 credits to satisfy requirement for the Minor).

ITAL 1001-1002	Elementary Italian I-II
ITAL 1101-1102	Intermediate Italian I-II
ITAL 1201-1202	Advanced Italian I-II
ITAL 2101	Conversational Italian I
ITAL 2211-2212	Italian Civilization I-II
ITAL 2213-2216	Special Topics in Italian Civilization
ITAL 2301-2302	Survey of Italian Literature
ITAL 2303-2304	Modern Italian Literature I-II
ITAL 2311-2312	Contemporary Italian Prose
ITAL 2313	The Italian Renaissance
ITAL 2314	Manzoni and the Historical Novel
ITAL 2315	The Italian Theater
ITAL 2316	Italian Cinema
ITAL 2321	Dante's Commedia I
ITAL 2322	Dante's Commedia II
ITAL 3391-3392	Studies in Italian Literature I-II

Art (At least 3 credits to satisfy requirement for the Minor)

ARTH 1113	Italian Art of the Renaissance
ARTH 1114	Leonardo and Michelangelo
ARTH 1115	Baroque and Rococo Art

History (At least 3 credits to satisfy requirement for the Minor)

ANTH 2412	Anthropology of Religion
HIST 2233	Dante and his World
HIST 2234	Medieval Italy
HIST 2235	Modern Italy
HIST 2240	The Renaissance and Reformation
HIST 2365	Italian American History.

Other Courses (counting toward Minor)

ITST 3192	Special Topics in History
ITST 3193	Special Topics in Art History and Music

ITST 3194	Special Topics in Italian Language and Literature
MUHI 1119	History of Opera

Department of Mathematics and Computer Science

Arts and Sciences Hall

(973) 761-9466

mathcs@shu.edu

artsci.shu.edu/mathcs

Faculty: Bénétéau; Burke; Costa; Gao; Gross; Guerin; Guetti; Kim; Marlowe; Masterson; Minimair; Morazan; Saccoman; Schoppmann; Wachsmuth (*Chair*); Washburn

Faculty Associates: McNeill; Minacapelli; Rohrbach; Sethi

For further information, please refer to the departmental Web page at artsci.shu.edu/mathcs/, send e-mail to mathcs@shu.edu or call the department at (973) 761-9466.

The Department of Mathematics and Computer Science offers programs of study leading to the degrees Bachelor of Science in Mathematics and Bachelor of Science in Computer Science.

The department aims to develop students' analytical skills and attitudes necessary for the effective understanding and application of mathematics and computer science.

A variety of program options are available for undergraduates majoring in mathematics or computer science. Students' programs are determined in consultation with a faculty adviser from the department and tailored to each undergraduate's career goals. With the proper choice of electives, students will be prepared to enter teaching, industry or graduate study in mathematics, computer science, business, law or medicine.

Programs for undergraduates majoring in secondary education with mathematics as a teaching field are determined in consultation with a faculty adviser from the Department of Educational Studies in the College of Education and Human Services, as well as the Department of Mathematics and Computer Science.

Departmental Honors

The Department of Mathematics and Computer Science offers the opportunity for students to graduate with departmental honors in mathematics and/or computer science. The requirements for departmental honors include a GPA and credit requirement, as well as the completion of a capstone project under supervision of a faculty member.

Students who wish to graduate with departmental honors in Mathematics:

- must have 3.3 GPA in major courses numbered 3000 or above, including CSAS courses used to satisfy major requirements, a 3.0 overall average GPA, and must have taken at least 60 credits at Seton Hall;

- must complete three full-year sequences, including both Algebra (MATH 3815-4815) and Analysis (MATH 3515-4515) sequences; and
- must complete a capstone project (ordinarily through a thesis developed for Senior Seminar (MATH 4912)), under supervision of a department faculty member. This requirement may be satisfied in conjunction with the thesis requirement in the Humanities Honors Program and is in addition to the 47- credit mathematics major requirement. Students who wish to graduate with departmental honors in computer science:
- must have a 3.3 GPA in major courses numbered 3000 or above, including MATH courses used to satisfy major requirements, a 3.0 overall average GPA, and must have taken at least 60 credits at Seton Hall;
- must complete two additional electives in mathematics or computer science at the 3000 level or above, in addition to the 55-credit computer science major requirement. Only courses that count toward a major in mathematics or computer science or toward a certificate in computer science can be used to satisfy this requirement. Courses taken to satisfy a mathematics minor requirement cannot simultaneously be used to satisfy the Honors requirement; and
- must complete (1) a concentration in a computer science specialization, together with a capstone project related to the concentration, such as a coding or design project with appropriate documentation, or a survey paper, under supervision of a department faculty member; or (2) satisfactorily complete a major software project, including coding, testing and debugging, documentation, and demonstration. This project may originate within a course, and may be part of a team project, or may be a result of a co-op, directed study, or independent study.

Major in Mathematics

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete the requirements listed below. All programs are worked out in consultation with a department adviser who may modify the program in view of the student's background and objectives. All programs must be approved by the department.

Course Number	Course Title	Credits
MATH 1501, 1511	Honors Calculus I and II	8
MATH 1611	Introductory Discrete Mathematics	3
MATH 2511	Honors Calculus III	4
MATH 2611	Foundations of Higher Mathematics	3
MATH 2813	Linear Algebra	4
MATH 3515	Analysis I	4
MATH 3815	Algebra I	4
MATH 3912	Junior Seminar	2
	At 3000-level or higher*	15
Total:		47

*Includes two upper-division sequences (courses at the 3000-level or higher) leading to the study of some subjects in depth. At least one of these electives must complete a sequence in algebra (MATH 3815, 4815) or analysis (MATH 3515, 4515). Sequences in discrete mathematics, statistical analysis or others chosen with departmental permission are possible. Students majoring in mathematical education should see their adviser for specific recommendations on elective courses.

Major in Computer Science

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete the requirements listed below. All programs are worked out in consultation with a department adviser who may modify the program in view of the students' backgrounds and objectives. All programs must be approved by the department.

		Credits
Freshman Year		
CSAS 1111-1112	Introduction to Computer Science I-II	8
MATH 1501, 1511	Honors Calculus I-II	8
MATH 1611	Introductory Discrete Mathematics	3
Sophomore Year		
CSAS 2121-2122	Computer Systems I-II	8
MATH 2611	Foundations of Higher Mathematics	3
MATH 2813	Linear Algebra	4
Junior-Senior Year		
CSAS 3111	Operating Systems and Computer Architecture	3
CSAS 3112	Data Structures and Algorithm Analysis	3
CSAS 3113	Organization of Programming Languages	3
<i>Four of the following:</i>		
CSAS 3211	Networks and Networking	3
CSAS 3212	Computer Graphics Programming	3
CSAS 4111	Introduction to Artificial Intelligence	3
CSAS 4112	Design and Analysis of Algorithms	3
CSAS 4113	Automata, Computability and Formal Languages	3
CSAS 4114	Theory of Programming Languages	3
CSAS 4116	Software Engineering	3
CSAS 4115	Theory of Relational Databases	3
CSAS 4912	Senior Project	3
Total:		55

Minor in Mathematics

Students planning to minor in mathematics must contact the department chair in order to have an adviser assigned to them for this program. A minimum GPA of 2.3 must be maintained in this program.

		Credits
MATH 1501, 1511	Honors Calculus I-II	8
MATH 1611	Introductory Discrete Mathematics	3
MATH 2511	Honors Calculus III	4
MATH 2611	Foundations of Higher Mathematics	3
MATH 2813	Linear Algebra	4
3000-level	Sequence in Mathematics	6-7
Total:		28-29

Minor in Computer Science

Students planning to minor in computer science must contact the department chair in order to have an adviser assigned to them for this program. Students in this program must maintain a minimum GPA of 2.3.

		Credits
CSAS 1111-1112	Introduction to Computer Science I-II	8
CSAS 2121-2122	Computer Systems I-II	8
CSAS 311X	One 3000-level course in Computer Science	3
MATH 1501-1511	Honors Calculus I-II	8
MATH 1611	Introductory Discrete Mathematics	3
Total:		30

Course Descriptions

CSAS 1015 Computer Science Essentials

General overview of the many facets of computer science and information technology: Data, hardware, software, networks. System software including operating systems and programming environments. Software engineering; program development using data structures, algorithms, files, and databases. Exposure to other topics and issues in computer science, such as data compression, security, theory of computation, computational complexity. Prerequisites: MATH 0012 or appropriate placement. *3 credits*

CSAS 1111 Introduction to computer Science I

Problem solving using computers. The design and implementation of computer programs. Major areas and issues in computer science including social and ethical concerns. Problem solving and pseudocode. Formal specification and verification. Basic software engineering techniques and software reuse. Data structures. Structured types: arrays, records, files. Objects and methods. Programming in a high-level language, such as C++ or Java. Corequisite: MATH 1015. *4 credits*

CSAS 1112 Introduction to Computer Science II

Major issues, areas, and applications of computer science. Data structures and algorithms. Linked lists, trees and graphs. Stacks, queues, and heaps. Object-oriented programming. Problem solving and software engineering. Algorithm design, induction, recursion, and complexity. Social, economic, and ethical concerns. Programming in a high-level language, such as C++ or Java. Prerequisite: CSAS 1111. Corequisite: MATH 1501/1401. *4 credits*

CSAS 1113 Computing for Science Majors

A course in programming in C++ with emphasis on applications to the sciences and to numeric algorithms. Basics of software development (variables, control structures, functions), data structures (records, arrays, lists), dynamic structures (pointers, linked lists) and principles of object-oriented programming (fields and methods, classes, inheritance). The course will focus on creating programs for topics of interest in the natural sciences. Prerequisite: CSAS 1111. Corequisite: MATH 1015 or equivalent. *4 credits*

CSAS 2121 Computer Systems I

Computer architecture. Hierarchies of language, memory, and architecture. Circuits and devices. Introduction to finite-state machines and regular expressions. Registers, machine language, and microcode. Introduction to assembly language programming. Data and numeric representation. Prerequisites: MATH 1511/ 1411, CSAS 1112. MATH 1611 recommended. *4 credits*

CSAS 2122 Computer Systems II

The memory hierarchy. External devices and files. File organizations, system-provided and user-designed; multikey organizations. Data structures, dynamic programming, and induction. Recursion and complexity. Files and databases. Software engineering issues. Social and ethical concerns. Prerequisite: CSAS 2121. MATH 1611 recommended. *4 credits*

CSAS 2213 The UNIX Operating System and the C Language

Using the UNIX environment, shells and customization, UNIX tools. Low-level language features, in C or C++, including I/O and file manipulation, and explicit pointers and structures; compilation. Combining C and UNIX. Introduction to systems programming. The Perl language and systems features. Pipes, sockets and processes. Prerequisite: One year of programming. *3 credits*

CSAS 2214 Java and Network Programming

Object-oriented programming principles. Java libraries, including awt and swing. The Graphical User Interface, animation and multithreading. Exceptions and advanced error-handling techniques. Client-server programming, database interfaces, overview of common client/server applications and techniques. Prerequisite: CSAS 1112 or the equivalent. *3 credits*

CSAS 3094 Computer Science Co-op I

See Co-op Adviser. *3 credits*

CSAS 3095 Computer Science Co-op II

See Co-op Adviser. *3 credits*

CSAS 3096 Computer Science Co-op IIISee Co-op Adviser. *3 credits***CSAS 3111 Operating Systems and Computer Architecture**

Interdependence of operating systems and architectures. System structure and system evaluation. Emphasis on memory management: addressing, virtual memory, paging, segmentation and secondary storage; processes management: scheduling, context switching, priority, concurrency and deadlock; and resource management: memory, secondary storage, buses and printers. Prerequisite: CSAS 2122. *3 credits*

CSAS 3112 Data Structures and Algorithm Analysis

Advanced programming techniques. Mathematical and formal tools for data structure and algorithm analysis. Data structures, design and analysis of algorithms. Representation and complexity. Applications. Prerequisites: CSAS 2122, MATH 1611. *3 credits*

CSAS 3113 Organization of Programming Languages

Introduction to principles of programming languages and non-procedural, non-object-oriented programming. Programming language concepts, including higher-order functions, first-class functions, recursion, tail-recursion and iteration, tree-recursion; issues of pure versus impure languages in relation to performance, implementation and ease of abstraction; environments, parameter passing, and scoping. Structure, the syntax, and implementation of languages, illustrated using interpreters. Emphasis on programming in a language such as Scheme or Prolog; individual programming assignments and team project. Prerequisite: CSAS 2122. *3 credits*

CSAS 3211 Networks and Networking

Principles of computer and networking. The layered model of a computer network and its implementation. Standard protocols. Applications. Mathematical principles and theory. Team and individual programming projects. Prerequisite: CSAS 2122 or permission of instructor. *3 credits*

CSAS 3212 Computer Graphics Programming

The course CSAS 3212 is an introduction to computer graphics, with an emphasis on applications programming. This course will cover topics which form the basis for computer graphics applications programming, such as, graphics computer architectures and software, application programmer's interface, interactive programs, geometric objects and their transformations, viewing with a computer, shading of objects, pixel-oriented techniques, implementation of a renderer, curves and surfaces and visualization of scientific data. Graphics programs will be developed using a high-level programming language such as C++ or Java, and an application programmer's interface, such as OpenGL or Java 3D. Prerequisites: 2812 and CSAS 2121. *3 credits*

CSAS 4071-4072 Directed Software Development(See department chair) *1 credit***CSAS 4072 Directed Software Development**(See department chair) *1 credit***CSAS 4081-4086 Special Topics in Computer Science**

Special topics and problems in various branches of computer science. Prerequisites: At least five CSAS courses, including CSAS 2122, or permission of chair. *1-3 credits*

CSAS 4091-4096 Independent Study in Computer Science

Prerequisites: At least five CSAS courses, including CSAS 2122, or permission of chair. *1-3 credits*

CSAS 4111 Introduction to Artificial Intelligence

Different definitions of and approaches to artificial intelligence. Problems, problems spaces and search techniques; special emphasis on heuristic search, including hill climbing, best-first search and A*. The role of knowledge and knowledge representation issues. Programming and AI application. Introductory survey paper. Prerequisites: CSAS 3113, MATH 2611. *3 credits*

CSAS 4112 Design and Analysis of Algorithms

Analysis of the complexity and validity of algorithms for the solution of problems in graph theory, combinatorics, systems programming, artificial intelligence and other fields. Randomized algorithms and amortized analysis. NP-completeness and undecidability. Prerequisite: CSAS 3112. *3 credits*

CSAS 4113 Automata Computability and Formal Languages

Introduction to the theory of finite state automata and their equivalence to regular expressions and regular grammars; push-down automata and context-free languages; context-sensitive grammars and Turing machines; determinism and nondeterminism; issues of complexity including P and NP; and issues of computability including Turing computable versus Turing decidable, the Halting problem and other incomputable problems. Prerequisites: CSAS 2122, MATH 2611. *3 credits*

CSAS 4114 Theory of Programming Languages

Advanced topics in programming languages are introduced such as compilation, garbage collection, interfacing compiled and interpreted code, virtual machine design, lexical addressing, lazy evaluation, and code optimization. The interaction of programming languages and the physical machine on which they are implemented. Significant programming project and introductory survey paper. Prerequisite: CSAS 3113. *3 credits*

CSAS 4115 Theory of Relational Databases

Modern relational databases. Relational algebra, views and queries, normal forms and normalization, tuning and optimization. The entity-relationship model and database design. Overview of other approaches, especially object-oriented databases, data warehouses and data mining, distributed databases and very large applications. Group project, both design and implementation, in an SQL-based environment, such as Access or Oracle. Prerequisites: CSAS 2112, MATH 1611 or permission of department chair. MATH 2611 recommended. *3 credits*

CSAS 4116 Software Engineering and Object-Oriented Development

Principles of software engineering; classical and object-oriented approaches. Large-scale application design. UML, use cases, class and sequence diagrams, and related notations. Phases of a project. From OO analysis to OO design and OO develop-

ment. Libraries, reuse, and reengineering. Management of large-scale projects. Testing, validation, and verification; introduction to formal methods. A large-scale group project, from requirements through implementation and test design. Prerequisite: CSAS 2122 or permission of the instructor. *4 credits*

CSAS 4912 Senior Project

Student completes and presents a major project in computer science. Course is ordinarily taken Spring semester of the student's last year, based on a proposal submitted in the previous two semesters, approved by the department, and supervised by a director and a second reader. The project typically involves programming and/or research, and both written and oral presentations. Prerequisites: Senior standing with a 2.8 average, or permission of department chair. *3 credits*

Courses in Mathematics

Placement information: The Department of Mathematics and Computer Science has established placement procedures to place students in mathematics courses commensurate with their skill level and to ensure a level of mathematical proficiency that can be expected from graduates of Seton Hall University.

Students are placed into categories according to the math portion of their SAT scores. A student can then take any course within that category or any lower category. A student can place into a higher category by taking the (optional) Mathematics Placement Exam. Transfer students should contact the department chair before registering for any mathematics courses.

Category I

Math 0011 and Math 0012 (Developmental Mathematics, institutional credit only)

Category II

Any math course up to Math 1299 excluding Math 1015

Category III

Any math course up to Math 1399

Category IV

Any math course up to Math 1501 excluding Math 1411.

Students with a high level of mathematics preparation may place above Math 1401/1501 or receive credit for Math 1303 or Math 1401/1501 if (a) they passed the AP Calc Exam with a score of 4 or 5, or (b) they passed a "Project Acceleration High School" Calculus course with an A or B. Please see the department chair if you wish to place higher than Math 1401/1501. For details on the mathematics placement procedures, please visit: artsci.shu.edu/mathcs/placement/

Please note: The prerequisites listed below are strictly enforced. A student who has not completed the prerequisites will not be permitted to remain in a course or receive course credit. For all courses listed with two numbers, such as MATH 3612-3613, the first course is prerequisite to the second.

MATH 0011 Developmental Mathematics I

Integers, fractions, decimals, ratio, percentage and elementary word problems. *2 institutional credits*

MATH 0012 Developmental Mathematics II

Simplifying algebraic expressions, exponents, equations, polynomials, graphing, factoring, square roots, algebraic fractions and elementary word problems. Prerequisite: MATH 0011 or appropriate placement. *3 institutional credits*

MATH 1011 Sabermetrics

Introduces students to the rapidly growing field of sabermetrics, the science of statistics applied to baseball. Demonstrates application of statistical measures to the game. Students gain insight into the interpretation and validity of statistical measures. Prerequisite: MATH 0012 or appropriate placement. *1 credit*

MATH 1014 Intermediate Algebra

The real number system, algebraic manipulations, solving equations and inequalities, exponents and radicals, functions and graphing. Prerequisite: MATH 0012 or appropriate placement. *3 credits*

MATH 1015 Pre-Calculus Mathematics Algebra and Trigonometry

The real number system, functions, polynomial functions and equations, exponential and logarithmic functions, trigonometric functions (graphs, applications, identities and equations), analytic geometry. Prerequisite: MATH 1014 or appropriate placement. *4 credits*

MATH 1101 Statistical Concepts and Methods

Nature of statistics. Descriptive statistics, graphical methods, measures of central tendency and variability. Probability, correlation and regression, sampling distributions. Inferential statistics, estimation and hypothesis testing, tests of independence and nonparametric statistics. Use of computer statistical packages. Prerequisite: MATH 0012 or appropriate placement. *3 credits*

MATH 1102 Mathematical Perspectives

Introduction to traditional and contemporary mathematical ideas in logic, number theory, geometry, probability and statistics. Historical and cultural development of these topics, as well as connections to other disciplines and various problem-solving strategies are included. Prerequisite: MATH 0012 or appropriate placement. *3 credits*

MATH 1112 Mathematical Perspectives II

Selected topics from set theory and number theory. Algebra, Geometry and right triangle Trigonometry. Counting Methods, Probability and Statistics. Prerequisite: Any 1000-level MATH course or appropriate placement. *3 credits*

MATH 1202 Mathematical Models in the Social Sciences

For students in the behavioral sciences. Various elementary mathematical techniques (exclusive of statistics) currently used in the field. Computer terminal facilities aid instruction and acquaint students with the employment of subroutines to solve problems. Topics from linear programming, graph theory, matrix algebra, combinatorics, logic and Boolean algebra. Specific and realistic applications to problems illustrate each topic. Prerequisite: MATH 0012 or appropriate placement. *3 credits*

MATH 1203 Statistical Models for the Social Sciences

Applications of statistics in the social sciences. Analysis and interpretation of statistical models. Sampling techniques, common flaws and errors in sampling and in using statistics. Descriptive statistics, levels of measurement, measures of central tendency and dispersion. Contingency tables and measures of association for categorical variables. Correlation and linear regression. Probability and frequency distributions. Parametric and nonparametric inferential statistics. Confidence intervals and hypothesis testing. Prerequisite: MATH 0012 or appropriate placement. *3 credits*

MATH 1303 Quantitative Methods for Business and Economic Students

Functions, limits, continuity, derivatives applications of the derivative, in particular to mathematical economics. Exponential and logarithmic functions. Antiderivatives, area and applications to business models. Probabilities and applications. Matrices and an introduction to linear programming. Prerequisite: MATH 1014 or appropriate placement. *3 credits*

MATH 1311 Calculus for Business and Economic Students II

Implicit differentiation, related rates, differential equations, improper integrals and probability density functions, partial derivatives and applications and multiple integrals. Introduction to matrix theory, solution of systems of linear equations and linear programming. Prerequisite: MATH 1303. *3 credits*

MATH 1401 Calculus I

Real numbers, functions, elements of plane analytic geometry, limits, continuity, derivatives, differentiation of algebraic functions, applications of the derivative, antiderivatives, definite integral and Fundamental Theorem of Calculus. Applications using computer software packages. Prerequisite: MATH 1015 or appropriate placement. *4 credits*

MATH 1411 Calculus II

Applications of integration. Differentiation of trigonometric and exponential functions and their inverses. Techniques of integration. Improper integrals, indeterminate forms, polar coordinates and vectors. Applications using computer software packages. Prerequisite: MATH 1401. *4 credits*

MATH 1501 Honors Calculus I

Real numbers, proof by induction, functions, definition by recursion, limits, continuity, derivatives and applications, definite integral, Fundamental Theorem of Calculus and inverse functions. Applications using computer software packages. Emphasis on theory. Prerequisite: MATH 1015 or appropriate placement. *4 credits*

MATH 1511 Honors Calculus II

Applications of integration, polar coordinates, techniques of integration, infinite series, conics, two-dimensional vectors and differential equations. Applications using computer software packages. Emphasis on theory. Prerequisite: MATH 1501. *4 credits*

MATH 1611 Introductory Discrete Mathematics

Basic counting rules, permutations, combinations, Pigeonhole principle, inclusion-exclusion, generating functions, recurrence relations, graphs, digraphs, trees and algorithms. Corequisite: MATH 1511. *3 credits*

MATH 2111 Statistics for Science Majors

Oriented toward direct application to research problems in the sciences. Collecting and organizing data, design of experiments, statistical tests and procedures used in accepting or rejecting a given hypothesis. A discursive treatment of the probability theory necessary to understand statistical tests is included but minimized. Emphasis on statistical inference and developing an awareness of statistical methods in a given situation. Prerequisite: MATH 1411. *4 credits*

MATH 2411 Calculus III

Elements of solid analytic geometry, parametric equations, vector-valued functions, partial differentiation, multiple integrals, line integrals and surface integrals. Applications using computer software packages. Prerequisite: MATH 1411. *4 credits*

MATH 2511 Honors Calculus III

Vectors in space, vector-valued functions, partial differentiation, multiple integrals, vector analysis, and line and surface integrals. Applications using computer software packages. Emphasis on theory. Prerequisite: MATH 1511. *4 credits*

MATH 2611 Foundations of Higher Mathematics

The logical and set-theoretic foundations of mathematics and computer science. Introduction to mathematical logic and proof techniques. Elementary set theory, including numbers, sets, relations, functions, equivalence classes, partial orders, Boolean algebras and cardinality. Prerequisites: MATH 1511 and MATH 1611. *3 credits*

MATH 2813 Linear Algebra

Matrix algebra, determinants, solutions of systems of linear equations, \mathbb{R}^n , abstract vector spaces, linear transformations, inner product spaces and eigenvectors. Prerequisites: MATH 2611. *4 credits*

MATH 3094 Math Co-op I

See Co-op Adviser. *3 credits*

MATH 3095 Math Co-op II

See Co-op Adviser. *3 credits*

MATH 3096 Math Co-op III

See Co-op Adviser. *3 credits*

MATH 3111 History of Mathematics

The development of mathematical ideas in various cultures, civilizations, and eras including Ancient Greece, Medieval China, the Renaissance, Era of Descartes and Fermat, Era of Newton and Leibniz, Modern Mathematics. Prerequisite: MATH 2511 and MATH 2611. *3 credits*

MATH 3513 Introduction to Numerical Analysis

Direct and iterative methods for solving equations and systems of equations. Numerical methods, including interpolation, polynomial approximations, numerical differentiation and integration. Numerical solution to differential equations. Knowledge of computer programming helpful. Prerequisite: MATH 2511. *3 credits*

MATH 3514 Differential Equations

Existence theorems, graphical methods, phase plane analysis, boundary value problems and selected topics. Prerequisites: MATH 2511, MATH 2813. *3 credits*

MATH 3515 Analysis I

Structure of \mathbb{R}^1 and \mathbb{R}^n ; compactness and connectedness; continuity, differentiability and integrability in \mathbb{R}^n . Prerequisites: MATH 2411 or 2511; MATH 2813. *4 credits*

MATH 3611 Introduction to Operations Research

Construction and use of mathematical models in operations research. Classical techniques for optimization of functions of one and several variables. Linear programming problem and simplex method for their solutions. Applications to practical problems. Prerequisites: MATH 2511, MATH 2813. *3 credits*

MATH 3612-3613 Discrete Mathematics I and II

Explores problem-formulation and solution strategies in widely varying domain. Allows mathematics majors familiarity with area range and techniques in computer science structures and analysis, and modeling in other fields. Underlying construction and models used in various disciplines and the modeling process. Prerequisites: MATH 2511, MATH 2813. *3 credits each*

MATH 3711-3712 Statistical Analysis I and II

Probability spaces, random variables, sampling, the law of large numbers, central limit theorem, confidence intervals and tests of hypotheses, regression, statistical decision theory, sampling from a normal population, testing hypotheses, experimental design and analysis of variance. Other sampling methods. Prerequisites: MATH 1611, MATH 2511. *3 credits each*

MATH 3813 Number Theory

Unique factorization and its applications, congruency, quadratic reciprocity and diophantine equations. Other topics as time permits. Prerequisite: MATH 2611. *3 credits*

MATH 3814 Linear Algebra and Matrix Theory

Vector spaces and algebras, unitary and orthogonal transformations, characteristic equation of a matrix, the Jordan canonical form. Bilinear, quadratic and Hermitian forms. Spectral theorem. Prerequisite: MATH 2813. *3 credits*

MATH 3815 Algebra I

Introduction to algebraic structures: monoids, groups, rings and fields. Examples are given, and the elementary theory of these structures is described. Prerequisite: MATH 2813. *3 credits*

MATH 3911 Geometry

Possible topics include Euclidean geometry, non-Euclidean geometry, projective geometry, transformation geometry, complex geometry. Prerequisites: MATH 2511, MATH 2611. *3 credits*

MATH 3912 Junior Seminar

Seminars and discussions designed to integrate readings of mathematical literature with both oral and written presentations. Prerequisites: MATH 3515 or 3815. *2 credits*

MATH 4091-4092 Topics in Applied Mathematics I and II

Topics chosen from among operations research, optimization, including an introduction to the calculus of variations, combinatorics, discrete mathematics, Fourier analysis, integral equations, partial differential equations. Students acquire some experience at constructing mathematical models. Prerequisites: MATH 2511, MATH 2813. *3 credits each*

MATH 4092 Topics in Applied Mathematics II

Topics chosen from among operations research, optimization, including an introduction to the calculus of variations, combinatorics, discrete mathematics, Fourier analysis, integral equations, partial differential equations. Students acquire some experience. *3 credits*

MATH 4093-4098 Independent Study in Mathematics

Prerequisite: permission of department chair. *2-3 credits*

MATH 4511 Introduction to Real Analysis

Sets, equivalence, countability, infinite series, metric spaces; complete, compact, connected spaces, sequences and series of functions and uniform convergence. Prerequisite: MATH 3512. *3 credits*

MATH 4512 Introduction to Complex Analysis

Analytic functions, elementary functions and mappings, integrals, Cauchy's integral theorem and formula, power series, residues and poles. Prerequisite: MATH 2511. *3 credits*

MATH 4515 Analysis II

Consequences of continuity, differentiability and integrability in \mathbb{R}^n ; uniform convergence; introduction to metric spaces. Prerequisite: MATH 3515. *3 credits*

MATH 4815 Algebra II

This course continues MATH 3815. Further properties of groups and fields, with a section on the applications of finite fields. Concentrates on Galois theory, the theory of the solution of algebraic equations. Prerequisite: MATH 3815. *3 credits*

MATH 4911 Introduction to Topology

Topological spaces, subspaces, product spaces, identification spaces. General convergence. Connected and compact spaces. Separation and countability. Compactifications. Prerequisite: MATH 3515. *3 credits*

MATH 4912 Senior Project

Individual research project applying skills developed in Junior Seminar (MATH 3912) under the guidance of faculty adviser. Grade is ordinarily based on oral and written presentations. Prerequisites: MATH 3912 and permission of department chair. *3 credits*

MATH 5011-5019 Mathematics Seminar

Special topics and problems in various branches of mathematics. Prerequisite: permission of department chair. *3 credits each*

Department of Modern Languages

Fahy Hall
(973) 761-9464
artsci.shu.edu/modlang

Faculty: Allen; Alvarez-Amell; Bénéteau; Espinosa-Dominguez; Lopez-Cortina; Escobar; Mullen-Hohl; Pastor; Rodriguez; Romani; F. Smith (*Director of Language Services*); Zalacain (*Chair*)

Faculty Associate: Kuchta

Faculty Emeriti: Jovicevich; Prisco; Sarkanich; D. Smith; Sys

The Department of Modern Languages offers programs of study in French, German, Italian, Russian and Spanish, leading to the degree of Bachelor of Arts. Students are strongly encouraged to attend our summer study abroad programs: For Italian, at the University of Pisa, in Pisa, Italy; for French, at the Sorbonne, in Paris, France; and for Spanish at the University of Alicante, in Alicante, Spain. Semester and year-long programs can be arranged through the Office of International Programs.

Incoming Freshman will have the opportunity to take an online placement test in the foreign language they wish to study. Other students may take a similar test through the Language Laboratory for a language that they have previously studied.

The department offers primary majors in French, Italian, Spanish, or in modern languages (a combination of two of the following languages: French, German, Italian, Russian, or Spanish). Students in each of the majors are required to complete 42 credits in courses above the elementary level. Students beginning their major at a level higher than intermediate or advanced may waive three or six credits with the permission of the department. Those majoring in modern languages will complete 24 credits in a major language and 18 in a secondary language, all credits above the elementary level. The department also offers secondary majors. Students that elect to have either French, Italian or Spanish as a secondary major will complete 36 credits in courses above the elementary level. Students who elect modern languages as a secondary major have the same requirements as in a primary major, 24 credits in a major language and 18 credits in a secondary language.

Major Program

The sequence of courses for a primary major in French, Italian, or Spanish language is as follows:

Intermediate I-II (courses numbered 1101-1102) 6 credits

Advanced I-II (courses numbered 1201-1202) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in conversation, film, special topics, civilization, business or literature. 30 credits

Total 42

Or

The sequence for Heritage learners of Spanish is as follows:

Intermediate Spanish for Hispanics
(courses numbered 2401-2402) 6 credits

Advanced Spanish for Hispanics
(courses numbered 2501-2502) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in, film, special topics, civilization, business or literature. 30 credits

Total 42

The sequence of courses for a major in Modern Languages, a combination of any two of the following languages: French, German, Italian, Russian, or Spanish, is as follows:

Language A

Intermediate I-II
(courses numbered 1101-1102) 6 credits

Advanced I-II (courses numbered 1201-1202) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in conversation, film, special topics, civilization, business or literature. 12 credits

Or

The sequence for Heritage learners of Spanish is as follows:

Intermediate Spanish for Hispanics
(courses numbered 2401-2402) 6 credits

Advanced Spanish for Hispanics
(courses numbered 2501-2502) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in film, special topics, civilization, business or literature. 12 credits

Language B

Intermediate I-II
(courses numbered 1101-1102) 6 credits

Advanced I-II (courses numbered 1201-1202) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in conversation, film, special topics, civilization, business or literature. 6 credits

Or

The sequence for Heritage learners of Spanish is as follows:

Intermediate Spanish for Hispanics
(courses numbered 2401-2402) 6 credits

Advanced Spanish for Hispanics
(courses numbered 2501-2502) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in, film, special topics, civilization, business or literature. 6 credits

Total 42

**It is possible, with special permission of the Department and the Dean, to major in Modern Languages with 24 credits in French, German, Italian, Russian or Spanish, and 18 in languages taught in the Department of Asian Studies (Chinese and Japanese), or Classical Studies (Latin and Greek).*

Secondary Major: The Department also offers secondary majors in French, Italian, or Spanish. Students in each of the secondary majors are required to complete 36 credits in courses above the elementary level. (The requirements for a secondary major in **modern languages** are the same as for the primary major, 42 credits in courses above the elementary level).

The sequence of courses for a **secondary major in French, Italian or Spanish** is as follows:

Intermediate I-II (courses numbered 1101-1102) 6 credits

Advanced I-II (courses numbered 1201-1202) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in conversation, film, special topics, civilization, business or literature. 24 credits

Total 36

Or

The sequence for Heritage learners of Spanish is as follows:

Intermediate Spanish for Hispanics (courses numbered 2401-2402) 6 credits

Advanced Spanish for Hispanics (courses numbered 2501-2502) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in, film, special topics, civilization, business or literature. 24 credits

Total 36

Minor Program

The Department offers minors in French, German, Italian, Russian, or Spanish. 18 credits above the elementary level in either language are required to complete a minor. The sequence of courses for a minor is as follows:

Intermediate I-II (courses numbered 1101-1102) 6 credits

Advanced I-II (courses 1201-1202) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in, conversation, film, special topics, civilization, business or literature. 6 credits

Total 18

Or

The sequence for Heritage learners of Spanish is as follows:

Intermediate Spanish for Hispanics (courses numbered 2401-2402) 6 credits

Advanced Spanish for Hispanics (courses numbered 2501-2502) 6 credits

Language, culture, or literature electives above the advanced level: Students may choose from courses in film, special topics, civilization, business or literature. 6 credits

Total 18

**Students beginning their minor at a level higher than intermediate or advanced may satisfy the minor requirements with 18 credits in language, culture, or literature electives above the advanced level. Students may choose from courses in conversation, film, special topics, civilization, business or literature.*

**Please Note: Greek and Latin courses can be found under the Department of Classical Studies.*

Course Descriptions

French Language

FREN 1001-1002 Elementary French I-II

Fundamentals of grammar. Emphasis on pronunciation and syntax. Competence in aural and oral aspects of the language are stressed in addition to reading and writing. *3 credits each*

FREN 1011-1012 Elementary Interactive French I-II

Intensive oral drills and laboratory activities, including computer assisted instruction. Reinforces the material covered in French 1001-1002. Taken simultaneously with FREN 1001-1002. *1 credit each*

FREN 1101-1102 Intermediate French I-II

Review of the essentials of grammar, vocabulary building, conversation and composition. Reading of modern prose. Prerequisite: FREN 1002 or equivalent, department placement test or permission of the department. *3 credits each*

FREN 1111-1112 Intermediate Interactive French I-II

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in French 1101-1102. Taken simultaneously with FREN 1101-1102. *1 credit each*

French Culture and Civilization

FREN 1201-1202 Advanced French I-II

Seeks to broaden and enhance existing linguistic and intellectual skills through cultural studies involving advertising, cinema, journalism, short stories, plays and poetry. Emphasis on oral discussion, reading and writing. Review of selected grammatical structures. Prerequisite: FREN 1102 or equivalent. *3 credits each*

FREN 2101 Conversational French I

Conversation based on topics of everyday life and cultural interests. Prerequisite: FREN 1202 or may be taken simultaneously with FREN 1201-1202. *3 credits*

FREN 2213-2216 Special Topics in French Civilization

Issues of current interest to the study of French civilization. Varying topics focus on regions, periods, and less frequently taught aspects of France and French speaking countries. Conducted in French. Prerequisite: FREN 1102 or currently enrolled in FREN 1102. *3 credits each*

FREN 3212 French Civilization I

Artistic, geographical, historical, literary and social background of France. Conducted in French. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 3213 French Civilization II

A more extensive study of the artistic, geographical, historical, literary and social background of France, with special emphasis on 20th-century developments. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 4111-4112 Business French Correspondence I-II

Basic training in French business and technology using examples drawn from everyday life: banking, postal and telecommunications, word processing, computing, the Internet, conducting a job search, examining different aspects of the working world, advertising, buying and selling, managing and investing money. Students will be required to discuss materials from French newspapers, journals and business reports in French and learn to write in French business style. Prerequisite: FREN 1201-1202 or permission of department. *3 credits each*

French Literature**FREN 3301 Introduction to French Literature I**

Selections from major works of the Middle Ages and the Renaissance, including La Chanson de Roland, Tristan et Iseut, Les Lais of Marie de France, the poetry of Francois Villon, Rabelais' Gargantua, Montaigne's Essais, as well as poetry by Marot, Du Bellay and Ronsard. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 3302 Introduction to French Literature II

Reading and discussion of novels, plays and poems from the 18th, 19th and 20th centuries, such as Diderot's Le Neveu de Rameau, Provost's Manon Lescaut, Beaumarchais' Le Mariage de Figaro, Marivaux's Le Jeu de l'amour et du hasard, Constant's Adolphe, Hugo's Hernani, Baudelaire's Fleurs du mal, Duras' Moderato Cantabile, Giraudoux's Amphitryon and surrealist poetry. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 3894 French Co-op I

See Co-op Adviser *3 credits*

FREN 3895 French Co-op II

See Co-op Adviser *3 credits*

FREN 3896 French Co-op III

See Co-op Adviser *3 credits*

FREN 4311 16th Century French Literature

Study and discussion of the great works of the French Renaissance. Close reading of Rabelais' and Montaigne's writings and extensive analysis of the poetry of La Pleiade. Conducted in French. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 4312 17th Century French Literature I

Selected plays by Corneille, Racine and Molière that demonstrate the development of classicism and the emergence of tragedy and comedy as genres. Study of La Fontaine's Fables and La Rochefoucauld's Maximes morales. Conducted in French. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 4313 17th Century French Literature II

The evolution of the genres of tragedy and novel are analyzed in Racine's theater and Madame de Lafayette's masterpiece, La Princesse de Clèves. Close reading of Perrault's Contes. Conducted in French. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 4314 18th Century French Literature I

Readings from the major works of Voltaire and Montesquieu and the Enlightenment. Conducted in French. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 4315 18th Century French Literature II

Close readings of works by Diderot, Rousseau and Buffon as well as an in-depth analysis of the Enlightenment and its legacy. Conducted in French. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 4316 19th Century French Literature I

Study of Romanticism and the development of the novel, theater and poetry as represented in works by Chateaubriand, Constant, Hugo, Musset and Stendhal. Conducted in French. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 4317 19th Century French Literature II

Examination of the literary movements of Realism, Idealism, Naturalism, Symbolism and Modernity through close readings of texts by Balzac, Flaubert, Baudelaire, Rimbaud, Mallarmé and Zola. Conducted in French. Prerequisite: FREN 1202 or permission of department. *3 credits*

FREN 4318 20th Century French Literature I

Analysis of innovative narrative techniques in Proust's A la Recherche du temps perdu, Gide's Les Faux-Monnayeurs and Breton's surrealist novel Nadja. Exploration of the surrealist movement in art, poetry and prose; the interaction between Giono's regional novel and film; and Claudel's theater. Conducted in French. Prerequisite: FREN 1202 or permission from department. *3 credits*

FREN 4319 20th Century French Literature II

Study of existentialism in Sartre's theater and prose; Robbe-Grillet's nouveau roman; women writers: de Beauvoir and Duras; the theater of the absurd as exemplified in Ionesco's works; modernism and postmodernism in Beckett's poetry, prose and theater; film as novelistic foil or independent genre. Conducted in French. Prerequisite: FREN 1202 or permission from department. *3 credits*

FREN 4320 French Drama I

Detailed examination of the great century of theater (the 17th), through analysis of comic and tragic genres represented by the major playwrights of this century: Corneille, Racine and Moliere. Conducted in French. Prerequisite: FREN 3302 or permission from department. *3 credits*

FREN 4321 French Drama II

Special study of Romantic dramatists such as Victor Hugo and Musset. Conducted in French. Prerequisite: FREN 3302 or permission of department. *3 credits*

FREN 4391-4393 Studies in French Literature I-III
*3 credits each***FREN 4392 Studies in French Literature II**
*3 credits***FREN 4393 Studies in French Literature III**
*3 credits***German Language****GERM 1001-1002 Elementary German I-II**

Fundamentals of grammar. Pronunciation and syntax. Competence in aural and oral aspects are stressed in addition to reading and writing. *3 credits each*

GERM 1101-1102 Intermediate German I-II

Review of the essentials of grammar, vocabulary building, conversation and composition. Reading of modern prose. Prerequisite: GERM 1002 or equivalent department placement test or permission of the department. *3 credits each*

German Culture and Civilization**GERM 1201-1202 Advanced German I-II**

Seeks to broaden and perfect existing language skills. Review of selected grammatical structures. Emphasis on reading, writing and oral discussion on contemporary cultural issues. Prerequisite: GERM 1102 or equivalent. *3 credits each*

GERM 2101 Conversational German I

Oral use of the language; conversation based on topics of everyday life as well as of cultural interest. Prerequisite: GERM 1202 or taken simultaneously with GERM 1201-1202. *3 credits*

GERM 2111-2112 Business German I-II

Improvement of all language skills and their application and interpretation in business situations. Prerequisite: GERM 1202 or permission of department *3 credits each*

GERM 2113-2114 Scientific German I-II

Readings in general chemistry and biology. Prerequisite: GERM 1202 or permission of department. *3 credits each*

GERM 2211-2212 German Civilization I-II

Artistic, geographic, historic, literary and social background of Germany. Conducted in German. Prerequisite: GERM 1202 or permission of department. *3 credits each*

German Literature**GERM 2301-2302 Goethe I-II**

Major works of Goethe. Comprehensive analysis of Faust and its literary significance. Conducted in German. Prerequisite: GERM 1202 or permission of the department. *3 credits*

GERM 2303-2304 Classical German Literature I-II

From the Middle Ages to the turn of the 18th century. Emphasis on the great literary works and trends of German thought. Conducted in German. Prerequisite: GERM 1202 or permission of the department. *3 credits each*

GERM 2305-2306 Modern German Literature I-II

The early 19th century to the present. Romanticism through realism and naturalism to impressionism and expressionism. Conducted in German. Prerequisite: GERM 1202 or permission of the department. *3 credits each*

GERM 2307-2308 20th Century German Literature I-II

Outstanding representatives of modern German literature. Selected readings from prominent novelists, dramatists and poets. Prerequisite: GERM 1202 or permission of the department. *3 credits each*

GERM 3894 German Co-op I

See Co-op Adviser *3 credits*

GERM 3895 German Co-op II

See Co-op Adviser *3 credits*

GERM 3896 German Co-op III

See Co-op Adviser *3 credits*

GERM 4391-4392 Studies in German Literature I-II
*3 credits each***GERM 4392 Studies in German Literature II**
*3 credits***Italian Language****ITAL 1001-1002 Elementary Italian I-II**

Fundamentals of grammar. Pronunciation and syntax. Competence in aural and oral aspects are stressed in addition to reading and writing. *3 credits each*

ITAL 1002 Elementary Italian II

Fundamentals of grammar. Pronunciation and syntax. Competence in aural and oral aspects are stressed in addition to reading and writing. *3 credits*

ITAL 1101-1102 Intermediate Italian I-II

Review of the essentials of grammar, vocabulary building, conversation and composition. Reading of modern prose.

Prerequisite: ITAL 1002 or equivalent department placement test or permission of department. *3 credits each*

ITAL 1102 Intermediate Italian II

Review of the essentials of grammar, vocabulary building, conversation and composition. Reading of modern prose.

Prerequisite: ITAL 1002 or equivalent department placement test or permission of department. *3 credits*

Italian Culture and Civilization**ITAL 1201-1202 Advanced Italian I-II**

Seeks to broaden and perfect existing language skills. Review of selected grammatical structures. Emphasis on reading, writing, and oral discussion on contemporary cultural issues. Prerequisite: ITAL 1102 or permission of department. *3 credits each*

ITAL 1205 Italian Reading

A close reading of modern/contemporary Italian short narrative and an analysis of grammar structures, idiom and vocabulary.

Prerequisite: ITAL 1002 or permission of the department. *1 credit*

ITAL 2101 Conversational Italian I

Conversation based on topics of everyday life and cultural interest. Prerequisite: ITAL 1202 or taken simultaneously with ITAL 1201-1202. *3 credits*

ITAL 2211-2212 Italian Civilization I-II

The magnificent culture of Italy as it was formed by the earliest inhabitants of the Italian peninsula: Greeks, Romans, Germanics and Arabs (I). The culture and civilization of modern Italy as it was determined by different phenomena such as scientific discovery, the Counter-Reformation, the role of women, the Risorgimento and the forging of Italian national identity (II) Conducted in Italian. Prerequisite: ITAL 1102 or permission of department. *3 credits each*

ITAL 2213-2216 Special Topics in Italian Civilization

Issues of current interest to the study of Italian civilization. Varying topics focus on regions, periods and aspects of Italian or Italian-American culture. Conducted in Italian. Prerequisite: ITAL 1102 or permission of the department. *3 credits each*

Italian Literature**ITAL 2301-2302 Survey of Italian Literature**

Readings in great literary works from the Middle Ages to the 19th century. Dante, Petrarch, Boccaccio, Humanism and the Renaissance (I); the Baroque, the Enlightenment and Romanticism (II). Conducted in Italian. Prerequisite: ITAL 1202 or permission of department. *3 credits each*

ITAL 2303-2304 Modern Italian Literature I-II

A survey of major Italian authors from the 19th to 20th century to the 1930s. The course aims to explore the literary context (Romanticism, Verismo, Futurism, Ermetismo) and the historical background (Risorgimento I; Fascism, II) of influential

writers such as Leopardi, Manzoni (I), Montale, Pirandello (II). The course is designed to expose students to the forms of Italian modern literary and aesthetic genres by studying relevant texts and authors. Conducted in Italian. Prerequisite: ITAL 1202 or permission of department. *3 credits each*

ITAL 2311-2312 (CAST 2611-2612) Contemporary Italian Prose

Authors and literary trends in Italy from World War II to the present. While presenting the most significant contemporary Italian writers from Neorealism (Pavese, Calvino, Vittorini I) to postmodern literature (II), the course will focus on cultural issues which had a significant impact on the literary arena, such as the Student Movement, Feminism, the transformation of urban landscape and the evolution of the family structure. Conducted in Italian. Prerequisite: ITAL 1202 or permission of department. *3 credits each*

ITAL 2313 The Italian Renaissance

A detailed examination of the remarkable development of Humanism and the Renaissance in its birthplace from the 14th to the 16th centuries. Focus on the writings of Petrarch, Machiavelli and Ariosto. Conducted in Italian. Prerequisite: ITAL 1202 or permission of department. *3 credits*

ITAL 2314 Manzoni and the Historical Novel

A critical reading of Manzoni's 19th-century historical work, "I Promessi Sposi," the first novel written in Italian literature, and a study of other representatives of this genre from Ugo Foscolo to Umberto Eco. The course aims to explore the relationship between literature and history from Romanticism to the 20th century. Conducted in Italian. Prerequisite: ITAL 1202 or permission of department. *3 credits*

ITAL 2315 The Italian Theater

Great Italian plays, surveying the Renaissance comedy, the popular Commedia dell'Arte, Goldoni's 18th century reform of and the opera libretto up to this century. Conducted in Italian. Prerequisite: ITAL 1202 or permission of department. *3 credits*

ITAL 2316 Italian Cinema

From the realism of Rossellini and De Sica to the dream-like imagination of Fellini and Antonioni, this course aims to explore the Italian contribution to world cinema. Students will learn about major Italian directors from WWII to the present, such as Scola, Bolognini and the Taviani brothers. The distinct national identity of Italian cinema will be emphasized, with reference to gender roles and female characters. Particular attention will be given to the new generation of directors. Conducted in Italian. Prerequisite: ITAL 1102 or permission of department. *3 credits*

ITAL 2321 Dante's Commedia I

A close reading of the first European classic, Dante's masterpiece: the Inferno. Focus on the literary significance of the work. Conducted in Italian. Prerequisite: ITAL 1202 or permission of department *3 credits*

ITAL 2322 Dante's Commedia II

A close reading of the first European classic, Dante's masterpiece: Purgatorio and Paradiso. Focus on the literary and spiritual significance of the work. Conducted in Italian.

Prerequisite: ITAL 1202 or permission of department. *3 credits*

ITAL 3391-3392 Studies in Italian Literature I-II

3 credits each

ITAL 3894 Italian Co-op I

See Co-op Adviser. *3 credits*

ITAL 3895 Italian Co-op II

See Co-op Adviser. *3 credits*

ITAL 3896 Italian Co-op III

See Co-op Adviser. *3 credits*

Portuguese Language**PORT 2401-2402 Portuguese for Luso-Brazilians I-II**

Addresses the specific linguistic problems of students whose native language is Portuguese and who want to improve their knowledge of it. Study of the basic elements of Portuguese orthography and grammar as related to listening, speaking, reading and writing. *3 credits each*

Russian Language**RUSS 1001-1002 Elementary Russia I-II**

Fundamentals of grammar. Russian alphabet, pronunciation and syntax. Competence in aural and oral aspects are stressed in addition to learning the Russian alphabet, reading and writing. *3 credits each*

RUSS 1002 Elementary Russia II

Fundamentals of grammar. Russian alphabet, pronunciation and syntax. Competence in aural and oral aspects are stressed in addition to learning the Russian alphabet, reading and writing. *3 credits*

RUSS 1011-1012 Elementary Interactive Russian I-II

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in Russian 1001-1002. Taken simultaneously with RUSS 1001-1002. *1 credit each*

RUSS 1012 Elementary Interactive Russian II

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in Russian 1002. Taken simultaneously with RUSS 1002. *1 credit*

RUSS 1101 Intermediate Russian I

Review of the essentials of grammar, vocabulary building, conversation and composition. Prerequisite: RUSS 1002 or equivalent department placement test or permission of the department. *3 credits*

RUSS 1102 Intermediate Russian II

Review of the essentials of grammar, vocabulary building, con-

versation and composition. Prerequisite: RUSS 1002 or equivalent department placement test or permission of the department. *3 credits*

RUSS 1111-1112 Intermediate Interactive Russian I-II

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in Russian 1101. Taken simultaneously with RUSS 1101. *1 credit each*

RUSS 1112 Intermediate Interactive Russian II

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in Russian 1102. Taken simultaneously with RUSS 1102. *1 credit*

Russian Culture and Civilization**RUSS 2101 Russian Conversation**

Conversation based on topics of everyday life, cultural interests and occupational situations. Conducted in Russian. Prerequisite: RUSS 1102. *3 credits*

RUSS 2111-2112 Advanced Russian I-II

Rapid review of grammar. Practice in conversation and writing advanced compositions; emphasis on idiomatic constructions. Prerequisite: RUSS 1102 or equivalent. *3 credits each*

RUSS 2113-2114 Scientific Russian I-II

Technical material in recent publications in the physical sciences. Prerequisite: RUSS 1102 or permission of department. *3 credits each*

RUSS 2117 Russian Civilization

Evolution of Russian pattern of civilization from the 8th century to the present. Artistic, geographic, historic, literacy and social background of Russia. Conducted in Russian. Prerequisite: RUSS 1102 or permission of department. *3 credits*

Russian Literature**RUSS 2115-2116 Introduction to Russian Literature I-II**

Major writers from the 18th to the 20th centuries: Turgenev, Goncharov, Pushkin, Lermontov, Tolstoy, Gogol, Dostoevsky and others. Conducted in Russian. Prerequisite: RUSS 2111-2112 or permission of department. *3 credits each*

RUSS 2313-2314 Modern Russian Literature I-II

Representative Russian writers from Pushkin through the modern period. Conducted in Russian. Prerequisite: RUSS 2111-2112 or permission of department. *3 credits each*

RUSS 2316 Russian Cinema

A survey of Russian cinema from the turn of this century to the present. Prerequisite: RUSS 1102. *3 credits*

RUSS 2317 Russian Drama

Development of Russian drama from its beginning to the present. Reading analysis of representative works. Conducted in Russian. Prerequisite: RUSS 1102 or permission of department. *3 credits*

RUSS 3391-3393 Studies In Russian Literature I-II*3 credits each***Spanish Language****SPAN 1001-1002 Elementary Spanish I-II**

Fundamentals of grammar. Pronunciation and syntax. Competence in aural and oral aspects are stressed in addition to reading and writing. *3 credits each*

SPAN 1003 Accelerated Elementary Spanish I-II

For students with little or no previous study of Spanish. Intensive practice of basic skills in speaking, understanding, reading and writing. Integrated laboratory session. *3 credits each*

SPAN 1011-1012 Elementary Interactive Spanish I-II

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in Spanish 1001- 1002. Taken simultaneously with SPAN 1001-1002. *1 credit*

SPAN 1101-1102 Intermediate Spanish I-II

Review of the essentials of grammar, vocabulary building, conversation and composition. Reading of modern prose. Prerequisite: SPAN 1002 or SPAN 1003 or equivalent, department placement test or permission of department. *3 credits*

SPAN 1103 Accelerated Intermediate Spanish I-II

Intensive review of the essentials of grammar, vocabulary building, conversation and composition. Reading of modern prose. Integrated laboratory session. Prerequisite: SPAN 1001-1102 or SPAN 1003 or equivalent. *6 credits*

SPAN 1111-1112 Intermediate Interactive Spanish I-II

Intensive oral drills and laboratory activities, including computer-assisted instruction. Reinforces the material covered in Spanish 1101. Taken simultaneously with SPAN 1101. *1 credit each*

SPAN 2401-2402 Intermediate Spanish for Hispanics I-II

Addresses the specific linguistic problems of students whose native language is Spanish and who want to improve their knowledge of it. Study of the basic elements of Spanish orthography and grammar as related to listening, speaking, reading and writing. *3 credits each*

Hispanic Culture and Civilization**SPAN 1201-1202 Advanced Spanish I-II**

Seeks to broaden and perfect existing language skills. Review of selected grammatical structures. Emphasis on reading, writing and oral discussion on contemporary cultural issues. Prerequisite: SPAN 1102 or equivalent. *3 credits each*

SPAN 2101 Conversational Spanish I

Conversational practice. Drill in correct pronunciation, articulation and intonation. Vocabulary and idiom study; conducted in Spanish. Not available to native speakers of Spanish. Prerequisite: SPAN 1202 or taken simultaneously with SPAN 1201-1202. *3 credits*

SPAN 2102 Applied Spanish Conversation

Development of conversational skills applied to occupational situations. Prerequisite: SPAN 1102. *3 credits*

SPAN 2213-2216 Special Topics in Hispanic Civilization

Issues of current interest to the study of Hispanic civilization. Varying topics focus on regions, periods, and lesser-taught aspects of Spanish (Peninsular), Latin American and USA Latino culture. Conducted in Spanish. Prerequisite: SPAN 1102 or permission of the department. *3 credits each*

SPAN 2501-2502 Advanced Spanish for Native Speakers I-II

Seeks to broaden and perfect existing Spanish language skills and cultural and literary knowledge of students who are native speakers of Spanish (or equivalent, or those with instructor's permission). Emphasis on reading, writing and oral expression. Prerequisite: SPAN 2402 or equivalent. *3 credits each*

SPAN 2711 Spanish and Latin American Cinema

Development of proficiency in the Spanish language through the screening and analysis of critically acclaimed and selected Spanish and Latin American films. Focuses on film as a major expression of Spanish and Latin American culture. Readings and discussions relative to their historical, social, political, aesthetic, literary and linguistic contexts. Conducted in Spanish. Prerequisite: SPAN 1202 or 2505 or permission of department. *3 credits*

SPAN 3211 Hispanic Civilization

Development of the Spanish pattern of civilization from pre-Roman times to the present. Required for majors. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 3212 Spanish-American Civilization

Evolution of the Spanish-American pattern of civilization from the pre-Hispanic period to the present. Required for majors. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4111 Business Spanish: Correspondence

Practice in contemporary business, administrative and personal correspondence in Spanish. Conducted in Spanish. Prerequisite: SPAN 1202, 2102 or 2502 or permission of department. *3 credits*

Spanish Literature**SPAN 3311 Introduction to Hispanic Literary Studies**

Study of literary genres, concepts, periods and movements in relation to Spanish Peninsular and Spanish-American literature. Required for majors. Conducted in Spanish. Prerequisite: SPAN 2102 or SPAN 2502 or permission of department. *3 credits*

SPAN 3401 (ENGL 3404) U.S. Latina/Latino Literature

A survey of the literature written by Latina/Latino authors in the United States. Reading materials, class discussions, exams, and term papers will be in English, but Spanish majors and

minors, and native Spanish speakers will be encouraged to write in Spanish, and read Spanish translations when available. *3 credits*

SPAN 3894 Spanish Co-op I
See Co-op Adviser. *3 credits*

SPAN 3895 Spanish Co-op II
See Co-op Adviser. *3 credits*

SPAN 3896 Spanish Co-op III
See Co-op Adviser. *3 credits*

SPAN 4311 Medieval and Renaissance Spanish Literature
Outstanding Spanish literature from its beginning to the 16th century. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4312 Spanish Golden Age Drama and Poetry
Outstanding Spanish playwrights and poets of the 16th and 17th centuries. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4313 Spanish Golden Age Prose
Outstanding Spanish prose writers of the 16th and 17th centuries, with emphasis on Cervantes and the picaresque. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4314 Romantic and Realistic Spanish
Major Spanish writers of the 19th century. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4315 Generation of 1898 and Modernism
Representative Spanish writers of the 19th and early 20th centuries. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4317 Modern Spanish Literature
Representative Spanish writers of the Generation of 27 and post-Civil War period. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4318 Spanish-American Narrative I
Development of the Spanish-American novel and short story from the colonial period up to the Boom. Reading and analysis of representative works. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4319 Spanish-American Theater
Development of the Spanish-American theater from the colonial period to the present. Reading and analysis of representative works. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4320 Spanish-American Narrative II
Study of the Spanish American novel and short story from the Boom to the present. Reading and analysis of representative works. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4321 Spanish-American Poetry
Development of Spanish-American poetry from the colonial period to the present. Study and analysis of representative works. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4322 Spanish-American Essay
Study of the Spanish-American essay. Reading and analysis of representative works. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4323 Spanish Literature of the Caribbean
Representative authors from Cuba, the Dominican Republic and Puerto Rico. Conducted in Spanish. Prerequisite: SPAN 1202 or 2502 or permission of department. *3 credits*

SPAN 4391-4393 Studies in Spanish Literature I-III
3 credits each

SPAN 5391-5393 Spanish Seminar
Study of a special topic announced by the department including Study Abroad. Conducted in Spanish. Permission of department. *1/2/3 credits*

Department of Philosophy

Fahy Hall
(973) 761-9480
artsci.shu.edu/philosophy

Faculty: Mayhew; Medina (*Chair*); O'Connor; Ranieri; W. Smith; Stark; Tyvoll; Unna; Williams; Zakhem

Faculty Emeriti: Anderson; Barral; Dalcourt; Hakim; Herrera; Murphy, M.M.; Radtke

The Department of Philosophy offers programs of study leading to the degree of Bachelor of Arts. These programs offer opportunities for in-depth examination of major philosophers and their arguments from ancient times to the present. The flexible structure of the programs allows students to follow their interests and questions. In this way the study of philosophy helps students realize the goals of a liberal education.

International Honor Society in Philosophy

Phi Sigma Tau, Local Chapter: New Jersey Eta (3107)

Students are eligible to apply for membership if they have completed 12 credits in philosophy with a 3.5 G.P.A. and a 3.0 G.P.A. overall.

Major Programs

In conjunction with meeting the standards and requirements of the College of Arts and Sciences, the philosophy major consists of 36 credits. The department offers two options for the major. Students work out the details of their course of study in consultation with the chairperson who may modify the program in view of a student's interest and objectives.

Major Program I

Requirements

- I. PHIL 1101 Introduction to Philosophy
- PHIL 1104 Logic
- PHIL 1105 Ethics

II. Six courses at the 2000 level

With permission of the chairperson a student may substitute one related 3-credit course from another discipline toward fulfillment of the major requirements at the 2000 level.

Six credits at the 2000 level must be completed before a student may take any course at the 3000 level.

III. Three courses at the 3000 level

Major Program II

Pre-Theology Major in Philosophy Requirements:

- I. PHIL 1104 Logic
- PHIL 1105 Ethics
- PHIL 2020 Ancient Philosophy
- PHIL 2030 Medieval Philosophy
- PHIL 2040 Modern Philosophy
- PHIL 2050 Contemporary Philosophy
- PHIL 2500 Epistemology
- PHIL 2950 Metaphysics
- PHIL 3950 Faith and Reason Seminar

II. Two three-credit elective courses at the 2000 or 3000 level

With permission of the chairperson, a student may substitute up to 6 credits in advanced courses from the Department of Religious Studies toward fulfillment of the major requirements at this level.

Six credits at the 2000 level must be completed before a student may take any course at the 3000 level.

III. One elective course at the 3000 level

Minor Program

The minor in philosophy requires students to complete a minimum of 18 credits in philosophy according to the distribution given below. Each student's program is worked out in consultation with the chairperson.

Requirements:

I. Two courses at the 1000 level

II. Three courses at the 2000 level

Six credits at the 2000 level must be completed before a student may take any course at the 3000 level.

III. One course at the 3000 level

Course Descriptions

PHIL 1101 Introduction to Philosophy

Exploration of basic issues in philosophy through study of primary sources. Topics approached thematically and historically. *3 credits*

PHIL 1102 Philosophy and the Classical Mind

The development of western philosophy from its origin with the ancient Greeks to 1450 A.D., as seen against the background of the history of the Western culture. *3 credits*

PHIL 1103 Philosophy and the Modern Mind

The development of modern western philosophy, considered in its complex interrelations with the scientific, social and ideological transformations of the 600 years from the Renaissance to the present. *3 credits*

PHIL 1104 Logic

Nature of thinking, truth and validity. Uses of language. Concepts and propositions. Deductive and inductive reasoning. Fallacies. *3 credits*

PHIL 1105 Ethics

The functions and methods of moral philosophy. A comparison of the major ethical theories. Analysis of a wide range of common moral issues. *3 credits*

PHIL 1107 Self and Community: Philosophy in Theory and Practice I

A service learning course providing opportunity to combine community-based fieldwork with the study of classical and contemporary philosophy. Theme of the course is the relationship between individual and society. *4 credits*

PHIL 1108 Self and Community: Philosophy in Theory and Practice II

A service learning course providing opportunity to combine community-based fieldwork with the study of classical and contemporary philosophy. Theme of the course is the relationship between individual and society. PHIL 1107 and PHIL 1108 together form a one-year, 8-credit sequence. *4 credits*

PHIL 1125 Business Ethics

Overview of important moral, social and political issues involving the business world at large. Emphasis on the application of traditional ethical theories to business practices. *3 credits*

PHIL 1155 Ethics and International Affairs

Systematic study of ethics in international affairs, in context of classical and contemporary moral and political theories. Particular emphasis on the relevance of justice, distributive justice in particular, to the behavior of nations and international organizations and assessment of that behavior. *3 credits*

PHIL 1204 Symbolic Logic

Propositional logic; predicate logic; modal logic. Topics in the philosophy of logic. *3 credits*

PHIL 1251 (AFAM 2416) African Cultural Philosophy

A survey of the philosophy and world views of representative Black thinkers and cultures from ancient Africa through the contemporary societies of Africa and its diaspora. *3 credits*

Advanced General**PHIL 2020 Ancient Philosophy**

Review of the major philosophies of the ancient world from the pre-Socratics to the Stoics. Emphasis on Plato and Aristotle. *3 credits*

PHIL 2030 Medieval Philosophy

The transition from late antiquity to the medieval period; Christianity, Neoplatonism and Gnosticism; readings from the major philosophers of the Middle Ages, (e.g., Augustine, Anselm, Bonaventure, Aquinas), as well as Jewish and Islamic thinkers of the period. *3 credits*

PHIL 2040 Modern Philosophy

The development of philosophy through the 17th, 18th and 19th centuries, with emphasis upon the distinctively modern approaches to central issues in epistemology, metaphysics and political theory. The nature of modernity and its contemporary legacy. *3 credits*

PHIL 2050 Contemporary Philosophy

Development of philosophy through the 20th century, with emphasis on analytic philosophy, phenomenology, existentialism, pragmatism and recent post-analytic and post-modern developments. *3 credits*

PHIL 2065 American Philosophy

Pre- and post-colonial philosophical-theological thought: New England transcendentalism; pragmatism of Pierce, James and Dewey; philosophy in America today. *3 credits*

PHIL 2080 Philosophical Anthropology

The study of various theories regarding the origins of the universe, life and the human race: mainly creationism, evolution, and abiogenesis. The three types of life on earth will be examined with emphasis on human life, powers, and destiny. *3 credits*

PHIL 2090 Philosophical Psychology

The main theories of human nature and functioning from Plato to contemporary thinkers. *3 credits*

PHIL 2095 (ENGL 3610) Existentialism in Literature

Existential traits in great world literary figures from Dostoyevsky, Kierkegaard and Nietzsche to the contemporary world of philosophy, literature and art as expressed by Camus, Sartre and representatives of the Theater of the Absurd. *3 credits*

PHIL 2100 Modern Society and Human Happiness

Reflection upon the meaning of the good life through study of selected classical and contemporary thinkers. Emphasis upon the concept of the good life in a contemporary American context. *3 credits*

PHIL 2110 (WMST 2110) Feminist Theories

Examination of the wide range of theories and perspectives that constitute feminism today. Three main parts: historical overview of the development of feminist thinking; analysis of major feminist theories; and examination of the intersections between traditional philosophy and feminist thinking. Prerequisite: One of the following: PHIL 1101, 1104 or 1105. *3 credits*

PHIL 2115 (ENVL 2115) Environmental Ethics

Examination of current theoretical and practical issues in the field of environmental ethics, among them, obligations to future generations, human relationships to nature and pollution. *3 credits*

PHIL 2125 Philosophy and Education

Basic questions philosophers have addressed in their writings on education. Discussion of these questions will introduce students to various kinds of philosophies and their respective views of human nature. *3 credits*

PHIL 2130 Ethical Issues in Health Care

Survey course examining ethical issues that arise in health care. Issues will include informed consent, the definition of death, euthanasia and physician assisted suicide, foregoing life-sustaining treatment, assisted reproductive technologies and justice in health care. *3 credits*

PHIL 2140 Political Philosophy

Critical assessment of the nature of western political thought. What is political philosophy? What are the differences, if any, among political philosophy, political theory and the history of political thought? How should we read a political text? An in-depth exploration of one or several of the following concepts: authority, liberty, justice, legitimacy, political obligation, anarchy and the concept of the political itself. *3 credits*

PHIL 2150 Philosophy of Law

Critical assessment of the concept of law. What is the nature of law? Examination of the differences among natural law, legal positivism, legal realism and critical legal studies. Topics covered include legal reasoning, law and morality, law and liberty and constitution law. *3 credits*

PHIL 2160 (CAST 2160) 19th and 20th Century Catholic Thinkers

Introduction to important issues in 19th- and 20th-century philosophy as approached and dealt with by notable Catholic thinkers. Through examination of their works, the course explores relations between religious beliefs and both modern and contemporary philosophy, and indicates the enduring relevance of the Catholic philosophical tradition. *3 credits*

PHIL 2170 Philosophy of Religion

The concept of God. The justifiability of religious belief. Faith and reason. Miracles. Death and concepts of life after death. The problem of evil. Religion and science. *3 credits*

PHIL 2175 Philosophy of Death

Attitudes toward death: acceptance or is it an evil? Cross-cultural and historical. The death of children, parents, spouse; grief and bereavement; role of the mortician; suicide and euthanasia; old age and the art of dying; the Hospice movement; immortality. *3 credits*

PHIL 2185 Philosophy of Love and Sex

This course consists of a survey of the history of theories of love and sex, from the ancient Greeks to the present; an investigation of selected contemporary issues; a look at ideas about love and sex in classical and contemporary literature and film. *3 credits*

PHIL 2190 Philosophy of History

Investigation, in historical perspective, of philosophies of history beginning with Augustine and ending with Marx, covering other figures such as Joachim of Fiore, Hildegard of Bingen, J. B. Vico, Hegel and Comte. *3 credits*

PHIL 2195 East Asian Philosophy

Basic concepts and ways of thinking of some eastern philosophies including Hinduism, Buddhism, Taoism and Confucianism; readings from their sacred texts. Comparisons and contacts with the ways of thinking of western philosophy. *3 credits*

PHIL 2200 Philosophy of Art

Historic and thematic study of theories of aesthetics, including those of Greece. Emphasizes modern and contemporary views of beauty and art in the variety of individual and social expression. *3 credits*

PHIL 2205 Moral Theories

Exposition and critical evaluation of moral theories and concepts from ancient times to the present. Analysis of the challenge presented by moral skepticism. Examination of important moral concepts, such as virtues, rights, duties and moral values. *3 credits*

PHIL 2300 Major German Philosophers

Introduction to German philosophy broadly conceived. Some of the philosophers studied are: Kant, Fichte, Hegel, Heidegger. *3 credits*

PHIL 2320 Marxism

Lives and works of Marx, Engels and Lenin. Analysis of their main ideas; recent developments in Marxist philosophy in America, Latin America and abroad. Evaluation and application. *3 credits*

PHIL 2500 Epistemology

The nature and scope of knowledge. Knowledge and belief. The problem of skepticism. Empiricism, rationalism and pragmatism. Foundationalism and its critics. *3 credits*

PHIL 2700 Philosophy of Science

Investigation of the nature of scientific knowledge and truth. An in-depth exploration of one or several of the following concepts: confirmation, explanation, evidence and the status of scientific laws. Evaluation and criticism of the challenge presented by the history of science to positivist and empiricist accounts of scientific inquiry. *3 credits*

PHIL 2810-2820 Special Topics In Philosophy

Focuses on a particular philosophical theme, topic or thinker chosen by instructor. *3 credits*

PHIL 2950 Metaphysics

Reflection on the meaning of human existence and our place in reality. Consideration of the nature of the real and our ability to know it. Primary focus on contemporary thinkers who have dealt with these questions. *3 credits*

PHIL 2991 Independent Study

1 credit

PHIL 2995-2999 Independent Study

Study of a specific philosophy or philosophical theme, not studied or not studied in depth in the regular philosophy courses. (Under guidance of a faculty member and with permission of chair). *3 credits*

PHIL 3000 Plato

A seminar on selected issues in Plato's philosophy through a close reading of one or more of his works. Prerequisites: 6 credits of philosophy at the 2000 level. *3 credits*

PHIL 3005 Aristotle

A seminar on selected issues in Aristotle's philosophy through a close reading of one or more of his works. Prerequisites: 6 credits of philosophy at the 2000 level. *3 credits*

PHIL 3010 St. Augustine

Consideration of the major works and ideas of Augustine; his life, historical context and major contributions to western philosophy, religion and culture. Prerequisites: 6 credits of philosophy at the 2000 level. *3 credits*

PHIL 3015 St. Thomas Aquinas

Historical background; life and achievements of Aquinas, analysis of the main themes of his philosophy, development and influence of Thomistic philosophy, its continuing relevance. Prerequisites: 6 credits of philosophy at the 2000 level. *3 credits*

PHIL 3060 Spinoza

Introduction to the thought of Spinoza through the study of the Ethics and the Tractatus Theologico-politicus. Historical, religious and cultural background. Prerequisites: 6 credits of philosophy at the 2000 level. *3 credits*

PHIL 3070 Kant

A close reading and analysis of selected works by Kant will serve as the basis for a critical discussion of his answers to three major questions: What can I know? What should I do? For what may I hope? Prerequisites: 6 credits of philosophy at the 2000 level. *3 credits*

PHIL 3900 Research Seminar

Primarily for philosophy majors. Intensive study revolving around topic/theme chosen by instructor. Prerequisites: 6 credits of philosophy at the 2000 level. *3 credits*

PHIL 3950 Faith and Reason Seminar

Explores the relationship between faith and reason, theology and philosophy, revelation and natural knowledge. Considers whether faith and reason are similar, separate, opposed or complementary. Prerequisites: 6 credits of philosophy at the 2000 level. *3 credits*

Department of Physics

McNulty Hall
(973) 761-9050
artsci.shu.edu/physics

Faculty: Ansari; Curti; Jaki; Kim (*Chair*); Sahiner

Faculty Associate: Yurko

Faculty Emeriti: Stamer

The Department of Physics offers programs of study leading to the degree of Bachelor of Science. The department provides students with a comprehensive grounding in the laws governing the behavior of matter. The intimate relationship between theory and experiment, and the open, dynamic character of physics are stressed. Topics of current interest in fundamental physics and modern technology receive special emphasis.

Students majoring in physics may choose one of the following three options:

1. for students desiring a conventional program in physics to be followed by graduate work in physics or a related field;
2. for those who intend to seek employment in industry or government, or those considering a career in secondary education; or
3. **Five-Year Dual-Degree Program** This program, ideal for technically oriented students, is conducted jointly with the New Jersey Institute of Technology (NJIT) and leads to a B.S. degree in physics from Seton Hall University and a B.S. degree in biomedical, mechanical, electrical, industrial, computer or civil engineering from NJIT. Students spend three years at Seton Hall and two years at NJIT.

The sequence and diversity of courses for all students will be worked out in consultation with a department adviser who may modify the program in view of each student's background and objectives.

Major Program

In addition to meeting the core curriculum requirements of the College of Arts and Sciences, degree candidates must complete the following coursework:

Physics Core Requirements		Credits
PHYS 1701-1702	General Physics I-II	6
or		
PHYS 1705-1706	Principles of Physics I-II	6
PHYS 1811-1812	Physics Laboratory I-II	2
or		
PHYS 1815-1816	Physics Laboratory and Data Analysis	3
PHYS 2112	Physical Applications of Mathematical Techniques	4
PHYS 2185	Introductory Modern Physics	4
PHYS 2186	Waves and Oscillations	3
PHYS 2883	Electronics I	3
PHYS 3119	Mathematical Methods of Physics I	4
PHYS 3121	Mechanics I	3
PHYS 3185	Electricity and Magnetism I	3
PHYS 3217	Modern Optics	3

PHYS 3811-3815	Advanced Laboratory I-II	6
PHYS 4811-4815	Advanced Laboratory III-IV	6

Other Required Courses

CHEM 1103-1104	General Chemistry I-II	8
MATH 1401-2411	Calculus I-III	12
CSAS 1113	Computing for Science Majors	4

Students intending to pursue graduate work must take a minimum of 12 elective credits from the following list. Students should select courses in consultation with their departmental adviser.

CHEM 3411	Physical Chemistry I	3
PHYS 3122	Mechanics II	3
PHYS 3186	Electricity and Magnetism II	3
PHYS 4211-4212	Quantum Mechanics I-II	3
PHYS 4219	Statistical Physics	3

A student planning industrial employment must take the following:

CHEM 2215	Analytical Chemistry I	4
CSAS	Computer Science Elective	3
PHYS 2894	Electronics II	3

Minor Program

The physics minor requires a minimum of 18 credits as follows:

	Credits
1. Basic Principles of Physics	
PHYS 1701-1702 or PHYS 1705-1706	6
2. Laboratory Component	
PHYS 1811-1812 or PHYS 1815-1816 or PHYS 2883	2 or 3
3. Principles of Modern Physics	
PHYS 2185 Introductory Modern Physics	4
4. Specialized Electives	
PHYS 2112, 2186, 2883, 2894, 3121-3122, 3185-3186, 3217, 4219 or 4211	6 to 8

Course Descriptions

ERTH 1019 (ENVL 1019) Introduction to Geology

Descriptive survey of the science of the earth; the composition of the earth; weathering and erosion; the formulation and movement of glaciers; the origin of mountains, volcanoes, earthquakes and deserts; and geological history of the earth. Field trips when possible. *3 credits*

PHYS 1001 Introduction to Physical Science

For non-science students. Emphasis on concepts and methods of physical sciences. Topics range from gravitation and astronomy to modern scientific frauds. *3 credits*

PHYS 1007 Introduction to Astronomy

Survey of the historical development and current status of astronomy. The solar system, stars and galaxies, quasars, pulsars, black holes and models of the universe and its history. Eight-inch and 16-inch telescopes are used for observation on clear nights. *3 credits*

PHYS 1701-1702 General Physics I-II

Mechanics, sound and heat, elementary electricity and magnetism, optics and elementary modern physics. Corequisite: MATH 1401-1411 and PHYS 1811-1812. *3 credits each*

PHYS 1705-1706 Principles of Physics I-II

Vectors, kinematics and dynamics, heat and thermodynamics, electricity and magnetism, introduction to Maxwell's equations, physical and geometrical optics and elementary modern physics. Corequisite: MATH 1401-1411 or permission of instructor. PHYS 1811-1812 or 1815-1816. *3 credits each*

PHYS 1811-1812 Physics Laboratory I-II

Experiments in mechanics, sound, heat, light, electricity, and magnetism and radiation. Statistical analysis. Corequisite: MATH 1401-1411, and PHYS 1701-1702 or PHYS 1705-1706. *1 credit each*

PHYS 1815 Physics Laboratory and Data Analysis I

Scientific programming with applications to data analysis in addition to all experiments in PHYS 1811. Additional topics include linear regression and numerical integration. Corequisite: MATH 1401. Corequisites: PHYS 1705, MATH 1411. *2 credits*

PHYS 1816 Physics Laboratory and Data Analysis II

See PHYS 1812 Data analysis involves programs discussed in PHYS 1815. Prerequisite: PHYS 1815. Corequisite: MATH 1411. *1 credit*

PHYS 2112 Physical Applications of Mathematical Techniques

Selected applications of differential equations, vectors, matrices and determinants, Sturm-Liouville theory and orthogonal functions, numerical analysis, and probability and statistics to the physical sciences. Prerequisite: MATH 2411 and PHYS 1706 or PHYS 1702. *4 credits*

PHYS 2185 Introductory Modern Physics

Special relativity, kinetic theory and thermodynamics, early quantum theory, atomic models, particle physics. Prerequisite: a year of general physics. Corequisite: MATH 2411 or permission of instructor. *4 credits*

PHYS 2186 Waves Oscillations

Oscillations of particles and rigid bodies; vibrations and waves in one to three dimensions; sound and electromagnetic waves. Prerequisite: MATH 2411, PHYS 2185. *4 credits*

PHYS 2883 Electronics I

Circuit analysis; electronic instruments; digital and analog integrated circuits; microcomputer interfacing. One laboratory meeting per week. Prerequisite: a year of general physics. Corequisite: MATH 2411. *3 credits*

PHYS 2894 Electronics II

Analog-to-digital and digital-to-analog circuits; assembly/high-level programming and interfacing; resonance; Fourier series. Laboratory included. Prerequisite: PHYS 2883. *3 credits*

PHYS 3119-3120 Mathematical Methods of Physics I-II

Vector analysis. Curvilinear coordinate systems. Determinants and matrices. Infinite series. Functions of a complex variable. Second order differential equations and Sturm-Liouville theory. Fourier series. Integral equations. Calculus of variations. Probability. Prerequisite: MATH 2411, PHYS 2112. *4 credits each*

PHYS 3121-3122 Mechanics I-II

Newtonian mechanics; particle motion in one, two and three dimensions; systems of particles; rigid body motion; gravity; introductory Lagrangian formalism; small vibrations; special relativity; mechanics of continuous media. Prerequisite: PHYS 2186. *3 credits each*

PHYS 3185-3186 Electricity and Magnetism I-II

Boundary value problems in electrostatics and magnetostatics; Maxwell's equations in differential form; time-dependent fields; plasma physics; radiation. Prerequisite: PHYS 2186. *3 credits each*

PHYS 3217 Modern Optics

Mathematics of wave motion; physical optics, including polarization, diffraction and interference. Selected topics of current interest; fiber optics, integrated optics, lasers, holography and the principles of spectroscopy. Prerequisite: PHYS 2186. *3 credits*

PHYS 3511 Environmental Physics

An introduction to the principles of atmospheric dispersion, materials and energy balances, hydrology and soil with particular emphasis on environmental issues through a quantitative problem-solving approach. Prerequisites: PHYS 1701-1702, MATH 1401-1411, CHEM 1103-1104. *3 credits*

PHYS 3811-3815 Advanced Laboratory I-II

PHYS 3811 and PHYS 3814 together cover a set of historically important experiments. PHYS 3812 and PHYS 3815 cover these same experiments to greater depth with additional topics. Prerequisites: PHYS 2883. Fall Semester: PHYS 3811 (*1 credit*), 3812 (*2 credits*). Spring Semester: PHYS 3814 (*1 credit*), 3815 (*2 credits*). *1-4 credits*

PHYS 3894 Physics Co-op I

See Co-op Adviser. *3 credits*

PHYS 3895 Physics Co-op II

See Co-op Adviser. *3 credits*

PHYS 3896 Physics Co-op III

See Co-op Adviser. *3 credits*

PHYS 4211-4212 Quantum Mechanics I-II

Wave mechanics in one and three dimensions, hydrogen atom, spin, exclusion principle and multi-electron atoms in external fields. Time-independent and time-dependent perturbation theory with applications, scattering theory. Prerequisites: CHEM 3412 or PHYS 2186; PHYS 3185. *3 credits each*

PHYS 4219 Statistical Physics

Kinetic theory; quantum statistics; systems of interacting particles. Applications to solids. Prerequisite: CHEM 3411 or PHYS 2186. *3 credits*

PHYS 4290-4291 Research in Physics I-II

Introduction to the methods of original investigation in experimental or theoretical physics. (For selected seniors majoring in physics) Prerequisite: permission of instructor. *2-3 credits*

PHYS 4811-4815 Advanced laboratory III-IV

Prerequisite: Permission of instructor. Fall Semester: PHYS 4811 (*1 credit*), 4812 (*2 credits*). Spring Semester: PHYS 4814 (*1 credit*), 4815 (*2 credits*). Supervised research. *1-2 credits*

Department of Political Science

Jubilee Hall
 (973) 761-9383
artsci.shu.edu/polisci

Faculty: Akonor; Boutillier; Fisher; Formicola; Lindsay, Marbach (*Chair*); Mirabella; Mott; Samuels; Sedehi; Taylor (*Director, Environmental Studies Program*); Togman; Ward

Faculty Emeriti: Adinaro; Connors; Dunham; Manley

The Department of Political Science offers a program of study leading to the degree Bachelor of Arts. The department offers training in the areas of American government and politics, urban affairs, public administration and public policy, comparative politics and institutions, international organization and relations, political theory, and behavior and public law.

The major program provides students with a basic education in the ideas, institutions and processes of politics and government, and provides preparation for careers in law, government service, public affairs and the private sector of the American economy. To be aware of the intricacies of government regulations and policies that affect their businesses, most major commercial and industrial firms need personnel who are knowledgeable in public affairs. Public sector employment continues to be a major source of careers for students with a background in political science. In addition, a prime area for students of public affairs is the nonprofit service sector.

The Department of Political Science also offers a minor in Nonprofit Studies and a five-year dual degree (B.A./M.P.A.) with the Graduate Department of Public and Healthcare Administration. (See page 180 for five-year programs).

Major Program

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete a minimum of 37 credits in political science. The sequence and diversity of courses for all students will be worked out in consultation with a department adviser, who may modify the program in view of each student's background and objectives. Students are expected to acquaint themselves with the concepts and methods of related social science disciplines and to develop other skills requisite for the successful pursuit of their particular career objectives.

Department Requirements

First-Year Requirements:

Fall Semester	Credits	
POLS 1001 or POLS 1211	Introduction to Political Science	3
MATH 1203	American Government	
	Statistical Models for the Social Sciences	3
Spring Semester		
POLS 1211 or POLS 1001	American Government	3
	Introduction to Political Science	

Second-Year Requirements

Fall Semester		
POLS 1401	Western Political Thought I	3
or		
POLS 1611	Comparative Politics	
Spring Semester		
POLS 1711	International Relations	3
POLS 2910	Research Methods I	3

Third-Year Requirements

Fall Semester		
POLS	Elective at the 1000 or 2000 level	3
POLS	Elective at the 1000 or 2000 level	3
Spring Semester		
POLS	Elective at the 2000 level	3
POLS	Elective at the 3000 level	3

Fourth-Year Requirements

Fall Semester		
POLS 5010	Senior Seminar	4
POLS	Elective at the 2000 or 3000 level	3
Spring Semester		
POLS	Elective at the 3000 level	3

Total: 37

Students should select 12 credits in political science electives. A maximum of six credits in internships or practicum courses may be applied toward the completion of the credit requirement for the major. (Cooperative Education courses count as free electives only.)

Students must take at least two courses at the 3000 level (one course must be in the area that the student intends to pursue for senior thesis).

In addition, political science majors must complete MATH 1203 Statistical Models for the Social Sciences to fulfill the core mathematics requirement for the College of Arts and Sciences.

Minor Program

The minor in political science is open to all undergraduate students in the University who have an interest in political studies and wish to complement their own major with courses in government and politics. The minor consists of 18 credits distributed as follows:

	Credits
POLS 1001 Introduction to Political Science	3
Four courses at the 1000- or 2000-level	12
One course at the 3000-level	3
Total:	18

Minor in Nonprofit Studies

The minor in nonprofit studies is a program designed to prepare students for careers in management in the nonprofit sector, especially with agencies working with youth and social services. The nonprofit sector is growing by leaps and bounds, and the need for highly prepared professionals to lead nonprofits is also soaring. As government funding and programs are cut, there has been increased community dependence on nonprofits, more nonprofit involvement with vulnerable populations, and limited time and resources available to recruit qualified, new employees, particularly African Americans and Latinos.

The minor in nonprofit studies will consist of 21 hours of directed study, including one core course, POLS 2120 The Nonprofit Sector, one course in nonprofit financial and fundraising management, POLS 2121 Financial and Fundraising Management, one course in organizational theory (from list), one course in community and social issues (from list), one course in management (from list) and one course in leadership. Students also will be required to complete an internship with a nonprofit organization. Student may apply a maximum of 6 credits from their major to the nonprofit studies minor (exclusive of internship experience).

Required Courses

POLS 2120	The Nonprofit Sector
POLS 2121	Financial and Fundraising Management in Nonprofit Organizations

Electives

Organizational Theory

NUTH 4114	Leadership, Management and Trends in Nursing
PSYC1216	Industrial/Organizational Psychology
SOCI 2314 (POLS 2115)	Organizations and Society
SOWK 1111	Introduction to Social Work

Organizational Practice Theory

BMKT 2601	Introduction to Marketing
BMGT 2501	Principles of Management
BMIS 2701	Management Information Systems
COPA 2512	Public Relations I

Community and Social Issues

AFAM 2311	Public Institutions and the African-American
AFAM 2313	Urban Black Politics
IDNS 2001	Women and Health
NUTH 4115	Community Health Perspectives
PSYC 1212	Child Psychology
PSYC 1213	Adolescent Psychology
PSYC 2216	Social Psychology
SOCI 2513 (WMST 2513)	Social Inequality
SOWK 1311	Children and Youth in Society
SOWK 1911	Introduction to Gerontology
WMST 1401	Women, Culture and Society

Leadership Elective

DIPL 3101	Concepts of Leadership
PHIL 1125	Business Ethics
RELS 2520	Catholic Social Teaching

Internships

POLS 2516	Nonprofit Practicum I
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Course Descriptions

POLS 1001 Introduction to Political Science

Introduction to the foundations of the academic discipline of political science. Course offers a broad overview of the various schools of political science analysis, including democratic transitions, political development, and revolution as well as a survey of the basic concepts and principles. *3 credits*

POLS 1111 Introduction to Public Policy

Explores the policy process, (i.e., the analytic techniques for setting the agenda, policy formulation, implementation and evaluation). The course emphasizes how to think about government policy. *3 credits*

POLS 1113 Public Administration

Introduction to the field through an exploration of historical development of public bureaucracies and the contemporary politics affecting their organization and operation. Students learn about the causes of bureaucratic malfunction and the strategies managers use to make bureaucracies function more efficiently and effectively. *3 credits*

POLS 1211 American Politics

Introduction to the institutions and processes of American national government, its development as a constitutional system and the political culture of American society. *3 credits*

POLS 1212 (SOCI 2213, ANTH 2222) Introduction to American Law

Explores the basis for American law by examining various theories of jurisprudence, or philosophies of law, and the goals and objectives of law. Distinguishes law from other forms of social control, and looks at the impact of law on society. *3 credits*

POLS 1401 Western Political Thought I

Introduction to, and analysis of, the major questions that have challenged Western political thinkers. Selected writers will include Plato, Aristotle, Machiavelli, Hobbes, Locke and Rousseau. *3 credits*

POLS 1411 Western Political Thought II

Examination and analysis of the ideas of selected political theorists of the 18th and 19th centuries. *3 credits*

POLS 1611 Comparative Politics

Comparative approaches to the study of politics. Analysis of functions, experiences and institutions of political systems, Western and non-Western. *3 credits*

POLS 1711 International Relations

Analysis of forces affecting relations between nations and other global actors, including world-level and regional-level intergovernmental organizations as well as religious organizations. Emerging nations and their impact on the international political system. *3 credits*

POLS 2090-2099 Topics in Public Policy

Selected topics designated before the semester in the area of public policy. Topics vary from semester to semester. May be repeated for credit as the topic changes. *3 credits*

POLS 2110 Contemporary Issues in U.S. Public Policy

Overview of agenda setting, formulation, and implementation of public policies, including budgets, taxation, health, business regulation, civil rights and welfare. Students learn how political factors shape policy as well as learning techniques to analyze and evaluate these policies. *3 credits*

POLS 2111 Issues in Comparative Public Policy

How public policy is shaped as well as variations of content of public policy in nations of the same political/economic type and in nations of different political/economic types. *3 credits*

POLS 2115 Theories of Organization: The Bureaucratic Phenomenon

Nature of bureaucracy and its affect on personality, social relations, group dynamics and social change. Contemporary theories of public organizations, nonprofit and profit-focused entities and to the role of power in bureaucratic settings and exchanges. Understanding pathologies of organizations and approaches to organizational revitalization. *3 credits*

POLS 2116 Court Administration

History, development and current role of court management in the administration of civil and criminal justice. Role players, interaction of justice agencies with the courts and the bar. Selected problem areas will be emphasized, (i.e., case flow, delay, jury management, budgeting and planning). *3 credits*

POLS 2120 The Nonprofit Sector

Introduction to the important social, political and economic aspects of organizations and activities in the third or "independent" sector, which is neither government nor business. *3 credits*

POLS 2121 Financial and Fundraising Management

Introduction to financial, budgetary and accounting issues in tax-exempt organizations, examines principles, techniques and issues surrounding resource development in nonprofit organizations, with an introduction to annual funds, capital campaigns and endowment support and an overview of grants and contracts including trends in grantmaking, grantwriting, funding source identification and relationship development with funders. *3 credits*

POLS 2190-2199 Topics in Public Administration

Selected topics designated before the semester in the area of public administration. Topics vary from semester to semester. May be repeated for credit as the topic changes. *3 credits*

POLS 2212 The United States Congress

Composition and political organization of the American Congress. The committee system and the process of lawmaking and the political actors. Relations with other branches of government. *3 credits*

POLS 2213 The American Presidency

Evolution of the office. Nomination and election of a presi-

dent. Roles and responsibilities. Contemporary institutional critique. *3 credits*

POLS 2214 The American Judicial System

Concepts of law and jurisprudence, functions and staffing of American courts, state and federal. Strengths and weaknesses of the jury system. The Supreme Court, how it decides, impact of its decisions and the role of the court in American constitutional law. Controversy over judicial review. *3 credits*

POLS 2215 Campaigning and Political Parties

Examines the structure, operation and interaction of the major political parties and their roles in electing local, state and national officials. It analyzes campaigning for public office, and the impact of interest group politics on the process. *3 credits*

POLS 2220 Development of the American Constitution

Origins of the Constitution. Analysis of selected issues in constitutional history. Emphasis on the impact of Supreme Court decisions on American political and economic culture. *3 credits*

POLS 2221 Constitutional Law

Covers such topics as constitutional issues in contemporary society, situational arrest case studies, drug enforcement code, gaming enforcement, U.S. Constitution, ATRA; with examinations and critiques. *3 credits*

POLS 2225 State and Local Politics

Institutions and processes of U.S. government at the state, county and local levels. *3 credits*

POLS 2226 Government and Politics of New Jersey

Structural study and functional analysis of state, county and local government in New Jersey. *3 credits*

POLS 2290-2299 Topics in American Politics

Selected topics designated before the semester in the area of American politics. Topics vary from semester to semester as the department directs. May be repeated for credit as the topic changes. *3 credits*

POLS 2411 (CLAS 2303, ARCH 2303), Politicians in Antiquity

Topics in Greek and Roman political thought (democracy, tyranny, electoral campaigning, trial by jury, class strife, etc.) studied through political writings, historical evidence and literary texts. *3 credits*

POLS 2414 American Political Ideas

Introduction to major American political theorists, including representative thinkers such as Madison, Calhoun, Thoreau, Sumner, Dewey, Kirk, Viereck, Marcuse and King. *3 credits*

POLS 2490-2499 Topics In Political Theory

Selected topics designated before the semester in the area of political theory. Topics vary from semester to semester. May be repeated for credit as the topic changes. *3 credits*

POLS 2510 Practicum in Politics

Field experience and research on a part-time basis with either political party or candidates for legislative, executive or judicial offices. *3 credits*

POLS 2511 Internship in Public Administration and Policy Analysis

Field research with a public or a nonprofit agency on a part-time basis. Analysis and examination of functions, processes and outputs of an organization in the public sector. *3 credits*

POLS 2512 Washington, D.C. Internship

Opportunity for the student to be an intern in a governmental agency or nonprofit organization in Washington, D.C. Students are placed in legislative, judicial or executive branch agencies, depending on interests/career goals, and work five days per week for one semester. *6 credits*

POLS 2513 Washington, D.C. Research

Book critiques and a research paper that integrate information the student gains in the classroom with fieldwork experience. Supervised by the Seton Hall faculty liaison. *6 credits*

POLS 2514 Washington, D.C. Seminar

Students attend a weekly seminar led by a professor associated with the Washington Center for Internships and prepare a seminar paper. *3 credits*

POLS 2516 Nonprofit Practicum I

Field experience with nonprofit organization. Required for all Nonprofit Studies Minors. *3 credits*

POLS 2517 Nonprofit Practicum II

Extended field research designed for students seeking the American Humanics certificate. *3 credits*

POLS 2610 (ANTH 3220, SOCI 3514) Women and Politics

The evolving legal, political and governmental positions of women in the world. Cross-cultural implications of the politicization of women. *3 credits*

POLS 2611 (ASIA 3114) Asian Politics

Political systems and behavior in modern Japan, China, India and Southeast Asia. *3 credits*

POLS 2612 Western European Politics

The dynamics of politics and analysis of the evolution and present status of the political systems of selected European powers. *3 credits*

POLS 2613 Russian Politics

An analysis of the Russian political system created from the disintegration of the Soviet empire. Focus is on the process of transforming Russia from a communist system to a democratic and capitalistic state. *3 credits*

POLS 2614 Latin American Politics

Basic forces conditioning the politics of the area. The variety of governmental structures and party systems in Mexico, South and Central America. *3 credits*

POLS 2615 (AFAM 2312) African Politics

Examination of African political systems. The salient variables economic, social and political involved with discussion of specific experiences. Review of traditional background, colonial experience and post-independence era. *3 credits*

POLS 2616 (ASIA 3131) Contemporary Chinese Politics

Analysis of the political system of China, present trends and future prospects. *3 credits*

POLS 2617 Political Ferment in the Middle East

Forces shaping the patterns of politics in the post Cold War Middle East. Emphasis on Arab-Israeli relations and the challenge of Islamic fundamentalism. *3 credits*

POLS 2690-2699 Topics in Comparative Politics

Selected topics designated before the semester in the area of comparative politics. Topics vary from semester to semester. May be repeated for credit as the topic changes. *3 credits*

POLS 2710 International Political Economy

Intersections of varying economic systems in the global economy; international trade agreements, regional and global approaches to consumer and worker protection. Multinational corporations and regulations of their activities, functions and operations of the World Bank, International Monetary Fund, regional economic commissions of the United Nations, regional development banks, etc. *3 credits*

POLS 2712 International Organizations

An extensive theoretical and empirical introduction to international organizations such as the United Nations, The European Union, The Organization of African Unity, The Organization of Petroleum Exporting Countries and The Association of South-East Asian Nations. *3 credits*

POLS 2713 International Law

Evolution and basic concepts of international law. More specifically, cases involving conflict resolution, human rights and legal challenges to space, the sea and sovereignty are explored. *3 credits*

POLS 2790-2799 Topics in International Relations

Selected topics designated before the semester in the area of international relations. Topics vary from semester to semester. May be repeated for credit as the topic changes. *3 credits*

POLS 2910 (SOCI 2910, ENVL 2910) Research Methods

An introduction to social science research. Topics include problem selection and hypothesis formation and testing; research design; sampling; construction and administration of research techniques; elementary data analysis and ethical issues. Some statistical and computer applications. Prerequisite: Math 1203. *3 credits*

POLS 3014 (ENVL 3014) Ecology and Politics

Explores the relationship between politics and environmental policy in the U.S. Looks at specific problems such as pollution, global warming, species depletion, land management and hazardous waste. Explores attempts by government and other interested parties to rectify these problems. *3 credits*

POLS 3210 Constitutional Law

Approaches to Constitutional interpretation: Supreme Court decision making, Supreme Court as a small group. Fundamentals and principles of constitutional law. Illustrative case studies. *3 credits*

POLS 3211 Civil Liberties

Casebook analysis of the constitutional rights of the individual. Selected topics from the first, fourth, fifth, sixth, eighth and 14th amendments. Emphasis on contemporary issues and perspectives. *3 credits*

POLS 3212 American Federalism

Examination of the nature of the Federal system, with historical origins, constitutional evolution and contemporary problem areas highlighted. *3 credits*

POLS 3213 American Political Behavior

Examination of topics such as voter turnout, political ideology, political sophistication, among others. Impact of party identification, issues, and candidate characteristics on elections. *3 credits*

POLS 3214 Urban Politics

The politics of the cities and urban areas. Contemporary urban governmental forms, processes and problems. *3 credits*

POLS 3215 U.S. Political Economy

This course will critically examine the institutional, economic, and political factors that influence the economic decision making process at all levels of government. The student will develop an understanding of the theories, processes, principles, and concepts of public budgeting and governmental management of the economy. This course is divided into two parts. The first segment of the course will examine in detail how the federal government produces a budget and study the consequences of this process. The second part of the course will analyze the role of government in managing the economy. *3 credits*

POLS 3311 Research Methods II

Advances the students knowledge of research design issues, statistical and computer applications to the research process. Concentrates more fully on applications of research in organizational settings. *3 credits*

POLS 3410 Democracy

Considers various theories and practices of democratic society, including those of liberal, radical participatory and pluralistic democracy. Comparison of democratic theory and practice. *3 credits*

POLS 3412 Church, State, Law and Politics in America

The dynamic and changing relationship between religion and government in the U.S. Competing and cooperative actions between the institutions. Case studies in First Amendment rights. *3 credits*

POLS 3613 American Foreign Policy

Internal factors and global forces affecting policy and performance. Evolution of U.S. doctrine from isolationism to globalism. Current challenges and prospects. *3 credits*

POLS 3712 Human Rights: Policies and Practices

Articulates notions of human rights and, through case studies, examines repression around the globe. Seeks to develop and critique United States, United Nations, and other bilateral and multilateral approaches to solving human rights abuses. *3 credits*

POLS 3894 Political Science Co-op I

See Co-op Adviser *3 credits*

POLS 3895 Political Science Co-op II

See Co-op Adviser *3 credits*

POLS 3896 Political Science Co-op III

See Co-op Adviser *3 credits*

POLS 5010 Political Science Senior Seminar

Small group seminars in selected areas. This seminar is the capstone course and requires that students have completed most of their major courses before they enroll. *4 credits*

POLS 5011 Independent Study

Reserved for students who are unable to complete the Research Seminar in its normal format. Requires extensive collaboration with a faculty member and a major research report. *4 credits*

Department of Psychology

Jubilee Hall

(973) 761-9484

artsci.shu.edu/psychology

Faculty: Bentley; Buckner; Burton; Goedert; Hovancik; Levy (*Chair*); Meyer; Nolan; Rhines (*Co-op Adviser*); Silvestri; Simon (*Co-op Adviser*); Teague; Vigorito (*Director of Graduate Studies*)

Faculty Emeriti: Kendig; Lennon; Shannon

The Department of Psychology offers a program of study leading to the Bachelor of Arts degree. The department recognizes that the methods of scientific inquiry can be applied meaningfully and fruitfully to the understanding of individual behavior. The curriculum is designed to provide the student with a strong background in the methodology and content of psychology. Majors receive sound preparation for graduate study as well as for entry-level positions in psychology and related disciplines.

Major Program

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete a minimum of 45 credits in psychology of which 30 are required.

BIOL 1105-1106 and MATH 1202 also are required. Through the advising process, individual programs are tailored to the students' needs and objectives. The psychology major includes the following:

Required Courses (17 credits):		Credits
PSYC 1101	Introduction to Psychology	3
PSYC 1311	Using Computers in Psychology	3
PSYC 2311	Elementary Psychological Statistics	4
PSYC 3311	Research Methods In Psychology	4
PSYC 5111	Seminar in Psychology	3
Two Social Science courses (6 credits):		
PSYC 2211	Personality Concepts	3
PSYC 2212	Developmental Psychology	3

PSYC 2214	Abnormal Psychology	3
PSYC 2216	Social Psychology	3

Two Natural Science courses (one with laboratory) (7 credits):

PSYC 3213	Perception	3
PSYC 3215	Learning (with laboratory)	4
PSYC 3216	Motivation and Emotion	3
PSYC 3217/3227	Physiological Psychology(lab optional)	1/3
PSYC 3234	Cognitive Processes (with laboratory)	4

Psychology Electives (15 credits)**Total: 45**

Psychology Honors Program

Students with exceptional academic credentials and interest in advanced study in psychology are encouraged to apply to the Psychology Honors Program. This program involves the student in the design, execution, analysis and presentation of his or her original research project. This program also may be coordinated with the College of Arts and Sciences Honors Program.

Students enrolled in the Psychology Honors Program must complete a minimum of 48 credits in psychology. Additionally, modifications to the psychology major requirements are applied as follows:

1. Students must complete:

PSYC 3312	Advanced Experimental Psychology
PSYC 5112	Honors Research (taken in lieu of PSYC 5111)

2. Two of the following courses must be taken with a lab:

PSYC 3215	Learning
PSYC 3217/3227	Physiological Psychology/Laboratory
PSYC 3234	Cognitive Processes

3. Students must complete 12 credits of electives (not 15), and at least one of these must be a 2000- or 3000-level course.

Information about admission to the Psychology Honors Program and additional details about program requirements may be obtained from the department chair.

Minor Program

The psychology minor is designed to expose students to a range of perspectives, methodologies and content areas. In addition to the introductory course (PSYC 1101), students must select courses from each of the Developmental, Social Science and Natural Science categories. This provides sufficient breadth while permitting the students, with advisement, to obtain depth with the two remaining elective courses.

Required Course (3 credits):	Credits
PSYC 1101	Introduction to Psychology 3

Developmental Course (3 credits):

PSYC 1212	Child Psychology	3
PSYC 1213	Adolescent Psychology	3
PSYC 1214	Adult Development	3
PSYC 2212	Developmental Psychology	3

Social Science Course (3 credits):

PSYC 1211	Psychology of Adjustment	3
PSYC 2211	Personality Concepts	3
PSYC 2214	Abnormal Psychology	3
PSYC 2216	Social Psychology	3

Natural Science Course (3 or 4 credits):

PSYC 3213	Perception	3
PSYC 3215	Learning (with laboratory)	4
PSYC 3216	Motivation and Emotion	3
PSYC 3217	Physiological Psychology	3
PSYC 3234	Cognitive Processes (with laboratory)	4

Psychology Electives (6 credits)**Total: 18-19**

Dual Degree Program in Psychological Studies

The Departments of Psychology (College of Arts and Sciences) and Professional Psychology and Family Therapy (College of Education and Human Services) offer a dual degree program leading to a Bachelor of Arts in Psychology (B.A.) and Master of Arts in Education (M.A.E.). This five-year program permits students to take four required courses from the graduate Psychological Studies program during their senior year. Satisfactory completion of the M.A.E. program would enable entry into one of the Professional Psychology and Family Therapy (PPFT) Ed.S. practitioner programs in School Psychology, Mental Health Counseling, or Marriage & Family Therapy. Selection of graduate electives should be done in consultation with the PPFT graduate program advisor.

Requirements for Program Admission:

- Have senior status (90 credits) by the time courses begin (apply in the second semester of junior year)
- Completed graduate application (available online or 4th Floor KOZ)
- Overall Undergraduate GPA 3.0; Psychology GPA 3.2
- Letter of recommendation from major advisor
- Personal Statement

List of required courses:

Course number	Name	Credits
PSYC 1101	Introduction to Psychology	3
PSYC 1311	Using Computers in Psychology	3
PSYC 2311	Psychological Statistics	4
PSYC 3311	Research Methods	4

Two from PSYC 2211, 2212, 2214, 2216	Psychology as a Social Science	6
Two from PSYC 3213, 3215, 3216, 3217	(One with laboratory) Psychology as a Natural Science	7
PSYC 5111	Seminar in Psychology	3
	Psychology electives	15
	Total	45
CPSY 6002	Counseling Theory	3
CPSY 6003	Counseling Skills	3
CPSY 8100	Cross-Cultural Psychology	3
	Elective	3
	Total	12

List of elective courses:

Course number	Name	Credits
CPSY 7101	Research Methods	3
CPSY 6105	Biological Bases of Behavior	3
CPSY 6303	Community Agencies/ Counseling & Consultation	3
EDST 6336	Educational Psychology	3
EDST 6337	Western Traditions in Society	3
CPSY 6301	Career Development & Information	3
CPSY 6316	Group Counseling	3
CPSY 7620	Seminar in Systematic Therapies	3
CPSY 6315	Advanced Counseling Skills	3
CPSY 8541	Mind/Body Issues and Interventions	3
CPSY 8540	Psychotherapy, Religion, & Spirituality	3
GMPA 6103	Health Maintenance & Education	3
NURS 6223	Health Promotion	3
PTHO 6741	Spirituality & Psychology	3
CPSY 7105	Psychology of Sport & Exercise	3
GMAT 6014	Exercise Physiology	4
BPSM 7535	The Management of Sports Organizations	3
CPSY 8541	Special Topics:Case Studies in Sport Psychology	3

Course Descriptions**PSYC 1101 Introduction to Psychology**

Survey of the major content areas of psychology, including physiological, perception, motivation, learning, cognition, personality, developmental, abnormal and social. *3 credits*

PSYC 1113 Psychology for Law Enforcement Officers

Psychological principles as applicable to the police officer's work experience. Domestic violence and child abuse, suicide, stress, crisis intervention, plus research papers and examinations. Interviewing, human relations, mental abnormality, crime, leadership and group control, the work of court and prison psychologists and parole. Various methods of rating and testing police officers by psychological methods and the problem of motivation. *3 credits*

PSYC 1116 Psychology for Business Majors

Synthesizes theory and research from general, social and industrial/organizational psychology to introduce business students to topics in psychology that are relevant to their major.

Oriented toward application of psychological knowledge of the processes and problems inherent in understanding, communicating and working with others in business settings. *3 credits*

PSYC 1211 Psychology of Adjustment

Contrasts normal with maladaptive adjustment. Attempts to develop a comprehensive theoretical model of human behavior stressing self-understanding. *3 credits*

PSYC 1212 Child Psychology

Child behavior and development with reference to motor abilities, language, intelligence, cognition, emotional and social development. Emphasis on normal human development in the early stages of life. May not be taken for credit if student has completed PSYC 2212. *3 credits*

PSYC 1213 Adolescent Psychology

Fundamental biological, cognitive and psychosocial changes during adolescence in the context of family, school and peer group. *3 credits*

PSYC 1214 Adult Development

Study of men and women over the life span, beginning with early adulthood and concluding with death. Emphasis on the patterns of change and stability that occur as a function of biological, social and psychological development in life. *3 credits*

PSYC 1215 (WMST 1215) Psychology of Gender (formerly Psychology of Women)

Examines biological, cultural and psychosocial influences on female development and personality. Emphasizes the role of women in contemporary culture. *3 credits*

PSYC 1216 Industrial/Organizational Psychology

Knowledge and methods of behavioral science applied to the structure and problems of industry. *3 credits*

PSYC 1217 Psychology of Careers

The psychological and psychosocial factors related to career development and adjustment. Critical analysis of psychological theories relevant to these topics. *3 credits*

PSYC 1218 Drug and Alcohol Abuse

Psychosocial factors leading to drug use and abuse. Short and long-term psychological effects, as well as systematic approaches to institutional modification. *3 credits*

PSYC 1219 Sport Psychology

Introduction to the psychological aspects of athletic performance. Topics include roles of personality, physiology, motivation and cognition in sport. Training techniques found to improve performance. *3 credits*

PSYC 1221 Exceptional Child Psychology

Overview of psychological, biological, sociological and educational aspects of exceptionality. Giftedness, mental retardation, visual and hearing impairments, communication disorders, behavior problems, learning disabilities and physical handicaps. *3 credits*

PSYC 1311 Using Computers in Psychology

Overview of the ways computers are used in psychology and related disciplines. Interfacing computers for purposes of experimental control and monitoring of behavior, statistical analysis, database management, word processing, simulation and applications programming. Prerequisites: for Psychology majors. *3 credits*

PSYC 2111 History of Psychology

Historical development of psychology from its origin in early philosophical thinking to the introduction of scientific methodology to the study of individuals. Prerequisite: PSYC 1101. *3 credits*

PSYC 2112 Systems of Psychology

Major areas of psychology from scientific beginnings to the present. Emphasis on development of these areas from the view of experimental research and theory. Prerequisites: PSYC 1101. *3 credits*

PSYC 2211 Personality Concepts

Individual, social and cultural factors in personality formation and development. Introduction to the concepts underlying the major theories of personality. Prerequisites: PSYC 1101. *3 credits*

PSYC 2212 Developmental Psychology

Basic principles, data and methods in the study of human development from conception to death. Prerequisites: PSYC 1101. May not be taken for credit if student has completed PSYC 1212. *3 credits*

PSYC 2213 Adult-Child Relations

Specific child-rearing techniques of use with various age groups. Helps teachers and parents develop positive relationships with children that promote physical and emotional health, and establishes a sound foundation for the development of desirable attitudes and socially effective behavior. Prerequisites: PSYC 1101. *3 credits*

PSYC 2214 Abnormal Psychology

Introduction to the field of psychopathology and personality disorders. Examination of problems, causes and treatment approaches. Prerequisites: PSYC 1101. *3 credits*

PSYC 2215 Psychological Testing

Theory, methodology and critique of psychological assessment and testing. Exposure to aptitude, achievement, vocational and personality tests, as well as interview assessment techniques. Prerequisites: PSYC 1101. *3 credits*

PSYC 2216 Social Psychology

Introduction to the major theoretical views and research in the field, including examinations of conformity and rejection; the bases of attraction, aggression and violence; the development of attitudes and beliefs; prejudice and discrimination. Relationship of principles and research to daily life is emphasized, including applications to advertising, health and law. Prerequisites: PSYC 1101. *3 credits*

PSYC 2217 Consciousness

Modern concepts of consciousness, including the physiological correlates of normal and altered states of awareness: split-brain studies, hypnosis, sleep and dreaming, meditation, biofeedback, parasensory experiences and alternative forms of healing.

Synthesis of Western scientific models of consciousness with Eastern philosophical systems of thought. Prerequisites: PSYC 1101. *3 credits*

PSYC 2311 Elementary Psychological Statistics

Descriptive and inferential statistics in the design and interpretation of experimental data. Includes computer laboratory. Prerequisites: PSYC 1101 and MATH 1202; minimum grade of C- in PSYC 1311. *4 credits*

PSYC 2312 Advanced Psychological Statistics

Further elaboration of statistical theory and techniques. Consideration of sample size, statistical errors, analysis of variance, regression analysis and non-parametric statistics. Includes computer laboratory. All 3000-level courses require junior or senior standing. Prerequisite: PSYC 2311. *4 credits*

PSYC 3211 Theories of Personality

Critical examination of personality theories and research in relevant areas. Prerequisite: PSYC 1101. *3 credits*

PSYC 3212 Advanced Social Psychology

Research in the theoretical and applied areas of the field. Comprehensive examination of the major theories in the areas of contemporary interest. Prerequisite: PSYC 2216. *3 credits*

PSYC 3213 Perception

Examination of research literature pertaining to visual, auditory, olfaction, gustation, skin and pain perception. Surveys of psychophysical methods; basic principles of visual acuity, color perception, perception of movement, constancies, development and learning, illusions, form identification, sound localization and perception of speech. Prerequisites: PSYC 1101. *3 credits*

PSYC 3214 Cognitive Processes

Examination of theory and research on the mental processes that characterize thought, including attention, perception, memory, language, reasoning and problem solving. Prerequisites: PSYC 1101. *3 credits*

PSYC 3215 Learning

An evaluation of the historical and contemporary research literature and theoretical issues concerning basic learning principles and processes (includes laboratory). Prerequisites: PSYC 1101. *4 credits*

PSYC 3216 Motivation and Emotion

Survey of historical and contemporary theories of motivation and emotion integrating concepts that have emerged from biological, cognitive and social approaches. Prerequisites: PSYC 1101. *3 credits*

PSYC 3217 Physiological Psychology

Survey of the physiological basis for sensation and perception, motivation and emotion, altered states of consciousness, and learning and memory. Basic neurophysiological methods and the functions of the nervous system included. Prerequisites: PSYC 1101. *3 credits*

PSYC 3218 Developmental Psychobiology

Phylogenetic and ontogenetic development of behavior. Emphasis on biological evolution and the human being's place within the natural framework. Life span development empha-

sized with focus on the future developmental potential of humanity. Prerequisites: PSYC 1101. *3 credits*

PSYC 3219 Psychology of Language

Introduction to psycholinguistics: the study of language from a psychological perspective. Overview of the structure of human languages, including phonology, syntax and semantics. Discussion of language acquisition, language use, brain mechanisms and language, language disorders and animal communication. Prerequisites: PSYC 1101. *3 credits*

PSYC 3227 Physiological Psychology Laboratory

Experimental examination of the role of physiological mechanisms in the mediation and control of behavior. Exercises include current techniques used to manipulate the nervous system and observe changes in behavior. Pre- or Corequisite: PSYC 3217. *1 credit*

PSYC 3234 Cognitive Processes

Examination of theory and research on the mental processes that characterize thought, including imagery, language, attention, memory, reasoning and problem solving, with discussion of the simulation of mental behaviors (includes laboratory). Prerequisite: PSYC 1101. *4 credits*

PSYC 3311 Research Methods in Psychology (formerly Experimental Psychology)

Examination of the principal methods of empirical psychological research with particular emphasis on experimental design and control procedures. Students develop the ability to assess and critically analyze extant psychological research and report their own research in standardized American Psychological Association (APA) format. Prerequisite: minimum grade of C- in PSYC 2311. *4 credits*

PSYC 3312 Advanced Experimental Psychology

Practical applications of the principles learned in PSYC 3311 in the laboratory or field environment. The student is involved in the design, execution, analysis and interpretation of an original research project. Students enrolled in the Psychology Honors Program will propose and design their honors project under the direction of a faculty adviser. Prerequisites: PSYC 3311 and approval of the instructor. *4 credits*

PSYC 3408-3413 Practicum in Psychology

For students who have sufficient theoretical background to participate in applied fieldwork with a professional agency. Placement settings are based upon student objectives and are chosen in consultation with the instructor. Courses may be taken for a total of 12 credits. Prerequisites: PSYC 1101 and approval of instructor. *3/6 credits*

PSYC 3591-3594 Independent Study

Directed study and research in individual areas selected by the student in consultation with department adviser. Courses may be taken for a total of 6 credits. Prerequisites: PSYC 1101 and approval of faculty adviser. *1/2/3 credits*

PSYC 3691-3698 Emerging Topics in Psychology

Special topics in emerging and/or specialized areas of psychology. Topics are designated before the semester and vary from semester to semester as the department directs. Can be repeated in instances where topics change to a maximum of 6 credits. Prerequisites: PSYC 1101 and approval of instructor. *1/2/3 credits*

PSYC 3894 Psychology Co-op I

See Co-op Adviser *3 credits*

PSYC 3895 Psychology Co-op II

See Co-op Adviser *3 credits*



PSYC 3896 Psychology Co-op III

See Co-op Adviser *3 credits*

PSYC 5111 Seminar in Psychology

An integrative course requiring the student to survey and organize the primary research literature and prepare an American Psychological Association (APA) format term project. Prerequisite: minimum grade of C- in PSYC 3311. For senior psychology majors. *3 credits*

PSYC 5112 Honors Research

Students will conduct the research project designed and approved in PSYC 3312. Course includes data collection, statistical analyses and presentation of results in an American Psychological Association (APA) style research paper. Open to students in the Psychology Honors Program. Prerequisites: PSYC 3312 and approval of instructor. *4 credits*

Department of Religious Studies

Fahy Hall

(973) 761-9331

artsci.shu.edu/rs

Faculty: Abalos; Aburayia; Ahr; Cafone; Carter (*Chair*); Choi; Conway; Eichman; Liddy; Martin; Milewski; Mitchell Jr.; Morley; Murzaku; Sciglitano; Webb

Faculty Emeriti: Ballweg; Debold; Nardone; Pire

The Department of Religious Studies offers a program of study leading to the Bachelor of Arts degree. The department seeks to give students an understanding of Christian theology and the phenomenon of religion in its various manifestations. The religious quest is investigated in relation to other areas of life, particularly human relationships, social interaction and political realities.

Non-majors are advised to select introductory level courses early in their college programs and continue selections that complement their major programs or represent a diversion from them as well as help to develop new interests in fundamental issues of life and its meaning.

Major Program

The Religious Studies program offers courses in four areas:

- Biblical Studies
- Christian Tradition
- World Religions
- Ethical Studies

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete a minimum of 36 credits in religious studies. Students may modify the major program only in consultation with a department adviser.

Degree Requirements

The curriculum for the religious studies program comprises three levels. Courses designated with an asterisk (*) are required for all religious studies majors.

Level I: Introductory Level Courses (9 credits)

Choose three of the following five courses:

RELS 1102	Introduction to the Bible
RELS 1202	Christian Belief and Thought
RELS 1302	Introduction to Catholic Theology
RELS 1402	World Religions
RELS 1502	Contemporary Moral Values

Level II: Advanced Level Courses (24 credits)

RELS 2010*	Methods in the Study of Religion and Theology
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RELS courses numbered between 2100-3999

In consultation with their departmental advisers, religious studies majors complete the course in method (3 credits), and then choose four advanced courses (12 credits) from one of the four major areas of study. In order to ensure breadth of study, majors are further advised with respect to three advanced courses (9 credits) from one or more of the three remaining major areas of study.

Level III: Seminar (3 credits)

RELS 4010* Religious Studies Seminar This seminar serves as the capstone for the religious studies program. Prerequisites are 75 credits overall, with 27 credits in religious studies (including RELS 2010).

Minor Program

To earn a minor in religious studies, students must complete the following program:

- 9 credits in introductory courses
- 3 credit course RELS 2010 Methods in the Study of Religion and Theology
- 9 credits in one of the four areas of study

Religious Studies National Honor Society

Theta Alpha Kappa (TAK), Local Chapter: Alpha Omicron

Students with a 3.0 GPA and 3.5 in Religious Studies who have earned 12 credits in religious studies are encouraged to apply for membership.

Course Descriptions

RELS 1010 The Religious Dimension of Life

Analyzes the philosophical, psychological and theological foundations of human faith and religious belief. Considers the attitude and practices that characterize humanity as religious. *3 credits*

RELS 1102 Introduction to the Bible

Formation of the Bible. Its literary, archaeological, historical and theological dimensions. The religious communities of biblical times; their world views, beliefs and religious commitments. *3 credits*

RELS 1202 (CAST 1202) Christian Belief and Thought

Introduction to significant doctrines and an exploration of Christian theology in a historical context. Emphasis on the development of Christian faith and theology. *3 credits*

RELS 1302 (CAST 1302) Introduction to the Catholic Vision

Approaches to revelation and theology, the reality of God and the triune nature of God; cosmology; and the problem of evil, the Church and the sacraments in the teaching of Vatican II. Traditional and nontraditional eschatology. *3 credits*

RELS 1402 (ASIA 1101) World Religions

Basic issues in major faith traditions of the world. Special emphasis on the religious experience as expressed in sacred literature and specific worldviews and mythologies. Considers traditional rituals and symbols, as well as nontraditional forms used to express a response to the sacred. *3 credits*

RELS 1502 Contemporary Moral Values

Explores personal and communal moral experience in the light of faith, and the relationship between human values and Christian belief. Examines methods of moral decision-making and the norms that guide human behavior. *3 credits*

RELS 2010 Methods in the Study of Religion and Theology

Primarily for religious studies majors and minors. Methodologies used in academic study of religion and theology. Emphasizes major figures and theories in each of the various approaches. Prerequisites: three courses at the introductory level. *3 credits*

RELS 2111 Genesis and Exodus

Formation of sacred literature in the ancient world, particularly that of ancient Israel. Mosaic and prophetic traditions as they emerged in the Bible. Detailed discussion of social, political and religious movements important for understanding what the Bible authors intended to say. Significant contributions from archaeology of the Near East in the form of slides, pictures and artifacts. *3 credits*

RELS 2112 The Prophets

Prophetic faith in historical perspective. Formation of the prophetic literature in relation to other biblical books. Prophetic "charisma" as expressed in the Bible and other cultures analyzed through psychology of religion, sociology of religion, comparative religion and modern theology. Prophetic awareness of individual and social responsibility. *3 credits*

RELS 2113 Ancient Wisdom and Modern Ethics

Values promoted in the wisdom literature of Egypt, Mesopotamia and Israel. Particular emphasis upon Proverbs, Job and Ecclesiastes. Critique of values compared and contrasted with modern social mores. *3 credits*

RELS 2121 Archaeology and the Bible

Archaeological discoveries pertaining to the world of the Bible. The value and limitations of using archaeological and other scientific data for interpreting biblical narratives. Topics include creation/evolution, the flood, the exodus from Egypt, the rise and fall of Israel and Judah, the Babylonian exile, Jerusalem and other biblical sites. *3 credits*

RELS 2122 Practicum in Biblical Archaeology

Application of archaeological method to specific biblical topics. *3 credits*

RELS 2130 Jesus in Film and Theater

Examines the relationship between religious tradition and artistic expression. Studies classic artistic portraits of Jesus and the tension between religion and the arts. Introduction to historical Jesus research; critical film theory; and attitudes toward Jesus in film, novels and plays. *3 credits*

RELS 2150 Jesus in the New Testament

First-century Palestine is the setting for understanding Jesus in his own history. Modern approaches for understanding Christ as expressed in the faith of the early Christian communities. *3 credits*

RELS 2151 The Gospels of Matthew, Mark and Luke

Gospels as literary testimonies to Christ risen and present. The writers distinctive theological viewpoints passed from the lifetime of Jesus through a period of oral teaching to the final forms. *3 credits*

RELS 2152 The Gospel and Letters of John

Analysis of the background and text of the fourth Gospel. Discussion of its understanding of Christian experience and belief in Jesus as Word Made Flesh. Analysis of the Letters of John in relationship to early Christianity. *3 credits*

RELS 2153 The Letters of Paul

The life, letters and theology of the Apostle Paul. His Jewish heritage, his relationship to Christ and his mission as "Apostle to the Gentiles." *3 credits*

RELS 2160 (WMST 2160) Women in the Biblical Tradition

Examines the role and place of women in the Ancient Near East, Biblical Israel, Judaism and the New Testament. Compares textual and mythic traditions of Near Eastern and Greco-Roman society, women in the archaeological artifacts and introduces recent feminist interpretations of biblical texts. *3 credits*

RELS 2221 Early Christian Thought

Study of Christianity from Jesus and the apostolic preaching to the end of the great ecumenical councils. Emphasis on the development of theology, the structure of the Church and its interaction with society and culture, including Christian art and literature. *3 credits*

RELS 2222 Medieval Christian Thought

Development of Christian thought from Augustine to the eve of the Reformation. Influence of Augustine in the West; widening breach between Eastern and Western Christendom; rise of Islam and the interaction of the monotheistic faiths; religious orders and the universities; scholasticism and the achievement of Thomas Aquinas; dissolution of the medieval synthesis. *3 credits*

RELS 2223 Modern Christian Thought

Development of Christian thought from the Reformation to modern times. Early attempts at reform; the Protestant Reformation in Germany, Switzerland and England; the Council of Trent and the Catholic Reformation; the Orthodox Churches; the Peace of Westphalia and the religious settlement;

the challenge of rationalism and the Christian response in modern times. *3 credits*

RELS 2224 Eastern Christianity

Study of Eastern Christian Churches, past and present; their history, faith and doctrine; worship and sacraments and relations with the West. *3 credits*

RELS 2231 Jewish-Christian Relations

A survey of the historical and theological relationship of Jews and Christians beginning with the New Testament and culminating with the events of the twentieth century and the present day. The history of relations between Jews and Christians is a tormented one and has often been quite negative. During the last several decades, however, the Church and the Jewish people have reached a rapprochement that is honest, repentant and enriching of both. *3 credits*

RELS 2241 Introduction to Ecumenism

Contemporary movement toward Christian unity and human solidarity, described in terms of its biblical roots and theological principles. Obstacles to unity and solidarity; ecumenical progress of recent decades and future possibilities. *3 credits*

RELS 2242 The Papacy in Ecumenical Perspective

Attitudes of the various Christian churches to the papacy. Past history; present position in regard to papal primacy and infallibility; prospects for the future. *3 credits*

RELS 2261 (AFAM 2417) The Black Church

A survey of the major institution for religious expression developed by African-Americans from its origins in slavery until the contemporary urban period. The social, economic and political role of the Black church as well as its cultural and religious functions are examined. *3 credits*

RELS 2311 The Problem of God

The question of God as associated with the human need to find meaning. The "God" problem as a "human" problem. Explores past and modern efforts to speak of God in a language relevant to a contemporary experience of life. *3 credits*

RELS 2312 The Church

Relationship between society and Church with a view toward determining the authentic nature and function of the Church. *3 credits*

RELS 2313 Christian Spirituality

Religious experience as the heart of various forms of Christian spirituality. Conceptual frameworks that influence the manner of experiencing God. Examines several fundamental models of the Christian experience to gain insight into a personal and communal contemporary spirituality. *3 credits*

RELS 2314 Sign, Symbol and Sacrament

Worship as the central activity of the faith community gathered in God's presence. Sacraments, liturgy and worship, signs and symbols, sacred times and seasons, grace and transformation; relationship between prayer and belief and between belief and behavior. *3 credits*

RELS 2315 Theology of Marriage

Past and present Christian understandings of the marital relationship in light of Scripture and sacramental theology. Insights about marriage based on knowledge from psychology and anthropology. Christian marriage as promise, symbol and vocation. *3 credits*

RELS 2316 Theology of Death

Consideration of death and dying, particularly from a Christian perspective. Death as a part of life; death as something in itself; death as a beginning. *3 credits*

RELS 2322 Religion and Contemporary Culture

Explores the relationship between Christian faith and American culture. Themes of creation, incarnation and redemption are related to democracy, scientific evolution and ecology. Fullness of faith is challenged by the culture in which it is lived. *3 credits*

RELS 2323 Mind and Spirit

Examines the relationship between psychology and spirituality as each contributes to a holistic perspective on the "human person." Introduction to the contribution of various psychological traditions to the study of spirituality and the practice of the spiritual life. Additional prerequisite: PSYC 1101 or PSYC 1105-1106. *3 credits*

RELS 2410 Archaeology of the Ancient Near East

Pre-Christian religious heritage of the West, in light of ancient documents and modern archaeology, with emphasis on key historical situations and sites of the ancient Near East. *3 credits*

RELS 2411 Jewish Beliefs and Practices

Survey of the beliefs and observances of Judaism designed particularly for the Christian student. Jewish religious texts, the Sabbath and festivals, the family's role within Judaism, dietary laws, prayer and contemporary religious movements within Judaism. *3 credits*

RELS 2412 The Holocaust

Survey of Nazi policies and actions against the Jews of Europe from 1933 to 1945. Historical Christian anti-Semitism and its relationship to the Holocaust; an historical description of the Holocaust, Christian reaction to it, and the reflections of Jewish and Christian theologians on the meaning of the Holocaust. *3 credits*

RELS 2415 Introduction to Islam

Introduction to basic elements of the Islamic tradition: the Koran, Prophet Muhammad, beliefs, rituals, mysticism, the arts, social and political history. *3 credits*

RELS 2416 Islamic Spirituality and Mysticism

Islamic culture and religion explored through the lens of the development of Muslim forms of spirituality, including the dimension known as Sufism or Islamic mysticism. Major doctrines and practices associated with Muslim spirituality in its varied cultural forms - philosophical treatises, poetry, prose, rituals, prayer and the arts. *3 credits*

RELS 2511 Christian Values and Health Issues

Overview of some of the more significant ethical issues in medicine, biological research and health care confronting society,

including genetic engineering, behavior modification, abortion, human experimentation, allocation of healthcare resources. Special emphasis on the Catholic moral traditions, with some examination of other Christian, Jewish and secular moralists. *3 credits*

RELS 2512 Ethics and Business

Introduction to recent Christian teaching pertaining to the relationship between Christian values and the economic life of society. The principle of economic justice in society in light of Christian teachings. Exploration of a new international order through student-teaching dialogue. *3 credits*

RELS 2513 Theology of Peace

War and peace in the Christian tradition: biblical foundations, pacifism of the early Church, Augustine and the Just War tradition, the tradition of non-violence and modern Catholic social teaching. Explores alternatives to violence through research and student-teacher dialogue. *3 credits*

RELS 2514 Theology of Sexuality

Examines the Catholic Christian view of sexuality first historically, then with a positive, contemporary approach. Considers present-day issues of sexuality in the light of faith. *3 credits*

RELS 2515 Religion and Aging

Role of religious traditions in world cultures with reference to old age, life review, life satisfaction and life closure. Religiosity and spiritual well-being in contemporary gerontology literature. Religion in service and cooperation with state programs for alleviating inhumaneness in advanced aging. Positive evaluation of a "new generation," the elders in society. *3 credits*

RELS 2516 Religion and Revolution

Relationship between religion and social change. Topics include the role of religion in discerning the future direction of individuals and society; resources the religious dimension brings to an evaluation of social, political and cultural change. *3 credits*

RELS 2517 the Sacred and the Political

Examines the deepest ground upon which life is founded. No religion or political dogma, or institution is taken for granted. Compares radically different responses to the question: "In the service of what ultimate way of life do we respond to the sacred and the political faces of life?" This question is explored from the perspective of a theory of transformation. *3 credits*

RELS 2520 (CAST 2520) Catholic Social Teaching

Emphasizing the Catholic social encyclical tradition, the course investigates the theoretical and practical relationships between Christian belief and thought, and social and economic life (involving issues of economic justice, peace, race, gender, family, etc.). In so doing, we explore the lives of those who have worked to shape Christian social justice movements, and other concrete contemporary applications of Catholic social teaching. *3 credits*

RELS 3190 Art and Archaeology of the Ancient Near East

Near Eastern religious, aesthetic, cultural and social patterns as expressed in art, sculpture, architecture and literature retrieved through archaeology from specific sites representing earliest times to the Persian and Hellenistic periods. Development of

archaeology, especially in relation to museums, with practical applications of reconstruction, conservation and exhibition. Prerequisite: junior class standing (60 credits). *3 credits*

RELS 3191-3193 Special Questions in Biblical Studies

3 credits each

RELS 3391-3393 Special Questions in Christian Tradition

3 credits each

RELS 3433 Women, World Religions and Human Rights.

We will examine the role of the world's religions in defining the nature, roles, and rights of women. We will look at both traditional religious sources and contemporary discussions on women and gender from a variety of perspectives, including Judaism, Christianity, Islam, Hinduism, Buddhism, Confucianism. *3 credits*

RELS 3434 Women, Gender and Islam

We will examine the concept, role, and status of women in Islamic religion and societies, both historically and in the contemporary world, looking at both traditional and modern sources on gender and human rights. *3 credits*

RELS 3491-3493 Special Questions in World Religions

3 credits each

RELS 3591-3593 Special Questions in Ethical Studies

3 credits each

RELS 3894 Religious Studies Co-op I

See Co-op Adviser *3 credits*

RELS 3895 Religious Studies Co-op II

See Co-op Adviser *3 credits*

RELS 3896 Religious Studies Co-op III

See Co-op Adviser *3 credits*

RELS 3991-3993 Independent Study of Religion and Theology

Individual study of a student-selected topic under an appropriate professor in a program approved by the department chair. *1/2/3 credits*

RELS 4010 Religious Studies Seminar

Final project in religious studies relating to current trends in the study of religion, theology and other disciplines. Prerequisites: 75 credits overall, with 27 credits in religious studies (including RELS 2010). *3 credits*

Department of Social Work

Arts and Sciences Hall

(973) 761-9470

artsci.shu.edu/Undergraduate/socialw/index.html

Faculty: Blake; Quartaro (*Chair*)

The Department of Social Work offers a program leading to the Bachelor of Arts degree. The program prepares students for entry-level generalist professional practice and qualifies graduates for State certification. In addition, graduate programs in social work usually offer waiver of courses and advanced standing status to program graduates who are accepted for MSW

education. The program also provides general preparation for graduate study in law, public administration and international affairs.

Social work is practiced in many different types of organizations and agencies. The special concerns of social work are poverty, illness, racism, sexism, ageism and oppression. Social work is committed to the prevention of social problems, to the provision of social services and to respect for human diversity.

Within this context, the curriculum of the social work program is planned to enable students to acquire knowledge; practice and research skills; and to develop the value orientation, the self-discipline and the self-awareness required for generalist professional practice.

Field practice (junior and senior-year internships) is an integral part of the total education program and provides opportunity to apply classroom content.

All University students may take social work courses (except SOWK 4511, 4512, 4611, 4711, 4811, 4812 and 5111), but formal candidacy in the social work program requires application and consultation with the chairperson. Acceptance into candidacy is not automatic, and application must be made prior to the beginning of the senior year.

Program advisers are available for consultation and guidance in developing individualized study programs as well as exploration into the appropriateness of social work as a professional career choice. Prospective social work candidates should seek advisement with department faculty as early as possible.

The program is nationally accredited by the Council on Social Work Education.

Field Practice Agencies

Practicum sites include healthcare facilities; mental health centers; schools, corrections and other criminal justice programs; child welfare agencies; poverty programs; senior citizen programs; community action programs; multi-service centers; family service agencies; child guidance clinics; legal services; substance abuse treatment programs and others.

Major Program

In addition to the requirements of the College of Arts and Sciences, a total of 45 social work class and field credits are required.

Credits

SOWK 1111	Introduction to Social Work	3
SOWK 2301	Social Policy Analysis	3
SOWK 2401	Social Welfare: Commonality and Diversity	3
SOWK 3611	Introduction to Helping Skills	3
SOWK 3711	Theory and Practice of Social Work I	3
SOWK 3811	Helping Careers Practicum	3

The following courses must be taken concurrently in the senior year, September through May. Formal candidacy, consultation with program advisers, completion of 100 credits and

satisfactory completion of the above-listed courses are prerequisites.

SOWK 4511-4512	Behavior and Environment I-II	6
SOWK 4611	Social Work Practice and Research	3
SOWK 4711	Theory and Practice II	3
SOWK 4811-4812	Senior Practicum I-II	12
SOWK 5111	Senior Seminar	3

Total: 45

Additional Requirements

Social work students also must complete the following courses in other departments.

1. All of the following, some of which also satisfy the arts and sciences core curriculum:

AFAM 2311	Public Institutions and the African American
ANTH 1202	Introduction to Cultural Anthropology
BIOL 1101	Introduction to Biology
ECON 1411	Introduction to Economics
MATH 1203	Statistical Models for the Social Sciences
PSYC 1101	Introduction to Psychology
PSYC 2214	Abnormal Psychology
SOCI 1101	Principles of Sociology
SOCI 2910	Research Methods I

2. One of the following:

SOWK 1193	Independent Study in Social Work
SOWK 1311	Children and Youth in Society
SOWK 1314	Social Work and Law
SOWK 1332	Disability Advocacy and Law
SOWK 1333	Current Issues and Trends in Social Work Practice
SOWK 1335	Family Violence
SOWK 1911	Introduction to Gerontology

Social Work Minor

A minor in social work is available. The minor consists of 18 credits in social work courses, excluding those at the 4000 and 5000 level, which are open to social work majors only.

Students wishing to pursue a minor in social work must notify the department in writing and be assigned a faculty adviser.

Course Descriptions

SOWK 1111 Introduction to Social Work

Introduces components of generalist social work practice. Includes: social work fields of practice, special (at risk) populations, the value of human diversity, and issues of poverty and oppression. Includes an interview with a professional social worker in the community. *3 credits*

SOWK 1191-1193 Independent Study in Social Work

Individualized and guided study in social work. Covers a variety of topics and can include fieldwork, community service and

research. Prerequisite: permission of instructor, chair and dean. *1/2/3 credits*

SOWK 1311 Children and Youth in Society

Overview of principal supportive, supplementary and substitutive child and youth welfare services: family and child guidance, social insurance, public assistance, education and employment, day care, protective services, adoption, institutional care and advocacy. *3 credits*

SOWK 1314 (AFAM 1518) Social Work and the Law

Examines the interaction of the disciplines of law and social work, as well as the interaction of the professional lawyer and social worker. *3 credits*

SOWK 1332 Disability, Advocacy and the Law

Examines contemporary laws and policies that enable disabled persons to maximize social functioning. Provides models for professional intervention and redefines the experience of disability. *3 credits*

SOWK 1333 Current Issues and Trends in Social Work Practice

Examines selected issues and trends in social work practice. Areas selected for study vary each semester as need and demand indicate. *3 credits*

SOWK 1335 (WMST 1335) Family Violence

Examines the causes, manifestations, preventive strategies, and interventions applicable to the inappropriate use of force between and among persons known to each other, including acquaintance rape; spouse battering; child, adolescent and elder abuse. *3 credits*

SOWK 1911 Introduction to Gerontology

Overview of the basic facts about aging and aging processes, including demography, biology, psychology, sociology and policy analysis. *3 credits*

SOWK 1912 Psychosocial Aspects of Aging

Examination of the person/situation of older adults, focusing on factors contributing to behavioral stability and change over time. Emphasis on traits, self-concepts, and lifestyles; the roles of older adults; and the relationship of both person/situation to successful aging. *3 credits*

SOWK 2301 Social Policy Analysis

Analyzes major factors involved in social policies, programs and organizations. These are presented using functional, structural and conflict perspectives. Examines how the interplay of politics, economics, social values and professionalism shapes the social welfare institution in the United States. *3 credits*

SOWK 2401 Social Welfare: Commonality and Diversity

Develops a conceptual framework for knowledge building and enhancement of understanding of the social welfare system and how it is made available to and used by different groups in the United States and elsewhere. *3 credits*

SOWK 3611 Introduction to Helping Skills

First course in a sequence of three theory and practice (meth-

ods) courses including comprehension and application of ethical caring, self-awareness, respect, effective communication and resource mobilization. *3 credits*

SOWK 3711 Theory and Practice I

The second course of three theory and practice (methods) courses designed to help students develop the competencies required for ethical, effective and compassionate generalist professional practice. Prepares students for micro/mezzo practice with individuals, families, small groups, organizations and communities. Human diversity is featured. Student-prepared journals are the major learning assessment tool utilized.

Prerequisite: SOWK 3611. Corequisite: SOWK 3811. *3 credits*

SOWK 3811 Helping Careers Practicum

Introductory field work experience for students planning a career in the helping professions. Students maintain written records and report to agencies at least seven hours weekly.

Prerequisite: SOWK 3611. Corequisite: SOWK 3711. *3 credits*

SOWK 4511 Behavior and Environment I

Intensive elaboration of the life course with emphasis on the effects of social and physical environments (the ecological perspective) on the growth and development of individuals and families (the tandem principle). Individual and family factors will be included. Prerequisites SOWK 3711, 3811 and formal admission to the social work program. Corequisites: SOWK 4711 and 4811. *3 credits*

SOWK 4512 Behavior and Environment II

Intensive elaboration of the life course with emphasis on the effects of social and physical environments (the ecological perspective) on the growth and development of individuals and families (the tandem principle). Groups, organizational and community factors will be included. Prerequisites: SOWK 3711, 3811, 4511 and formal admission to the social work program. Corequisites: SOWK 4712, 4612 and 5111. *3 credits*

SOWK 4611 Social Work Practice and Research

Selected research processes in social work examined within the framework of the interrelation of practice and research. Prerequisites: SOCI 2910-2911 and formal admission into the social work program. Corequisites: SOWK 4712, 4812, 5111. *3 credits*

SOWK 4711 Theory and Practice II

The third course of three theory and practice (methods) courses designed to help students develop the competencies required for ethical, effective and compassionate generalist professional practice. Prepares students for professional macro practice with individuals, families and large groups, organizations and communities. Human diversity is featured. Student-prepared journals are the major learning/assessment tools utilized.

Prerequisites: All (non-elective) social work courses through the 3000-level. Formal admission to the social work program.

Corequisites: SOWK 4511, 4811. *3 credits*

SOWK 4811 Senior Practicum I

First of a two semester sequence. Under professional supervision, students function in a social work agency to gain beginning level generalist social work abilities. Includes various student reports and periodic class meetings. Prerequisites: Formal

admission to the social work program. Corequisites: SOWK 4511, 4711. *6 credits*

SOWK 4812 Senior Practicum II

Second of a two-semester sequence. Under professional supervision, students function in a social work agency to gain beginning-level generalist social work abilities. Includes various student reports and periodic class meetings. Total number of practicum hours for the SOWK 4811-4812 sequence is 420. Prerequisites: SOWK 4511, 4711, 4811. Corequisites: SOWK 4512, 4611, 5111 *6 credits*

SOWK 5111 Senior Seminar

Designed to help social work students integrate their beginning preparation for professional practice and/or graduate school and to explore major issues confronting the profession and society today. Specific areas of interest identified by participants with the guidance of the seminar director(s). Prerequisites: SOWK 4511, 4711, 4811. Co-requisites: 4512, 4611, 4712, 4812. *3 credits*

Department of Sociology and Anthropology

Jubilee Hall 5th floor

(973) 761-9170

artsci.shu.edu/soc-anth

Faculty: Abalos; Haynor (*Chair*); Kayal (*SOBS adviser*); Feldman; Carr (*Sociology Adviser*); Pappas; Quizon; Rice; Savastano (*Anthropology Adviser*)

Faculty Emeriti: San Giovanni; Zielyk

The Department of Sociology and Anthropology offers two major programs leading to a Bachelor of Arts degree. The Department also offers a minor in each of these two fields. Our Sociology and Anthropology programs are designed to provide students with the tools to analyze, critically evaluate, and understand pressing global and domestic concerns and then to use that knowledge for the betterment of society.

Both Sociology and Anthropology make connections between how we understand ourselves and behave towards others. Sociology cultivates the sociological imagination in students, enabling them to see the links between social structures and personal problems. Anthropology concerns itself with the entire range of human activities and cultures, preparing students to understand their place in an increasingly global, pluralistic, and multicultural world. With an eye towards affecting change, both disciplines look behind the scenes to identify social forces that shape behavior and perceptions.

Whether in regard to urban social issues, inter-group relations, social institutions, health, gender, sexual, racial, organizational, environmental and indigenous cultural concerns, our goal is to provide students with the ability to both understand and to act on their knowledge.

Why Study Sociology and Anthropology?

In addition to the intellectual benefits gained by studying sociology and anthropology, there are practical applications as well. Many of our graduates find employment as educators, researchers, demographers, urban planners, sales or customer service representatives, counselors, public relations specialists, journalists, event planners, market researchers, personnel and business managers, and media specialists. Others work in the applied fields of government, diplomacy, and medicine. In addition, a number of growth professions look to students with special training in these disciplines; in particular, sociology majors work in many areas of legal studies, law and law enforcement while anthropology majors engage in historical preservation, archaeology, museum work and other fields of cultural resource management. While our sociology program is oriented toward topics and issues within the social context of American society, the anthropology program emphasizes a more comparative global cultural perspective on what are similar central concerns.

The goals of the undergraduate degree programs are three-fold: to provide a core of courses for students who may pursue graduate study in their respective disciplines; to prepare students to employ the sociological imagination and the lens of cross-cultural knowledge in a globalizing world; and to enable students to recognize, develop and use the humanistic dimension of these two disciplines for their personal development and on behalf of the human family. For more information on the benefits of these broad-based, flexible majors, please visit the department website at <http://artsci.shu.edu/soc-anth/>.

Interdepartmental Linkages

Both Sociology and Anthropology have integrated relations with other departments and programs. For example, Social and Behavioral Science majors and students from the School of Education and Human Resources can pick either Sociology or Anthropology as minor concentrations. Both Sociology and Anthropology offer courses in Women's Studies, Environmental Studies and the Honors programs.

More specifically, Sociology offers a dual degree program with the Graduate Department of Public and Healthcare Administration that leads to two degrees completed in a 5-year span: a Bachelor of Arts degree in Sociology and a Master of Public Administration. For more information see Catalogue section Five-Year Dual Degree Programs.

The Anthropology program has broad offerings emerging from college-wide initiatives in Latino Studies, the Anthropology of Religion, Ethnography and Museum Studies, Environmental Studies and Urban Anthropology. These courses dovetail with the active research programs and expertise of the faculty that encompass the abovementioned areas along with the study of gender and sexuality; immigration, diaspora, transnationalism and cultural citizenship; indigenism, ethnic identity, nationalism and the anthropology of art/material culture; visual and symbolic anthropology and postmodernism.

Anthropology students also have formal and informal opportunities to benefit from the rich cultural offerings in the New York/New Jersey metropolitan area, including the American Museum of Natural History, El Museo del Barrio, the Metropolitan Museum of Art, the National Museum of the American Indian, the Jewish Museum, the New York Academy of Sciences, the New York Public Library, Asia Society, the Calandra Institute of Italian and Italian-American Studies, the Newark Museum, and the Jersey City Museum, among others.

Alpha Kappa Delta, International Sociology Honor Society

Bi-annually eligible students are inducted into Alpha Kappa Delta (AKD) the international sociology student honor society of the American Sociological Association. The installation ceremony invites the relatives and friends of distinguished majors to join with the faculty in honoring outstanding student achievement. When appropriate, the faculty also presents a Distinguished Graduate Award at this event to an alumnus who best illustrates the principles of a humanistic sociology in his or her professional and community life.

Major Program in Sociology

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete department requirements in sociology and related fields for a total of 40 credits. With good reason, students may modify the major program in consultation with a department adviser. Introduction to Sociology (SOC 1101) is normally the first course taken by majors, but late transfers can substitute Social Problems and Solutions (SOC 2601) or Sociology of the Family (SOC 2211) in its place.

Degree Requirements

Required Courses:		Credits
SOC 1101	Introduction to Sociology	3
SOC 2910	Research Methods (Prerequisite MATH 1101 or 1203)	3
SOC 3310	Sociological Theories	3
SOC 3891	Internships	4
SOC 5988	Senior Seminar in Sociology	3
		Total: 16

Electives:		
Four sociology 2000 level courses		12
	<i>(limit one special topics course)</i>	
One sociology 3000/4000 level course		3
		Total: 15

Social Science Electives:

Nine (9) credits, selected in consultation with advisor, from any of the following disciplines: Anthropology, African-American Studies, Criminal Justice, Political Science, Economics, Psychology and Social Work. No more than three (3) credits may be taken in each discipline.

Summary:

Required Sociology Courses 16 credits
Elective Sociology Courses 15 credits
Social Science Electives 9 credits
Total Credits for Major 40 credits

Minor in Sociology

The minor program in sociology offers experience for students interested in careers such as law, business, marketing, communications and social services. It is comprised of 18 credits.

Required Courses (6 credits):

SOC 1101	Introduction to Sociology	3
SOC 2601	Social Problems and Solutions	3
or		
SOC 2211	Sociology of the Family	3

Electives:

Three sociology 2000 level courses		9
	<i>(limit one special topics course)</i>	
One sociology 3000/4000 level course		3

Total: 18

Course Descriptions:

SOC 1101 Introduction to Sociology (formerly Understanding Society)

An introduction to the sociological perspective, exploring basic concepts and theories relevant to various dimensions of social life. May include discussion of socio-cultural influences on everyday social interaction, collective behavior, social inequalities, deviance, socialization, sexuality and identity, as well as social institutions and organizations such as bureaucracy, religion, family, education, health, class, race, ethnicity, and gender. *Prerequisite for all SOC courses. 3 credits*

SOC 2010-8 Special Topics in Society

Student and Faculty generated questions about contemporary social issues particularly rich in sociological potential. An applied sociological focus on emerging trends, political behavior, religious and legal questions, race and gender relations, etc. *3 credits*

SOC 2211 Sociology of the Family (formerly Marriage and Family Life)

An exploration of the social influences on family life. Examines how social and cultural factors affect our understandings of, experiences with, and opportunities within families. Examines the diversity of family forms over time, across cultures, and within the U.S. May include topics such as dating, marriage, parenting, housework, balancing work and family, divorce, family violence, and the effects of economics, poverty, social policies, and social status on family life. *3 credits*

SOC 2212 The Sociology of Education (formerly Schooling, Society and Students)

Education as a politicized social institution; schools and enculturation; schooling and bureaucratization; educational philosophies across cultures and historically; social functions and dys-

functions of schooling; schooling, the social order and mobility; education and employment; educational trends; de-schooling, alternate schools, charter schools, home-schooling. *3 credits*

SOCI 2213 (ANTH 2213, POLS 1212) Sociology of Law and the Legal System (formerly Law and the Legal System)

Examines legal institutions in their social context and cross-culturally. The relationships between law and social norms, values and beliefs; the formulation and implementation of laws; interdependence between the law and social structure, power and change; the legal profession. The process of law making/breaking; law and power, change and social justice; the practice of law. *3 credits*

SOCI 2215 Sociology of Sport and Leisure

Sports as a major social institution and a significant part of popular culture. Examination of reciprocal relations between sports and society. The impact of social forces (urbanization, technology, bureaucracy, changing ideologies) on the nature of sport. Special topics include sports' relation to other institutions, such as family, politics, mass media, education, economy and religion. *3 credits*

SOCI 2224 (ANTH 2224) Sociology of Health and Medicine (formerly SOCI 2214 Illness and Wellness)

Sociological examination of health and illness and the social institutions that affect them. Explores social issues of health and illness and the manner by which medical resources and health hazards are distributed. May cover topics such as HIV/AIDS, health care institutions, medical stigmas, the health effects of environmental toxins, and food safety issues. *3 credits*

SOCI 2233 (WMST 2233) Sociology of Sexuality (formerly SOCI 2812 Understanding Human Sexuality)

A focus on the socio-cultural aspects of sexuality, including social scientific theories for understanding sexuality, the interconnections of gender and sexuality, manners by which we learn about sexuality from childhood through adolescence and adulthood, social institutions and cultural forms that affect individual experiences and conceptualizations of sexuality, and current social issues concerning the sexual. *3 credits*

SOCI 2311 (ANTH 2311; ENVL 2311) Population, Ecology and the Environment (formerly ANTH 2214)

Studies the social characteristic of populations; their fertility, mortality, sex ratios, migration and residential patterns, and the intersection of the social and physical environment. The course examines how demographic characteristics both impact and are affected by ecological conditions. Issues of pollution, population control, resource allocation, and policy making, are highlighted. *3 credits*

SOCI 2314 Formal Organizations (formerly Organizations and Society)

Nature of bureaucracy and its effect on personality, social relations, group dynamics and social change. Bureaucratic arrangements and processes in a variety of organizational contexts, such as the corporation, voluntary associations, university, union, professional association, government bureau and church. Special attention to the role of power in bureaucratic settings and exchanges. *3 credits*

SOCI 2410 The Sociology of Mass Media (formerly SOCI 3410)

This course offers an in-depth analysis of mass media, critically focusing on the political context and uses of film, television and newspapers in a democratic society. Special attention is given to the position of women and minorities in the media industry. Includes comparative analysis with other societies. *3 credits*

SOCI 2412 The Sociology of Religion (formerly The Social Significance of Religion)

What is the "sacred?" Why do we "need" God? Critique of traditional sociology of religion through consideration of classical and recent works regarding its origins and functions. Comparison of theological and sociological approaches to the sacred. Interrelationship of religion, society and culture on the rise of religious ideology and religious organization (churches, sects, "healing ministries"). Religion and social change. Alternate religious systems. The link between religion, sexism and homophobia. *3 credits*

SOCI 2416 Religion and American Society (formerly Religion in American Life)

Religious basis of American society and culture; American civil religion; religion in immigrant assimilation; religion as both a conservative force and source of change. The problem of societal integration and religious pluralism; nationalism and religious ideology; religion and social control; counterculture movements, immigration patterns and the religious landscape. *3 credits*

SOCI 2511 (AFAM 2328) Growing Older: The Sociology of Aging

A sociological investigation of growing older in American society. Focus is on ageism and life-cycle adjustments for different generations and in different societies. Aging and cultural values across the life-course are emphasized. Theories of aging are examined in relationship to economic variables, occupations, and cultural values. Topics include: intergenerational conflicts, retirement, dying and death, nursing homes, contemporary problems of the young and elderly, institutional and individual responses to the problems of aging. *3 credits*

SOCI 2512 Careers and Occupations

Work and occupations in today's society. The meaning of labor; work and alienation. Trends in the division of labor; links between occupation and social stratification; professionalization of work; occupational ideologies and associations. Career patterns and the various job markets. *3 credits*

SOCI 2513 (WMST 2513) Social Inequalities (formerly Social Inequality)

An examination of social inequalities, concentrating on class, national, racial, ethnic and gender inequalities in the U.S. and the globe. Discussion will include such topics as the distribution of influence and wealth in occupations, families, and religious and educational institutions, explanations for wealth and poverty, and sources of mobility and change. *3 credits*

SOCI 2514 (POLS 2610) Sociology of Women and Men

Wide ranging exploration of women's and men's changing place in society. Selected historical, anthropological, biological and psychological factors as sources of women's and men's position in society; ways in which contemporary social structures and processes serve to both maintain aspects of their position and to generate more egalitarian roles and life-styles for today's women and men. *3 credits*

SOCI 2515 Majority-Minority Relations (formerly Intergroup Relations)

Sociology of race/ethnic, religious, class, and gender relations. Becoming American—the process of assimilation (anglo-conformity, multiculturalism, melting pot). Social order and social conflict perspectives on American society. Prejudice and discrimination. Religion, race, gender and ethnicity in everyday life, integration and pluralism; Old vs. new immigrations, illegal immigration and the economy. Hispanic and Asian immigration; Strategies of social change; Race vs. class relations in contemporary society. *3 credits*

SOCI 2517 Latinas and Latinos in the United States

The course will examine the current situation of Latinas/Latinos in U.S. society from the perspective of a theory of transformation. Latinas/Latinos are the youngest and the fastest growing ethnic population in the United States. Their growing involvement is having a significant impact on culture and politics but they continue to experience high levels of unemployment, poor education, substandard housing, inadequate social services and political under-representation. Solutions compared and contrasted: assimilation vs. transformation. *3 credits*

SOCI 2601 Social Problems and Solutions

Sociological examination of a variety of current social problems and possible solutions, including, for example: privacy issues, poverty; environmental degradation; media issues; national security; racism, sexism, and heterosexism; drugs and the drug war; crime and prison issues; and health care system failures. Assigned to groups based on interest, students focus on particular social problems for greater study, perform service related to their “problem,” and present their work to the class. *3 credits*

SOCI 2701 Social Change

A review and critical examination of the transformation of human societies from pre-industrial to industrial, as well as the various forms—capitalist and socialist—that industrialization has taken. An analysis of various theories of “development” and “underdevelopment,” colonialism and post-colonialism, post-industrial society, globalization, and civilizational conflict. A consideration of the role of technology in shaping the current world order and how it is likely to shape the future, with particular attention given to communication, information, and bio-technology. *3 credits*

SOCI 2713 Political Sociology (formerly Politics and Society)

Relationship between, culture, social structures and political ideologies cross culturally. Role and functions of government. Politics and International Law; Police and personal freedom and behavior. Social policy engineering and government; Government, media and elections; Contemporary political issues are discussed. *3 credits*

SOCI 2714 Strategies of Transformation

This course will deal with strategies of transformation, defined as the conscious choice to participate with the fullness of being in the journey through the core drama of life. Emphasis is on a three fold process: (1) analyzing and critiquing those aspects of the society that prevent people from living their full humanity, (2) deconstructing social structures, institutions and patterns of authority that prevent the building of a more compassionate and just society and (3) creation of an alternative society that empowers each person to live fully as embodied and sacred beings. *3 credits*

SOCI 2716 (ANTH 2716) American Society

The culture and social structure of American society. Evolving American national character. Tracing some present problems: wealth and poverty, fascistic tendencies, religion and democratic tensions, crime and policing. Understanding American institutions, consumption patterns, celebrity culture, media and voting, etc. The themes of continuity vs. change, unity vs. diversity, individualism vs. community. *3 credits*

SOCI 2813 Self and Society

A consideration of various theories of the self and its development through social interaction. Emphasis is given to the stages of the life course as they are shaped by broader institutional and historical forces, as well as to the fit or lack of fit between the needs of the individual and the functioning of collectivities. A critical review of the evolution from pre-modern to modern identity, and from modern to postmodern identity, and how these processes are filtered through the cultural frame of reference of particular groups and societies. *3 credits*

SOCI 2815 Deviant Behavior

Analysis of socially stigmatized behavior, its functions and consequences; individual differences, democracy, and societal toleration or oppression; “Deviant” identities – labeling, identity formation, behavioral consequences, statuses/roles, subcultures, etc. Stereotyping, power, control of, conflicts between groups, responses, normalization. *3 credits*

SOCI 2910 (POLS 2910, CRIM 2910) Research Methods (formerly Doing Social Research)

Introduction to the enterprise of social science research. How we collect data, what statistics mean. Problem selection and conceptualization; formulating research hypotheses and propositions; research design; sampling, instrument construction; data treatment and analysis procedures such as cleaning, coding, tabulation and cross tabulation of data; proposal preparation. *3 credits*

SOCI 2911 (POLS 2911) Research Methods II

Advanced instruction in sociological research, requiring the completion of a research paper. More detailed methodological techniques. Introduction to qualitative techniques of data collection and analysis. Employment opportunities in research outlined. Written paper based on original research. *3 credits*

SOCI 2912 (ANTH 2912) Qualitative Research Methods (formerly Field Research Methods)

Opportunity to develop, refine and carry out field research projects proposed in SOCI 2910-Research Methods I. Practical techniques of research design and project development; practice

and experience in field methods of interviewing and participant observation. Written report based on original field research.

3 credits

SOCI 3219 (ANTH 3219) Urban Sociology (formerly SOCI 2312 City Life)

Sociological approaches to the city and its problems from the perspective of community. History of cities from towns to development of the megalopolis. Consideration of the structure of the city, life-styles, demographic trends, politics and relation to suburbs. Review of selected problems: housing, transportation, recreation, etc. Exploration of urban tensions, such as the rise of mass society and the persistence of local ties such as families and ethnicity. *3 credits*

SOCI 3310 Sociological Theories (Previously Theories of Society).

A survey of classical and contemporary approaches to collective life and the transformation of human societies. A major objective is to show the philosophical, moral, cultural and historical foundations of the dominant theoretical orientations in sociology over time. Consideration of the nature of social order and change, agency and constraint, and sociology as an objective and interpretive science. Focus given to the conversational chains that have been established between theorists from differing schools and within any given school. *3 credits*

SOCI 3382 Sociological Practice

Approaches to and varieties of sociological practice, including policy research, action research, evaluation research, strategic planning, and clinical intervention. An in-depth analysis of the problem-solving process and guided social change, and the role of sociological knowledge and insight. Examination of the values guiding the sociological practitioner and the ethical challenges associated with being a consultant, policy research or social activist; and the criteria used to define "successful" practice. Required: designing a sociological practice project. *3 credits*

SOCI 3417 Sociology of Knowledge

What do we know, how do we "know" it? Examines "knowledge" in society and its relationship to social structure and individual consciousness. Emphasis is on the social construction of reality, the meaning of truth and fact, i. e., scientific, theological and sociological truth compared. How the social attributes of groups as well as individuals affect the production ordering and presentation of "information." The form knowledge will take in a particular society. *3 credits*

SOCI 3420 Crowds, Cults, and Revolutions

This course focuses on the social phenomenon of collective behavior from a multicultural perspective. Revolutions, social protest, fads, trends, social movements and crowd behavior across cultures are examined through comparative analysis. *3 credits*

SOCI 3514 (ANTH 3514, WMST 3514) Sociology of Gender (formerly Sociology of Women and Men)

Advanced exploration of social scientific theory and research on women and men, including such topics as: the social construction and interconnectedness of sex, gender, race, class, and sexuality; how gender operates in everyday social interaction,

affecting love, violence, and friendships; how gender inequalities are institutionalized in work, education, religion, and family; and how gender differences and inequalities are implicated in relations of power and politics. *3 credits*

SOCI 3815 Theories of Deviance and Conformity (formerly Deviance and Conformity)

An application of various sociological theories of deviance and conformity to a variety of deviant and conforming attitudes, behaviors, and conditions, including, for example: issues of crime and punishment; legal and illegal drug use; sexual minorities, majorities, and fetishes; body presentation, maintenance, and modification; and public opinion and political dissent. Taught as a seminar, with students responsible for presenting on the assigned readings and assisting in leading discussion. *3 credits*

SOCI 3881-8 Special Issues in Sociology

Topics to be announced by the department. Students should consult the registration handbook for specific titles. *3 credits*

SOCI 3891 Internships

Students are placed in settings where they apply their theoretical knowledge and research skills to the practical demands of the workplace. Designed to enhance the competencies of students as they prepare for their careers. Supervision is provided both by the site supervisor and a department faculty member. Students must obtain prior approval from their advisor. Seniors and juniors only. *4 credits*

SOCI 3894 Sociology Co-op I

SOCI 3895 Sociology Co-op II

SOCI 3896 Sociology Co-op III
(See Co-op Advisor)

SOCI 5978 Independent Study (2 credits)

SOCI 5979 Independent Study (1 credit)

SOCI 5980 Independent Study (3 credits)

SOCI 5981 Independent Study (1 credit)

SOCI 5982 Independent Study (2 credits)

SOCI 5983 Independent Study (3 credits)

SOCI 5984 Independent Study (3 credits)

SOCI 5986 Independent Study (3 credits)

SOCI 5988 Senior Seminar in Sociology

A capstone course for majors, which integrates knowledge and skills acquired in the sociology program. Original research paper required that demonstrates mastery of program goals. Topics and approach to be announced by the department and instructor. *3 credits*

Major Program in Anthropology

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete department requirements in anthropology and related fields for a total of 36 credits. Each student's program of study should be planned in consultation with the anthropology faculty. The program may be tailored to a student's needs depending on specialization. For instance, our alumni are currently in graduate programs in Forensic Anthropology, Law, Journalism, Dentistry, Museum Studies, and International Arts Management, among others. Introduction to Cultural Anthropology (ANTH 1202) is normally the first course taken by majors but other required major courses such as Culture and Communication: Introduction to Linguistic Anthropology (ANTH 1210) or Physical Anthropology (ANTH 1201) may also be taken in the first semester.

Degree Requirements

Six Required Courses from the Following (18 credits):

ANTH 1201	Introduction to Physical Anthropology
ANTH 1202	Introduction to Cultural Anthropology
ANTH 1210	Culture and Communication: Introduction to Linguistic Anthropology
ANTH 2912	Field Research Methods
ANTH 3212	History of Anthropological Theory
ANTH 3296	Independent Study/Senior Colloquium

Six Elective Courses (18 credits)

The student should take at least 3 courses (9 credits) in anthropology electives other than those required. In consultation with the department adviser, the remaining 9 credits may be taken from the courses listed below:

AFAM 2215	Caribbean Experience
AFAM 2331	People and Cultures of Africa
ARTH 1120	Art and Human Needs
ARTH 1130	Folk Art in America
ASIA 3115	Oriental Society
ASIA 3120	India and Its People
ASIA 3132	Contemporary Japan
BIOL 1101/1103	Anatomy and Physiology
CRIM 2616	Criminology
COBF 2212	Documentary Film
COGR 3320	Advanced Photography
HIST 2354	The American Frontier
POLS 2228	Principles of Human Geography
RELS 1402	World Religions
SOCI 1101	Understanding Society
SOCI 2416	Religion and American Society

Anthropology Minor

The Anthropology minor enhances a number of major programs (such as nursing, education, business, biology, communications, foreign languages and literatures, diplomacy and international relations), by offering a unique cross-cultural per-

spective that enables students to apply their skills in a multi-ethnic environment. Students are required to take six courses in anthropology. In the independent study (normally in the senior year), students write a research paper, integrating anthropological perspectives with their major field of study. Students completing a minor in anthropology must complete a minimum of 18 credits in anthropology to include:

Three Required Anthropology Courses (9 credits)

ANTH 1201	Introduction to Physical Anthropology
ANTH 1202	Introduction to Cultural Anthropology
ANTH 1210	Culture and Communication: Introduction to Linguistic Anthropology
OR	
ANTH 2912	Field Research Methods

Three Elective Anthropology Courses (9 credits)

Course Descriptions

ANTH 1201 Physical Anthropology

Introduce students to the anthropological study of humans and nonhuman primates from a biological and evolutionary perspective. Survey the following topics: 1) genetics 2) evolutionary theory 3) modern primates 4) human biology 5) primate origins and 6) race and human variation 7) human microevolution and 8) forensic anthropology. *3 credits*

ANTH 1202 Introduction to Cultural Anthropology

Cross-cultural comparison of peoples of the world. This course takes a holistic approach to human behavior from our evolutionary past, to the present and the probable future of humankind. An examination of various rules of conduct in economic, political and religious systems as well as the role of expressive culture and the importance of kinship in the organization of human society. *3 credits*

ANTH 1210 Culture And Communication: Introduction to Linguistic Anthropology

Interpretation and analysis of verbal and non-verbal behavior, with an emphasis on intercultural communication. This course examines the personal, social, and cultural functions of communications, the development of language and how cultural conventions, gender and status differences modify meaning and how the media influences our view of ourselves and others *3 credits*

ANTH 1211 Introduction to World Archaeology

Investigates the scientific methods used to excavate prehistoric, historic, underwater, industrial and other forms of archaeological sites in all parts of the globe. Skeletal and pathological evidence, tools, weapons, monumental construction, procurement systems, settlement patterns and other forms of human adaptation are used to reconstruct the ways people lived in the past as an aid in explaining diverse social systems today. Museum trips and some field experience may be offered. *3 credits*

ANTH 1215 Race, Racism and the Meanings of Human Difference

Examines from a cross-cultural perspective the social and historical roots of the concept of race and addresses the impact that racism has on a wide range of societies of the world. Explores the specific ways in which human variation is patterned and addresses the significance of this variation in intergroup relations. *3 credits*

ANTH 2213 (SOVI 2213) Case Studies in the Anthropology of Law (formerly ANTH 2222)

Investigation of ways law operates in various cultures throughout the world. Concepts of justice as related to religion, politics, economics and ethics; case studies from many different societies. "Western law" contrasted with customary law and other forms of legal experience in several Third World countries. Discussions of benefits that may be derived from understanding mechanisms of dispute resolution among non-Western people. *3 credits*

ANTH 2223 Food And Culture

A description and analysis of a number of gastronomic domains from an anthropological perspective. We will examine not only what people eat, but how, when, where—and why some foods and not others. How one can collect and analyze food data structurally and functionally for cross-cultural comparison; and the extent to which eating and drinking patterns tell us something about the way people organize their societies. *3 credits*

ANTH 2224 Health and Medicine: An Anthropological Approach

Explores how culture and history shape practices and ideas such as diagnosis and treatment, and "sickness" and "health." Investigates health and medicine not only as biological phenomena, but in the context of the economic, political, kinship, and religious systems from a cross-cultural perspective. *3 credits*

ANTH 2228 Global Problems and the Politics of Human Conflict

This course focuses on the manner in which societies of the world organize themselves with respect to the use and abuse of power and authority. Various theoretical and methodological approaches to political organization will be discussed. *3 credits*

ANTH 2230 Folklore and Mythology

Focus is on the origins, commonalities and differences in the diverse myths present in all cultures. Course will explore the connections between folklore and myth and their function in maintaining cultural systems. Special emphasis will be given to the effects of globalization on the appropriation of the myths and folkloric practices of various indigenous peoples as well as the way they are transformed and/or given new meaning in the complex, technologically developed societies of the contemporary world. *3 credits*

ANTH 2232 Kinship in Cross-Cultural Perspective

Cross-cultural comparison of structure, organization and behavior associated with different types of kinship in diverse societies both traditional and modern. Blood ties and marital relations explored in terms of incest taboos, mate selection and a variety of descent groups. *3 credits*

ANTH 2233 (WMST 2233) Understanding Human Sexuality

This course examines human sexuality and gender relationships from an anthropological perspective. It examines the culturally constructed roles of women and men in evolutionary perspective and within specific cultural and social contexts both past and present. The course also focuses on the economic, political and domestic roles, social statuses; and adaptive and maladaptive features of sociosexual patterns. *3 credits*

ANTH 2241 North American Indians: An Ethnohistoric Perspective

The Indians of North America in the centuries before European conquest, subjugation and displacement. Archaeological, archival and traditional evidence for the Indians' successful adaptations to diverse environments; their interpersonal, material, artistic and spiritual ways of life. Culture shock and aftermath of European contact. *3 credits*

ANTH 2242 Peoples & Cultures of Southeast Asia (HONS 3198)

The course will emphasize new approaches to the ethnography of Southeast Asia, with special focus on new interdisciplinary collaborations with historical, religious and gender studies. Students will have the opportunity to read some classic works that have made a wide impact within and outside anthropology as well as contemporary ethnographies that will introduce them to the peoples and cultures of the region. The ethnographies follow three key themes—the gendered self, the imagined nation, and the paradox of world-systems—reflecting the most influential anthropological studies on Southeast Asia that have shaped the way questions about culture, nations or notions of the self have been framed elsewhere in the world. A special module on the aftermath of the Asian tsunami and its political, economic and cultural legacy will also be presented. *3 credits*

ANTH 2243 Peoples and Cultures of Latin America

This course focuses on recent approaches to the ethnography of the Americas, specifically those countries which were formerly Iberian (Spanish and Portuguese) colonies. Addresses Pre-Columbian social formations, the impact of the arrival of Europeans, and the contemporary postcolonial social landscape. Some of the themes of our inquiry are: Conquest and colonialism, post-colonial nationalism, Indigenous cultures, hierarchies of class and caste, social movements, religions, migration, the impact of international monetary policy on cultural formations, globalization and transnationalism, and race and ethnicity. While the course spans more than five centuries in our conceptualizations, it primarily focuses upon the present. *3 credits*

ANTH 2311 (SOVI 2311; ENVI 2311) Population, Ecology and the Environment (formerly ANTH 2214)

Examines diverse cultural strategies with which human societies throughout the world, ranging from tropical hunting and gathering groups to Euro-American and Asian industrialized nations, have responded to the natural environment. Students will learn to apply an anthropological perspective towards the understanding of topics of great global import such as population, pollution, industrialization, sustainable development, and ecosystems. *3 credits*

ANTH 2401 Fieldwork/Urban Ethnography

Students will have an opportunity to participate in a semester-long team research project conducted under supervision of the instructor and focusing on the application of appropriate qualitative field research methods in an urban setting. Students will learn about the mechanics and ethics of research with emphasis not only on collecting, analyzing and evaluating ethnographic data within a hands-on team research context but also the very process of building relations between researchers, their communities of study and other stakeholders. *3 credits*

ANTH 2412 Anthropology of Religion

Introduces students to the study of the Anthropology of Religion from a historical and theoretical perspective. Provides a framework for understanding the diverse ways in which “religion” manifests in different cultural settings and historical contexts. The course explores the human capacity to “make meaning” through the use of symbol, myth and ritual. It also explores transpersonal states of consciousness, many of which are induced through various public and private rituals and other devotional, ascetic and ecstatic practices. The category of “the religious” or “the sacred” as defined according to the western worldview is interrogated and explored. The course content is also relevant to students in Religious Studies, Catholic Studies, Sociology, Psychology and Italian Studies. *3 credits*

ANTH 2716 (SOCI 2716) Understanding Americans:**Anthropology of American Culture (formerly ANTH 2234)**

This course examines the totality of the American experience through the unifying concept of culture. In particular we will be concerned with the origin, development and influences of ideas and assumptions that have shaped fundamental American values and character. *3 credits*

ANTH 2912 (SOCI 2912) Field Research Methods (formerly ANTH 1218)

This course is designed for any social scientists who wish to learn how to conduct field research, whether in foreign cultures or with different groups within the United States. Students develop, refine and carry out field research projects using participant observation and interviewing techniques. Final research paper is based on original fieldwork. *3 credits*

ANTH 3212 The History of Anthropological Thought

Examines the history of the discipline of anthropological thought and the theoretical corpus as it developed from the 19th century to the present. Students are exposed to the major theories and theorists in the field and to some of the contemporary debates within the discipline. This course challenges students to critically assess the validity of various analytical approaches to the concept of culture, society and the person. *3 credits*

ANTH 3215 Human Rights and Social Justice

Through an examination of the ways in which people in different societies of the world identify and define ethical and social standards, this course will examine the concept of universal human rights. Also examines the development of international efforts to apply such rights. The course will focus on ethnographic case studies from a wide variety of societies. *3 credits*

ANTH 3216 Economics and Exchange

Explores anthropological approaches to societies, both past and present, which operate under principles other than those principles which typify 20th century global capitalism. Studies the cultural impact of the expansion of the world economy into these widely dispersed societies of the world. Based on contemporary and historical examples from Asia, Latin American and Africa. Students in this class will be challenged to critically examine some of the key presuppositions of Western industrial society with regard to the effects of technology and the global economy. *3 credits*

ANTH 3218 Immigration to the United States

This course examines the history of immigration to the United States from the 17th Century to the present. Explores distinct waves or moments of immigration; presents theoretical explanations for these population movements; and assesses the cultural, political, and economic consequences of immigration to the United States. *3 credits*

ANTH 3219 (SOCI 3219) Urban Anthropology

This course uses an anthropological perspective to examine the rise of urbanization in human history. Also analyzes the role of the modern city in both the developed and developing world. Examines issues such as rural-urban dynamics, poverty, crime, economic development, globalization, kinship, race/ethnicity and modernity. *3 credits*

ANTH 3330 Visual Anthropology

Visual Anthropology is two-fold. First, it seeks to document culture through the creation and refinement of photographic and cinematographic techniques, including documentary film. It also means the analysis of the visual productions of different groups of people. Some topics addressed by visual anthropologists examined in this class include Indian soap operas, Brazilian Kayapo photojournalists and indigenous Australian documentaries, and the role of media in cultural revolution. A running theme throughout the course will be the implications of the reversal of the camera lens, such that the anthropologist him/herself becomes subject to scrutiny and investigation. *3 credits*

ANTH 3294 Independent Study (1 credit)**ANTH 3295 Independent Study (2 credits)****ANTH 3296 Independent Study (3 credits)****ANTH 3297 Independent Study (3 credits)****ANTH 3514 The Anthropology of Gender (SOCI 3514, formerly ANTH 3220)**

This course examines the history of a gendered approach to anthropology in light of second-wave feminism's theoretical contributions and to the new questions that gender analysis brings to traditional anthropological issues such as work, kinship, immigration, race and nationalism. *3 credits*

ANTH 4000 The Anthropology of Art

An anthropological approach to the study of the arts. The biological roots of art, evidence in the archeological record, art and artists and their relationship to religious, political, and economic organization and the arts as an expression of cultural identity. A cross-cultural analysis of fundamental modes of artistic expression from cave art to computer art, in tribal and industrialized societies. *3 credits*

Special Arts and Sciences Programs

In addition to the major and minor programs offered by its academic departments, the College of Arts and Sciences offers a number of special programs that do not fit within the confines of a single academic department.

Such programs include the University Honors Program; three interdisciplinary majors (Bachelor of Arts degrees in Economics; Environmental Studies; Liberal Studies; Social and Behavioral Sciences), three interdisciplinary minors (archaeology studies, environmental studies and environmental sciences), two interdisciplinary certificate programs (gerontology; Russian and East European studies), and five five-year joint degree programs (bachelor's degree in arts and sciences and M.B.A.; B.A. in Political Science or Sociology and M.P.A.; B.A./M.A. in English; B.A./M.A. in Museum Professions; and Bachelor of Science and Bachelor of Engineering).

University Honors Program

Fahy Hall, Room 304

(973) 275-2011

academic.shu.edu/honors

Director: Gisela Webb, Ph.D.

Administrative Assistant: Mary Mountcastle

The Honors Program is structured around team-taught Honors Colloquia and multidisciplinary Honors Seminars that address perennial human questions posed across global cultures. Students study the great texts of the past, with visual media, music and information technology also integrated into the curriculum. The program provides a coordinated, liberal arts concentration for outstanding students of all schools and majors in the University. In addition to course work, the Honors Program provides opportunities for students to attend opera, theater, museums, concerts and other cultural events in the metropolitan area. Students in the Honors Program are offered the option of Academic Teaming in the residence halls, creating learning communities. Both students and faculty form a cohesive academic community that lasts throughout a student's career at Seton Hall University, and beyond.

During the first two years, students meet twice a week for three hours and complete the four Honors Colloquia. These courses substitute for core curriculum requirements such as College English, Oral Communication, Religion, Philosophy and History. During the third and fourth years, students complete two interdisciplinary Honors Seminars (3 credits each), choosing from a variety of topics that change from year to year. Topics for 3000-level courses for 2005-06 will include: Peoples and Cultures of Southeast Asia, Islamic Religion and Culture, Utopia Dystopia, Political Economy of the Mass Media, Environmental Ethics and Sociology of Knowledge. The Honors Thesis, completed in close collaboration with a member of the faculty, is written in the senior year. In order to continue in the program, students must maintain a B average in their Honors courses.

The courses in the Honors Program are accepted by the several schools and colleges of the University in replacement of many of the core curriculum requirements of the school or college. Most of the students in the Honors Program are majoring in the College of Arts and Sciences and in the W. Paul Stillman School of Business; the equivalencies for the Honors Program courses for students in these colleges are listed below. The equivalencies for students in the College of Education and Human Services, and the School of Diplomacy and International Relations are generally similar to those in the College of Arts and Sciences; for more specific information on these equivalencies, please contact the Director of the Program.

For students who begin the Honors Program, but ultimately choose not to complete it, this list of equivalencies is particularly important because it indicates which aspects of their school or college's core curriculum they have fulfilled by the Honors courses they have taken.

For students in the *College of Arts and Sciences*, the Honors Program courses fulfill the following parts of the College Core Curriculum:

Year	Honors Courses	Core Requirement	Core Credits
Freshman	HONS 1101-1102 (12)	A) English Composition E1) Western Civilization G) Philosophy	6 3 3
Sophomore	HONS 2103-2104 (12)	E1) Western Civilization G) Religious Studies E3) Foreign Literature	3 3 6
Junior & Senior	Honors Seminar (3) Honors Seminar (3) Honors Thesis (3)	B) Oral Communication G) Philosophy	3 3

Total Honors Credits = 33 Total Core Credits = 30

Note: All Honors students must still fulfill the following Core Curriculum requirements.

C) Math	3
D) Behavioral and Natural Sciences	12
F) Ethics	3
E2) Foreign Language	0-12

For students in the *Stillman School of Business*, the Honors Program courses fulfill the following parts of the school's core curriculum:

Year	Honors Courses	Core Requirement	Credits
Freshman	HONS 1101-1102 (12)	English 1101-1102	6
		Religious Studies	3
		World Cultures	3

Sophomore	HONS 2103	Religious Studies	3
	-2104 (12)	World Cultures	3
		Oral Communication	3
		Liberal Arts Elective	3
Junior	Honors seminar (3)	Liberal Arts Elective	3
& Senior	Honors seminar (3)	Communications Elective	3
	Honors Thesis (3)	Liberal Arts Elective	3

Total Honors Credits = 33

Total Core Curriculum credits = 33

These equivalencies are the object of general agreement between the Honors Program and the schools and colleges; in particular cases, changes in these equivalencies may be agreed to. Please consult the Director of the Honors Program for further inquiry into this matter.

Course Descriptions

HONS 1101 Colloquium on the Ancient World

The works of the ancient world as well as the growth of Christianity are discussed and debated. Studies include the religion, literature, philosophy, art and politics of the ancient Near East, Greece and Rome, Africa and Asia. *6 credits*

HONS 1102 Colloquium on the Middle Ages and the Renaissance

The growth and expansion of Christianity and Islam and their interactions with Judaism and the culture of the Greco-Roman world-religious views predominate. The rebirth of the classical traditions invigorates the growth of science and the creation of modern philosophy, politics, art and culture. The age of global exploration begins. *6 credits*

HONS 2103 Colloquium on the Early Modern World

The great advances of science and geographic expansion continue; during the Age of Reason and the Enlightenment, modern philosophy, literature, politics and the social sciences emerge. Global trade, commerce and settlements grow as European cultures expand their hegemony. *6 credits*

HONS 2104 Colloquium on the Contemporary World

Romanticism, revolutions, industrialization, urbanization, popular movements and world wars catapult peoples, nations and cultures into interactions whose complexities and intensities are unprecedented on a global scale; global village becomes both construct and reality: global awareness, interdependencies and the new world order present global and local opportunities and challenges. *6 credits*

		Credits
HONS 3180	Topics in Religion and Society	3
HONS 3191	Topics in 19th-Century Art	3
HONS 3192	Topics in 20th-Century Art	3
HONS 3193	Topics in 19th-Century Literature	3
HONS 3194	Topics in 20th-Century Literature	3
HONS 3195	Topics in 19th-Century History	3
HONS 3196	Topics in 20th-Century History	3

HONS 3197	Topics in Modern Science	3
HONS 3198	Topics in Modern Social Science	3
HONS 4190	Honors Reading Course	2
HONS 4191	Honors Reading Course	3
HONS 4192	Honors Independent Study	3
HONS 5101	Honors Thesis	3

See the Honors home page for information on faculty, courses, syllabi and assignments. The office is located in Fahy Hall, Room 304.

B.A. in Economics

Jubilee Hall, Room 674

Administrator: John J. Dall Jr., Ph.D.

The Department of Economics provides students with a solid foundation in the discipline of economics. For undergraduate students majoring in economics, the objectives of the program are threefold: to help develop a thorough understanding of the economic relationships between business, households and government, and of the principles governing these relationships; to help develop proper analytical methods and modes of inquiry that will prepare students for careers in business administration, government and education; to lay the groundwork necessary for graduate studies in economics, law and related fields. Scholarly instruction and continuing personal guidance provide students with a high degree of flexibility in the development of their careers and educational plans.

The course offerings of the department enable undergraduate students to major in economics either through the College of Arts and Sciences or the Stillman School of Business, leading to the degree of Bachelor of Arts and Bachelor of Science in Business Administration, respectively.

In addition to meeting the standards and requirements of the College of Arts and Sciences, degree candidates must complete a minimum of 36 credits in the economics and quantitative courses specified below. In general, required courses will be taken in the order listed. However, all programs are worked out in consultation with an economics department adviser who may modify the program in view of each student's background and objectives.

Program Requirements	Credits
MATH 1303	Quantitative Methods for Business and Economics Students 3
BQUA 2811	Business Statistics 3
ECON 1402	Principles of Economics I 3
ECON 1403	Principles of Economics II 3
ECON 2408	Money and Banking 3
ECON 2420	Intermediate Microeconomic Analysis 3
ECON 2421	Intermediate Macroeconomic Analysis 3
ECON 3470	History of Economic Thought 3
ECON xxxx	Electives in Economics 12

Economics Minor

Students from the College of Arts and Sciences also may choose economics as a minor. The economics minor consists of three core courses plus three additional courses (ECON 2420 or 2421, and two economics electives) for the total of 18 credits.

See *Index to locate course descriptions*.

B.A. in Environmental Studies

Location: Jubilee Hall, 5th Floor

Phone Number: (973) 275-2868

Director: Michael A. Taylor, Ph.D.

The environment protects and sustains life, yet the unrestrained use of the earth's resources causes problems that affect all humankind. The broad-based acceptance of this statement is producing profound economic and political changes in society at large. This is a topic that transcends several disciplines.

Environmental Studies provides a multidisciplinary medium for the study of the scientific and humanistic aspects of environmental problems. The Bachelor of Arts in Environmental Studies includes two tracks, one in education and one in public policy. This program, along with the minors in Environmental Studies and Environmental Science, includes courses that are rigorous within their traditional disciplines, from natural science (biology, chemistry, physics and geology) to political science, philosophy, economics, management and sociology.

Major in Environmental Studies

The major in Environmental Studies prepares students to become leaders with expertise in sustaining and conserving our environment and natural resources while balancing the needs of a changing economy. Students prepare to take on service and leadership roles in an area of increasing global and local importance. Seton Hall's location in northern New Jersey, at the borders of old industrial cities and new and old suburban communities places students at the growing edge of many environmental problems and their solutions: pollution, toxic wastes, land use, Brownfield remediation, development pressures on open space, and habitat loss. New Jersey is home to a number of unique and fragile ecosystems, e.g. the Palisades, the Great Swamp, extensive salt marsh estuaries, and the Pine Barrens and these places provide venues for research and fieldwork. As the Catholic university in the state, Seton Hall brings issues of environmental justice, sustainability and new understandings of stewardship to regional conversations on the environment.

The major in Environmental Studies offers a systematic, interdisciplinary approach to education, insuring the rigorous and integrated use of the natural and social sciences and humanities to understand the profound impacts of human activity upon the interrelations of all components of the natural environment and the critical importance of restoring and maintaining environmental quality. The Environmental Studies major builds upon a foundational interdisciplinary team-taught course in Environmental Studies and culminates in a capstone course that involves the writing of a Senior Thesis under the guidance of a faculty mentor. Global and local in focus, the major involves students in experiential learning through com-

munity outreach activities and internships. The major prepares students to be servant leaders who build an environmentally, economically, and socially sustainable society, one that balances the needs of people today with those of future generations.

Required Courses for all tracks (37 credits)

ENVL 1011	Introduction to Environmental Studies	3
ENVL 1019 (ERTH 1019)	Introduction to Geology	3
ENVL 1111 (GEOG 1111)	Fundamentals of Geography	3
MATH 1203*	Statistical Models for Social Sciences	3
BIOL 1101*	Introduction to Biology	3
CHEM 1001*	Chemistry and the World Around Us	3
ECON 1402*	Microeconomics	3
ECON 1403*	Macroeconomics	3
ENVL 2121 (BIOL 2121)	Introduction to Ecology	4
ENVL 2115 (PHIL 2115)	Environmental Ethics	3
ENVL 2910 (POLS 2910)	Research Methods for Social Sciences	3
ENVL 5050	Senior Capstone	3

* satisfies A&S core curriculum requirements

Environmental Education Track (15 credits):

For students interested in enhancing public awareness of environmental issues through schools, non-profit organizations and community-based organizations

PHYS 1001	Introduction to Physical Science	3
and		
ENVL 2311 (ANTH 2311/SOCI 2311)	Ecology, Demography and Environment	3
or		
ENVL 3014 (POLS 3014)	Ecology and Politics	3
Plus three electives from the list of electives		9

Environmental Policy Track (15 credits):

For students interested in developing skills for work in the public sector: local, regional, national and international levels

ENVL 2311 (ANTH 2311/SOCI 2311)	Ecology, Demography and Environment	3
ENVL 3014 (POLS 3014)	Ecology and Politics	3
ENGL 3513	Scientific and Technical Writing	3
or		
COJR 1421	Writing for the Media	3
<i>Select one course from the following:</i>		
POLS 1111	Introduction to Public Policy	3
SOCI 2701	Social Change	3
SOCI 2714	Strategies of Transformation	3
Plus one elective from the list of electives		3

Practicum Requirement (3 credits)

ENVL 4511	Practicum	3
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Elective Courses:

ENVL 2311 (ANTH 2311, SOCI 2311)	Ecology, Demography and Environment	3
ENVL 3014 (POLS 3014)	Ecology and Politics	3
ENVL 3050-3099	Selected Topics in Environmental Studies	3
ENVL 4111, 4112, 4113	Reading and Writing Tutorial in Environmental Studies	1-3
ANTH 2234	Anthropology of American Culture	3
ANTH 3219	Urban Anthropology	3
BMGT 4925	Managing the Environment	3
ENGL 2426	Literature and Nature	3
ENGL 3513	Scientific and Technical Writing	3
GEOG 1112	Principles of Human Geography	3
GEOG 2111	Principles of Political Geography	3
HIST 2390	Topics in American History	3
POLS 1111	Introduction to Public Policy	3
RELS 3591-3593	Special Questions in Ethical Studies	3
SOCI 2312	City Life	3
SOCI 2701	Social Change	3
SOCI 2714	Strategies of Transformation	3
SOCI 2716	American Society	3

Minor in Environmental Studies

The environmental studies minor is not intended to train students as environmental scientists but to increase their awareness of environmental problems and possible solutions. This 25-credit minor is designed for non-science majors. The only math requirement is the College Core math requirement.

Required Courses:

		Credits
BIOL 1101	Introduction to Biology **	3
ENVL 2121 (BIOL 2121)	Introduction to Ecology	4
CHEM 1001	Chemistry and the World Around Us*	3
CHEM 1005	Applied Environmental Chemistry	3
ENVL 1019 (ERTH 1019)	Introduction to Geology	3

*CHEM 1103-1104 or CHEM 1107-1108 may be substituted for CHEM 1001-1005.

** BIOL 1201 or BIOL 1202 may be substituted for BIOL 1101.

Elective Courses:**9 Credits**

Choose three of the following five courses:

BMGT 4925	Managing the Environment	3
ECON 3410	Environmental Economics	3
ENVL 2115 (PHIL 2115)	Environmental Ethics	3
ENVL 3014 (POLS 3014)	Ecology and Politics	3
ENVL 2311 (ANTH 2311/SOCI 2311)	Population, Ecology and the Environment	3

Minor in Environmental Sciences

The environmental sciences minor is intended primarily for science majors who wish to formally concentrate their studies specifically in the area of environmental science. This 23-credit minor is available to any student who meets the requirements. In order to take the four required science courses offered in the environmental sciences minor, the student must first complete certain prerequisite courses, as follows:

- BIOL 1201 General Biology/Organism; BIOL 1202 General Biology/Cell; BIOL 2211 Genetics (as prerequisites for Ecology and Environmental Toxicology).
- CHEM 1103-1104 General Chemistry I-II, and CHEM 2313-2314 Organic Chemistry I-II (as prerequisites for Environmental Chemistry, Environmental Toxicology and Environmental Physics).
- PHYS 1701-1702 General Physics I-II (as prerequisites for Environmental Physics); and
- MATH 1401 Calculus I.

Required Courses:**14 credits**

BIOL 2341	Ecology	4
BIOL 3341	Environmental Toxicology	3
CHEM 3214*	Environmental Chemistry	4
PHYS 3511	Environmental Physics	3

*CHEM 2216 can be substituted for CHEM 3214.

Elective Courses:**9 credits**

Choose three of the following five courses:

BMGT 4925	Managing the Environment	3
ECON 3410	Environmental Economics	3
ENVL 2115 (PHIL 2115)	Environmental Ethics	3
ENVL 3014 (POLS 3014)	Ecology and Politics	3
ENVL 2311 (ANTH 2311/SOCI 2311)	Population, Ecology and the Environment	3

Course Descriptions

ENVL 1011 Introduction to Environmental Studies

This course introduces students to the interdisciplinary field of environmental studies, through lectures and discussion led by environmental studies program faculty from the social sciences, natural sciences and humanities. *3 credits*

ENVL 1019 (ERTH 1019) Introduction to Geology

Descriptive survey of the science of the earth; the composition of the earth; weathering and erosion; the formulation and movement of glaciers; the origin of mountains, volcanoes, earthquakes and deserts; and geological history of the earth. Field trips when possible. *3 credits*

ENVL 1111 (GEOG 1111) Fundamentals of Geography

Geography as a periodic relationship between the physical environment and life. Elements of the natural environment and their influences on human cultural activities. *3 credits*

ENVL 2121 (BIOL 2121) Introduction to Ecology

Application of basic scientific laws, principles and concepts to environmental and resource problems. Scientific concepts such as matter and energy resources; soil, water and food resources; ecosystems, atmosphere and geologic processes; air and water pollution and pesticides will be studied. Problems such as deforestation, loss of biodiversity, global warming and ozone loss will be examined. Three-hour lecture, three-hour laboratory per week. (Part of the Environmental Studies program; not a biology major elective course.) Prerequisites: BIOL 1101 and CHEM 1001 or equivalent. *4 credits*

ENVL 2115 (PHIL 2115) Environmental Ethics

Examination of current theoretical and practical issues in the field of environmental ethics, among them, obligations to future generations, human relationships to nature and pollution. *3 credits*

ENVL 2311 (ANTH 2311/SOCI 2311) Ecology, Demography and Environment

Examines diverse cultural strategies with which human societies throughout the world, ranging from tropical hunting and gathering groups to Euro-American and Asian industrialized nations, have responded to the natural environment. Students will learn to apply an anthropological perspective towards the understanding of topics of great global import such as population, pollution, industrialization, sustainable development, and ecosystems. *3 credits*

ENVL 2910 (POLS 2910) Research Methods for Social Sciences

An introduction to social science research. Topics include problem selection and hypothesis formation and testing; research design; sampling; construction and administration of research techniques; elementary data analysis and ethical issues. Some statistical and computer applications. Prerequisite: Math 1203. *3 credits*

ENVL 3014 (POLS 3014) Ecology and Politics

Explores the relationship between politics and environmental policy in the U.S. Looks at specific problems such as pollution, global warming, species depletion, land management and hazardous waste. Explores attempts by government and other interested parties to rectify these problems. *3 credits*

ENVL 3050-3099 Selected Topics in Environmental Studies

Topics are chosen by the environmental studies faculty. Through lectures, discussion of readings, written assignments and other means, students explore a special topic in the field of environmental studies. *3 credits*

ENVL 4111, 4112, 4113 Reading and Writing Tutorial in Environmental Studies

The tutorial courses provide opportunities for a senior student to pursue an in-depth reading and writing project in close consultation with a member of the environmental studies faculty. *1-3 credits*

ENVL 4511 Practicum

This course provides a field experience under the supervision of a member of the environmental studies faculty. The specific form and requirements of the practicum, e.g. internship, service learning, etc., is developed in close consultation with the

instructor. Students share their reflections on the experience during the semester and make a formal presentation of the results. *3 credits*

ENVL 5050 Senior Capstone

This course is the senior capstone for all students majoring in Environmental Studies. A broad topic of pivotal importance to the field is selected annually. Each student prepares an independent research project on a specific aspect of the topic, closely mentored by faculty of the Environmental Studies program. The course is taught in the fall semester, but students begin preparation through required summer reading. The fall semester is a structured research/writing seminar that culminates in a formal written and oral presentation of the student's findings. *3 credits*

B.A. in Liberal Studies

Arts and Sciences Hall, Room 204; Fahy Hall, Room 312
(973) 761-9488

Director: William A. Smith Jr., Ph.D.

Leading to a Bachelor of Arts degree, the Liberal Studies program provides a broader-oriented education than might be gained from a concentration in one of the usual majors of the College of Arts and Sciences. The Program offers a two-track curriculum each of which can set a foundation for a teaching career or any profession in which information must be analyzed and summary reports written. Because of the extensive choices of minors and electives, students can also tailor their courses with a view toward graduate studies.

Program Requirements

Track I

Requirements for a Bachelor of Arts degree in Liberal Studies include:

- A. Completion of the core curriculum of the College of Arts and Sciences;
- B. Completion of a minor (minimum 18 credits) in one of the following disciplines:

- Advertising Art
- Africana and Diaspora Studies
- Anthropology
- Applied Music
- Archaeology
- Art History
- Asian Studies
- Classical Studies
- Communication
- English
- Fine Arts
- French
- German
- History
- Italian
- Latin
- Music History
- Philosophy

Religious Studies
Russian
Spanish

- C. Completion of four additional courses (12 credits) from the disciplines listed in (B) not required for the core curriculum or the selected minor;
- D. Completion of one English course from the following: ENGL 2514, ENGL 2515, ENGL 3511; and
- E. Completion of additional elective credits sufficient to meet the 130-credit minimum graduation requirement of the College; and G. a minimum GPA of 2.0 in the courses used to satisfy major requirements (B)-(F) inclusive.

Total: 130

Track II

- A. Completion of the core curriculum of the College of Arts and Sciences;
- B. Completion of two minors (minimum 18 credits each), at least one from the following disciplines:
Art History
Classical Studies
English
History
Languages (Chinese, Japanese, Italian, Spanish, German, French, Latin, Greek, Russian)
Music History
Philosophy
Religious Studies
And one from the following disciplines:
Africana and Diaspora Studies
Anthropology
Applied Art
Applied Music
Archaeology
Asian Studies
Catholic Studies
Communication
Environmental Studies
Women's Studies
Others with adviser/department approval
- C. Completion of one English course from the following: ENGL 2514, ENGL 2515, ENGL 3511;
- D. Completion of IDIS 5001 Senior Seminar in Liberal Studies;
- E. Completion of additional elective credits sufficient to meet the 130-credit minimum graduation requirement of the College; and
- F. A minimum GPA of 2.0 in the courses used to satisfy major requirements (B)-(F)

Dual Degree Programs

The College of Arts and Sciences offers a variety of dual degree programs. In most cases, an incoming first-year student can be admitted to the entire program conditionally on performing above a defined level during the first phase of the program. Students may be admitted to the second phase of a program based on outstanding performance and available space.

For further details regarding any of these programs, contact Enrollment Services.

Department of Biology Dual Degree Programs

The following dual degree programs are administered through the Department of Biology.

Optometry

An agreement with the Pennsylvania College of Optometry permits outstanding students to spend three years at Seton Hall University and be admitted to their optometry program. The B.S. from Seton Hall University is granted on successful completion of the first year of the optometry program.

Physical Therapy

The Department of Biology offers a 3+4 dual degree program leading to a Bachelor of Science in Biology and a Doctor of Physical Therapy. This seven-year program offers select students an opportunity to study in a traditional liberal arts environment as well as in a major healthcare organization. For a complete description of this program, see the Department of Biology.

Physician Assistant

The Department of Biology offers a 3+3 dual degree program leading to a Bachelor of Science in Biology and a Master of Science in Physician Assistant. This six-year program offers select students the opportunity to study in a traditional liberal arts environment as well as in a major healthcare organization. For a complete description of this program, see the Department of Biology.

Athletic Training

There are two options for this six-year program. The Department of Biology offers a 3+3 dual degree program leading to a Bachelor of Science in Biology and Master of Science in Athletic Training. The second option involves completion of the Bachelor of Arts in Social and Behavioral Sciences program. Both programs offer select students the opportunity to study in a liberal arts environment as well as in a major healthcare organization. For a complete description of the Biology program, see the Department of Biology. For a description of the Social and Behavioral Sciences program, see description on the next page.

B.A. in Social and Behavioral Sciences

Jubilee Hall, Room 509
(973) 275-5814

Director: Philip M. Kayal, Ph.D.

Leading to the degree of Bachelor of Arts in Social and Behavioral Sciences, this interdisciplinary major provides the basis for a general education in the social and behavioral sciences. Students seeking a broad based liberal arts education and/or seeking careers in law, government, education, human resources, management, or business are encouraged to enter this program; there is a strong emphasis on human relations.

Program Requirements

Requirements for a Bachelor of Arts in Social and Behavioral Sciences include:

- A. Completion of the core curriculum of the College of Arts and Sciences, including either MATH 1101 or MATH 1203;
- B. Completion of a minor (minimum 18 credits) in one of the following disciplines: anthropology, criminal justice, economics, political science, psychology, social work or sociology;
- C. Completion of four additional courses (12 credits) from the disciplines listed above. May include those required for the D-2 section of the core curriculum.
- D. Completion of a research methods course approved by the selected minor department;
- E. Completion of IDIS 5002 Senior Seminar, resulting in a significant research project and paper. Prerequisites for this course (3 credits) include: (a) senior standing, (b) satisfactory completion of the statistics and research methods courses;
- F. Completion of additional elective credits sufficient to meet the 130-credit minimum graduation requirement of the College; and
- G. A minimum GPA of 2.0.

Total: 130

Joint Programs

Social and Behavioral Science majors may also choose to enter a dual degree program in either Occupational Therapy or Athletic Training with Seton Hall's School of Graduate Medical Education. Students would receive both a B.A. in Social and Behavioral Sciences and Master of Science in OT or AT.

SOBS students who elect the dual degree programs must pick a minor in either Sociology, Psychology or Anthropology. SOBT (OT) students can also minor in Social Work or Anthropology focuses on culture, communication, rituals and language usage. A minor concentration in sociology gives insights into behavioral and social relations in families, communities, social groups and organizations. It attempts to provide an awareness of social influences on behavior and the requirements for living with others. Psychology, on the other hand, concentrates on the understanding of individual behav-

ior, laying the foundation for understanding emotional and psychosocial functioning. The special concerns of Social Work are poverty, illness, racism, sexism, homophobia, ageism, and indifference to human suffering. Social work is committed to the prevention of social problems and the provision of social services. Anthropology focuses on culture, communication, rituals, and language usage.

Dual Degree Programs with the School of Graduate Medical Education

The following Social and Behavioral Science dual degree programs are offered in conjunction with the School of Graduate Medical Education.

Occupational Therapy

There are two options for this six-year program: during the first three years, students complete either the Social and Behavioral Sciences program in the College of Arts and Sciences, or the general business track offered in the School of Business. Students complete the last year of their undergraduate program with the 32 required credits taken in the first year of the Master in Occupational Therapy Program offered by Seton Hall's School of Graduate Medical Education. For a description of the Bachelor of Arts/Master of Science in Occupational Therapy program, see the B.A. in Social and Behavioral Sciences program on this page; for a description of the B.S./M.S.O.T. program, see the Stillman School of Business, page 198.

Program Overview

The College of Arts and Sciences and the School of Graduate Medical Education offer a dual degree program leading to a Bachelor of Arts in Social and Behavioral Sciences, and a Master of Science in Occupational Therapy. This six-year program offers the opportunity to study in a traditional liberal arts environment as well as pursue a professional degree in one of the health professions.

The Bachelor of Arts in Social and Behavioral Sciences is awarded at the completion of four years of work and the Master of Science in Occupational Therapy is awarded at the completion of the sixth year of study.

The Occupational Therapy Program at Seton Hall University views the role of the occupational therapist as (a) a clinician, (b) educator, (c) administrator and (d) researcher. As clinicians, OTs are able to identify the health needs of individual clients and to design, implement and evaluate care plans to meet those needs. In the area of education, Seton Hall graduates are prepared to teach in healthcare community environments. As supervisors and managers, occupational therapists (OT) are able to plan, establish and evaluate occupational therapy services in a variety of settings. And in the area of research, graduates of the Bachelor of Arts Master of Science in Occupational Therapy program will be able to critically analyze new concepts and findings, integrating changes in occupational therapy practice that occur within the dynamic healthcare delivery system.

Admission Criteria

Applicants should have successfully completed a high school college preparatory curriculum, including courses in social sciences, biology, mathematics, English and a foreign language. The Scholastic Aptitude Test (SAT) scores are required of all applicants. International students must submit Test of English as a Foreign Language (TOEFL) scores. Transfer students will be considered for the first three years of the program and should have a minimum 3.0 GPA.

Applicants are required to volunteer for work under the supervision of a certified OT in a local hospital or other health-care setting to strengthen interpersonal skills and to develop an understanding of the needs and capabilities of clients and the role of OTs. A supportive letter of reference from a supervising OT is required of all students before they begin the professional phase of the program in their fourth year.

The Occupational Therapy Program at Seton Hall University is unique because it accepts students for enrollment in the entire program. Students who maintain the required 3.0 grade point average as an undergraduate are guaranteed admission into the final three years of professional studies. Admission to the program is both competitive and extremely selective.

Program Requirements

OT students who maintain the required GPA of 3.0 and complete the requirements of the social and behavioral sciences program will enter the professional phase of the program after their junior year. Students can choose one of four concentrations in their undergraduate program: psychology, social work, anthropology or sociology. The director of social and behavioral sciences assists students in planning their course of study in order to complete the program within the six-year time frame.

A model three year pre-professional curriculum for each concentration is provided below.

Model Curricula: Pre-Professional Phase

Social and Behavioral Science - Psychology, Sociology, Anthropology and Social Work Concentrations

Pre-Professional Stage for first three years of OT dual degree programs

SOBT majors declare minor in either Sociology, Social Work, Anthropology or Psychology.

Though the program sequence below is only a model, students are encouraged to take their Biology requirement in their sophomore year.

First Year

Fall Semester (Pre-Professional)

ENGL 1201	English I	3
MATH 1101 or 1203	Statistics	3
CPSY	University Life	1
	E.2 - Intermediate Language I	3
	G - Religious Studies	3
	Minor requirement	3
Total credits		16

Spring Semester

COST 1600	Philosophy core G	3
ENGL 1202	Oral Communications	3
	English II	3
	E.2 - Intermediate Language II	3
	G - Philosophy/Religious Studies	3
	Minor requirement	3
Total credits		18

Second Year

Fall Semester (Pre-Professional)

BIOL 1102	Anatomy and Physiology I	4
	E.3 - American/3 rd World Civ.	3
	Minor Requirements	9
Total credits		16

Spring Semester

BIOL 1103	Anatomy and Physiology II	4
	E.3 - American/3 rd World Civ.	3
	F - Ethical Questions	3
	Minor Requirements	6
Total credits		16

Third Year

Fall (Pre-Professional)

SOCI 2910 or POLS 2910 or CRIM 2910	G - Philosophy/Religious Studies Research Methods	3 3
	E.1 - Western Civilization I	3
	Minor Requirements	6
Total credits		15

Spring Semester

IDIS 5002	E.1 - Western Civilization II	3
	Senior Seminar	3
	Minor requirements	9
	Free Elective	2
Total credits		17

Curriculum: Professional Phase

Fourth Year (Professional Year I)

Fall Semester

		credits
OTFY 4110	Functional Human Anatomy	3
OTFY 4120	Human Physiology	4
OTFY 4310	Introduction to Principles of Learning	2
OTFY 4320	Development Across the Life Span I	2
OTFY 4410	Introduction to OT Theory and Practice I	5

Spring Semester

OTFY 4111	Clinical Integration Seminar I	1
OTFY 4130	Kinesiology	3
OTFY 4140	Neuroscience	3
OTFY 4210	Clinical Medicine in OT I	3
OTFY 4330	Development Across the Life Span II	2

OTFY 4510 Psychosocial Studies and Group Process I 4

Summer Session

GMOT 6420 OT Theory and Practice II 3
GMOT 6520 Adult Rehabilitation in OT I 3
GMOT 7210 Ethical and Legal Issues in OT 2

Fifth Year (Professional Year II)

Fall Semester **credits**
GMOT 7010 Clinical Affiliation I (3 months) 9

Spring Semester

GMOT 6220 Clinical Medicine in OT II 3
GMOT 6530 Adult Rehabilitation in OT II 3
GMOT 6540 Pediatrics in OT 3
GMOT 7120 Clinical Integration Seminar II 1
GMOT 7220 Healthcare Organizations 2
GMOT 7310 Research Methods I 2

Summer Session

GMOT 6230 Special Topics in OT 2
GMOT 6430 OT Theory and Practice III 3
GMOT 6550 Geriatrics in OT 2
GMOT 7130 Clinical Integration Seminar III 1

Sixth Year (Professional Year III)

Fall Semester **credits**
GMOT 7230 Consultation, Community and Alternative Models 2

GMOT 7320 Research Methods II 2
GMOT 7515 Seminars in Advanced Theory and Practice in OT 3
GMOT 7520 Activity Group Process 3
GMOT 7530 Advanced Concepts in Adapting Environments 3

Spring Semester

GMOT 7020 Clinical Affiliation II (3 months) 9
GMOT 7030 Clinical Affiliation III (2-3 months) 6-9

Athletic Training Program

The College of Arts and Sciences and the School of Graduate Medical Education offer a dual degree program leading to a Bachelor of Arts in Social and Behavioral Science (B.A.) and a Master of Science in Athletic Training (M.S.A.T.). This five year program offers students the opportunity to study in a liberal arts environment as well as the opportunity to study the art and science of athletic training. Upon completion of the MSAT program students will be thoroughly prepared for the National Athletic Trainers Association Board of Certification (NATABOC) examination.

An athletic trainer is an allied health professional who works under the direction of a physician. The scope of study includes prevention of athletic injuries; recognition and evaluation of athletic injuries; management, treatment, and disposition of athletic injuries; rehabilitation of athletic injuries; organization and administration of an athletic training program; and education and counseling of athletes.

The Certified Athletic Trainer can be employed for colleges/universities, professional sports teams, high schools, community colleges, fitness centers, and sports medicine clinics.

The mission of the Masters of Science in Athletic Training program is to prepare individuals to become leaders in athletic training who can act as administrators and policy makers in the health care arena; to prepare individuals as athletic training clinicians with the capability of practicing competently and proficiently, ethically and professionally, and with care, sensitivity and respect for all humans, and to prepare individuals to become consultants, educators and researchers who can effect change in an evolving health care environment.

The professional phase of the MSAT program includes academic and clinical practica in athletic training. Students will develop the knowledge and skills they need to perform as entry-level practitioner, and grow and adapt to the rapid changes in the profession and healthcare delivery system.

Admission Criteria

Applicants should have successfully completed a high school college preparatory curriculum, including courses in social sciences, biology, mathematics, English and a foreign language. The Scholastic Aptitude Test (SAT) scores are required of all applicants. International students must submit Test of English as a Foreign Language (TOEFL) scores. Transfer students will be considered for the first three years of the program and should have an acceptable overall average.

Program Requirements

Athletic training students who complete the requirements of the social and behavioral sciences program, and who maintain an acceptable overall average with successful completion of selected prerequisite courses (8 credits of A&P I and II, 4 pre-calculus, and 4 physics) will enter the professional phase of the program after their junior year. Students are required to observe 50 hours under supervision of a Certified Athletic Trainer (ATC) in any healthcare setting to develop an understanding of the needs of clients and the role of athletic trainers. The observational experience can be completed anytime before they begin the professional phase of the program in their fourth year and requires a letter of reference from the supervising ATC. Students can choose psychology or sociology as their concentration in their undergraduate program. The director of social and behavioral sciences assists students in planning their course of study in order to complete the program within the six-year time frame. Students must complete at least 105 credits before they begin the graduate courses in athletic training.

Curriculum: Professional Phase

Summer before Fourth Year (6 credits)

ATFY 4101 Athletic Training Principles I **
GMED 4001 Functional Human Anatomy **

Fourth Year**Fall Semester (13 credits)**

ATFY 4011 Athletic Training Principles II **
GMED 4007 Research Methods **
GMED 4009 Surface Anatomy and Palpation **
GMED 4022 Basic Rehabilitation Procedures **
GMED 4101 Human Physiology **

Spring Semester (13 credits)

ATFY 4104	Practicum in Athletic Training I
ATFY 4007	Research Project I
GMED 4012	Kinesiology **
GMED 4013	Therapeutic Modalities **
GMED 4014	Exercise Physiology and Nutrition

Summer (8 credits)

GMAT 6114	Practicum in Athletic Training II
GMAT 6115	General Medical Conditions
GMAT 6116	Healthcare Administration
GMED 6004	Biomedical Ethics

Fifth Year**Fall Semester (13 credits)**

GMAT 7002	Practicum in Athletic Training III
GMAT 7107	Research Project II
GMED 6016	Orthopedic Clinical Medicine
GMED 6017	Clinical Imaging
GMED 6018	Therapeutic Exercise
GMED 6019	Management of Musculoskeletal Problems: Extremities

Spring Semester (11 credits)

GMAT 7308	Practicum in Athletic Training IV
GMAT 6113	Sports Psychology
GMAT 7207	Research Project III
GMED 6020	Management of Musculoskeletal Problems: Spine
GMED 6021	Exercise Pharmacology
GMED 6202	Pharmacology

***These credits count toward the undergraduate degree.*

Five -Year Dual Degree Programs

The College of Arts and Sciences offers five five-year programs: the Five-Year Arts and Sciences degree and Master of Business Administration program, the Five-Year Political Science or Sociology degree and the Master of Public Administration program, the Five-Year B.A./M.A. in Museum Professions program, the Five-Year B.A./M.A. in English program, the Five-Year B.A./M.A.E. in Psychological Studies, and, in cooperation with New Jersey Institute of Technology, the Engineering degree program.

B.A. or B.S./M.B.A.

The College of Arts and Sciences and the Stillman School of Business at Seton Hall University offer joint programs that lead to:

- a Bachelor of Arts or Science degree in an area of the liberal arts; and
- a Master of Business Administration degree from the School of Business, whose programs are fully accredited by the AACSB (Association to Advance Collegiate Schools of Business - International).

Both degrees can be earned in five years. The program has a two-fold purpose: to provide a broad-based undergraduate education with a comprehensive grasp of one arts and sciences major; and to permit students to earn a Master of Business Administration within a time frame of five years.

Students in the program take arts and sciences courses during the first three years. After taking the Graduate Management Admission Test (GMAT) and, at the end of the third year, students apply for the Master of Business Administration program. Applicants who are accepted take a combination of arts and sciences and business courses during the fourth year. They must earn a minimum of 99 liberal arts credits and satisfy applicable core and major requirements.

At the end of the fourth year and upon completion of 130 credits, students in the program receive a Bachelor of Arts or a Bachelor of Science degree. The fifth year is devoted to business courses, and a Master of Business Administration degree is awarded upon completion of all requirements and a total of 150 credits. Courses are selected with the assistance of each student's faculty adviser. More information about this program is available through Enrollment Services.

B.A. in Political Science or Sociology/M.P.A.

The departments of Sociology and Political Science of Seton Hall University offer a dual degree program with the Graduate Department of Public and Healthcare Administration that leads to two degrees completed in a five-year span: a Bachelor of Arts degree in Political Science or Sociology and a Master of Public Administration degree.

The program has a two-fold purpose: to provide a broad-based undergraduate education with a comprehensive grasp of one's major in either Sociology or Political Science; and to permit students to earn a Master of Public Administration (M.P.A.) degree within the timeframe of five years.

Students may apply for admission to the joint degree program when first making application to the University or after they begin their studies. Students who are accepted into the University and declare Sociology or Political Science as their majors also may be provisionally accepted for work toward the M.P.A. degree. Final acceptance into the M.P.A. degree program, however, will only occur upon successful completion of no fewer than 89 credits of the undergraduate degree program with a grade point average of no less than 3.2 and the successful completion of the M.P.A. application process.

In applying to the M.P.A. degree program, which is fully accredited by the National Association of Schools of Public Affairs and Administration (NASPAA), the student must follow the regular application procedures for admission to the M.P.A. program, except that he/she must:

- achieve a cumulative GPA that is 3.2 or above by the end of his/ her third year;
- have transferred no more than 18 credits to the University; and
- submit three letters of recommendation from his/her undergraduate instructors, two of which must be from full-time political science or sociology faculty.

Full matriculation in the M.P.A. degree program is completed only upon the recommendation of the Graduate Admissions Committee of the M.P.A. program.

Students accepted into this program follow the academic program prescribed by their majors in consultation with their advisers (including the core requirements in Arts and Sciences and the requirements of their majors) during the first three years. If accepted into this program, students may take M.P.A. courses during their senior years, which count toward the completion of the bachelor's degree.

At the end of the fourth year and upon completion of 130 credits, students in the program receive a Bachelor of Arts degree. If the student wants to complete the five-year B.A./M.P.A. degree, twelve of those credits must come from the core courses of the graduate public administration program. During the fifth year, 27 additional M.P.A. credits, which include a 3-credit summer internship, must be completed.

For further information, contact the departments of Sociology, Political Science, or the Graduate Department of Public and Healthcare Administration.

Dual Degree Program in Psychological Studies

The Departments of Psychology (College of Arts and Sciences) and Professional Psychology and Family Therapy (College of Education and Human Services) offer a dual degree program leading to a Bachelor of Arts in Psychology (B.A.) and Master of Arts in Education (M.A.E.). This five-year program permits students to take four classes from the Psychological Studies core curriculum during their senior year. Satisfactory completion of the M.A.E. program would enable entry into one of the PPFT Ed.S. practitioner programs in School Psychology, Mental Health Counseling, or Marriage & Family Therapy.

Requirements for program admission:

- Have senior status (90 credits) by the time courses begin (apply in the second semester of junior year)
- Completed graduate application (available online or 4th Floor Jubilee Hall)
- Overall Undergraduate GPA 3.0; Psychology GPA 3.2
- Letter of recommendation from major advisor
- Personal Statement

Engineering Degree Program in Collaboration with NJIT

Seton Hall University and the New Jersey Institute of Technology in Newark together offer a five-year joint degree program that allows students interested in civil, electrical, mechanical and chemical engineering to earn both the B.S. degree from Seton Hall in physics or chemistry and the B.Eng. from NJIT in five years. Students in this program take the first three years of coursework at Seton Hall, and the fourth and fifth years at NJIT. The B.S. is awarded at the completion of four years of work and the B.Eng. after the fifth. Students

interested in this program should contact the chairs of the Departments of Physics (for biomedical, civil, computer, industrial, mechanical and electrical engineering) or Chemistry (for chemical engineering) for details regarding this program.

The principal advantage of such a five-year program is that it affords students a broader education in the humanities and the social sciences than the typical four-year engineering program allows, and thus better prepares them for careers in engineering, which require interaction with persons not trained in engineering. Such careers are found both in the corporate world and in the public sector and often include high-level managerial responsibility and communication with the nontechnical public.

Interdisciplinary Minor Programs

The College of Arts and Sciences offers three interdisciplinary minor programs: the Minor in Archaeology Studies, the Minor in Environmental Science and the Minor in Environmental Studies.

Archaeology

Co-sponsored by the Department of Religious Studies, Classical Studies and Sociology/Anthropology.

Participating faculty bring a broad range of academic experience from disciplines of arts and humanities, behavioral and exact sciences.

The Minor in Archaeology Studies is a program designed to lead the student to ancient foundations of human intellectual, social and material achievement through guided applications of academic disciplines.

A liberal arts education is intended to provide students with a knowledge about a variety of academic areas and some experience in several of its disciplines. Archaeology as discourse about ancient things is a discipline that integrates into its own operations a variety of academic disciplines.

Students who minor in archaeology can achieve more than a knowledge of the deepest foundations of our civilization. Because of its practical and experimental nature, archaeology facilitates the integration of academic disciplines into a more coherent vision of what abroad liberal arts education is all about.

Students who wish to earn a certificate instead of a minor must fulfill program requirements as described in A, B and D.

Students are encouraged to integrate their majors and/or minors with the study of archaeology where possible. Projects chosen range from studies in art, artifacts or architecture of antiquity to chemistry, computer applications and photography. Museum internships are usually available and strongly encouraged. Co-op programs for summer and year-round work also are available.

The Archaeology Club offers opportunities for all students to interact with faculty and other students outside of class, to visit museums, attend lectures, work with artifacts, etc.

Requirements

Each course is offered for three credits and may be taken either under ARCH or under the cross-listed department designation.

A. Three credits in the following:

ANTH 1211 Introduction to World Archaeology
ARCH 1001 (IDIS 1201) Archaeology for Liberal Arts

(see page 174 for descriptions of IDIS courses)

B. Six credits in the following:

ANTH 1201 Physical Anthropology
ARCH 1112 (CLAS 1311) Archaeology of Greece
ARCH 1113 (CLAS 1312) Archaeology of Rome
ARCH 1114 (RELS 2121) Archaeology and the Bible
ARCH 1116 (ANTH 1217) Archaeological Field Techniques
ARCH 3001 Virtual Archaeology
ARCH 3110 (RELS 3190) Art and Archaeology of the Ancient Near East
RELS 2122 Practicum in Archaeology

C. Six credits in the following:

ANTH 1202 Cultural Anthropology
ARCH 1202 (IDIS 1101) Traditional Cultures/Non-Western World
ARCH 1250 (RELS 2160) Women in the Biblical Tradition
ARCH 2111 (ANTH 2225) Beginnings of Civilizations
ARCH 2112 (CLAS 2319, HIST 2220) Greek Civilization
ARCH 2113 (CLAS 2320, HIST 2221) Roman Civilization
ARCH 2303 (CLAS 2303) Politicians in Antiquity
ARCH 2304 (CLAS 2304, HIST 2183) Historians of Greece and Rome
ARTH 1111 Classical Art
ARCH 2317 (CLAS 2317, ENGL 2612) Classical Mythology
ARCH 2322 (CLAS 2322, HIST 2170, WMST 2322) Women in Antiquity
ARCH 2345 (ANTH 2245) Cultures of Middle America
ARCH 2346 (ANTH 2241) North American Indian
ARCH 2347 (ANTH 2247) The Prehistoric American Indian
ARCH 2349 (ANTH 2249) The Indians of New Jersey
HONS 1101 Ancient Civilizations
RELS 1102 Introduction to the Bible
RELS 2111 Genesis and Exodus

D. Three credits in an archaeological project:

ARCH 4001 Independent Study/Project (1 credits)
ARCH 4002 Independent Study/Project (2 credits)
ARCH 4003 Independent Study/Project (3 credits)

See Index to locate course descriptions under their cross-listed codes as indicated above

Certificate Programs

Multi-Disciplinary Certificate in Gerontology

Director: Emma Quartaro (*Social Work*).

Advisers: Formicola (*Political Science*); Kayal (*Sociology*); Pritchett (*African-American Studies*); Law (*T.B.A.*); Nursing (*T.B.A.*)

The multidisciplinary certificate program in gerontology is a concentration of studies designed for those who wish to understand and advance the quality of life of older persons. The concentration may be taken in addition to an appropriate major: nursing, social work, sociology, business, psychology, biology, political science, African-American studies, education or religious studies. Students wishing admission into the concentration should contact the program director and/or the gerontology adviser in their discipline, as indicated above.

Program Requirements

In addition to the requirements of the school and the major upon which the concentration is built, the following three units - a total of 18 credits - are required. Courses are all 3 credits, except as noted.

I. Gerontology: 9 credits

AFAM 3312 Advanced Seminar in Gerontology
NUTH 3112 Gerontological Nursing
SOWK 1911 Introduction to Gerontology

II. Electives: 6 credits from the following courses:

AFAM 2328 Minority Aging
PHIL 1232 Philosophy of Death
PSYC 1214 Adult Development
RELS 2515 Religions and Aging
SOC 2511 (AFAM 2328) Sociology of Aging
SOWK 1912 Psychosocial Aspects of Aging

III. Additional electives

Students wishing to supplement the required courses should consider the following courses:

Social and Behavioral Sciences

ANTH 2224 Health and Medicine: An Anthropological Approach
PSYC 2212 Developmental Psychology
PSYC 3218 Developmental Psychobiology
SOC 2813 Socialization Over the Life Course

The Life Sciences

BIOL 1102-1103 Human Anatomy and Physiology I-II (8 credits)
BIOL 1210 Elements of Heredity

Policy and Economics

POLS 2110 Contemporary Issues in U.S. Public Policy
POLS 2111 Issues in Comparative Public Policy
SOWK 2301 Social Policy Analysis
SOWK 2401 Social Welfare: Commonality and Diversity

See Index to locate elective course descriptions.

IV. Internship

An internship (practicum or clinical) in direct service or research is required of all students. Students in the professions need not do another internship but must complete their required clinical or practicum in aging. Students in majors not requiring an internship must complete a 3-credit internship as independent study in their own majors. *3 credits minimum.*

Course Descriptions

AFAM 2328 Minority Aging

Examination of the "cultural difference" in the process of aging and its influence on behavior patterns. Comparison of traditional theories of aging with new data produced from an analysis of the "ethnic" variable. Historical perspectives, demography, research methodology, theoretical orientations, social intervention, socioeconomic living circumstances. *3 credits*

AFAM 3312 Advanced Seminar in Gerontology

Sharing of perspectives from the different disciplines involved in the gerontology program through small group study, supplemented by discussion in the full seminar. Special topics such as collaboration of staff, community and people served; security and safety; freedom of choice. Research methodology. *3 credits*

NUTH 3002 Gerontological Nursing

Focuses on the aging process from both biological and social perspectives. Patterns of normal aging as well as common pathological conditions and health problems faced by the elderly. Health promotion, health maintenance and restorative nursing as well as adaptations in self-care required as a result of age-related changes and chronic illness. Prerequisite: Lower division completion. *2 credits*

PSYC 1214 Adult Development

Human life span from early adolescence through senescence. The main developmental aspects include: stability, role reversal, cultural needs, critical periods, resistance to change, need hierarchies, managerial tasks and sex differences. *3 credits*

RELS 2515 Religions and Aging

Role of religious traditions in world cultures with reference to old age, life review, life satisfaction and life closure. Religiosity and spiritual well-being in contemporary gerontology literature. Religions in service and cooperation with state programs for alleviating inhumaneness in advanced aging. Positive valuation of a "new generation;" the elders in society. *3 credits*

SOCI 2511 (AFAM 2328) Sociology of Aging

Sociological perspective and the phenomenon of aging, especially in industrialized western society. The causes and effects of longevity on the individual's life cycle and on social institutions. The lifestyle of the aged, including institutionalization, stigmatization and self-identity. Alternate programs and strategies of change. *3 credits*

SOWK 1911 Introduction to Gerontology

Overview of the basic facts about aging and aging processes, including demography, biology, psychology, sociology and policy analysis. *3 credits*

SOWK 1912 Psychosocial Aspects of Aging

Examination of the person/situation of older adults, focusing on factors contributing to behavioral stability and change over

time. Emphasis on traits, self-concepts, and lifestyles; the roles of older adults; and the relationship of both person/situation to successful aging. *3 credits*

SOWK 2301 Social Policy Analysis

Analyzes major factors involved in social policies, programs and organizations. Presented using functional, structural and conflict perspectives. Examines how the interplay of politics, economics, social values and professionalism shapes the social welfare institution in the United States. Prerequisite: SOWK 2401. *3 credits*

SOWK 2401 Social Welfare: Commonality and Diversity

Develops a conceptual framework for knowledge building and enhancement of understanding of the social welfare system and how it is made available to and used by different groups in the United States and elsewhere. Prerequisite: SOWK 2301. *3 credits*

Certificate in Russian and East European Studies

The College of Arts and Sciences offers an undergraduate certificate program on Russia and East Europe, a broad multidisciplinary course of study leading to a certificate of proficiency in Russian and East European studies.

With a broad liberal arts background, students will gain a well-planned, comprehensive introduction to Russia and Eastern Europe, including the fundamentals of the Russian language and the history, literature, politics and economies of the region.

The program includes a minimum of 30 credits in language and area studies courses.

Program Requirements

The basic program consists of 12 credits in Russian language (or a proficiency examination in another language of Eastern Europe), 15 credits in area courses, and a 3-credit program essay.

Language*		credits
RUSS 1001-1002	Elementary Russian I-II	6
RUSS 1101-1102	Intermediate Russian	6

Essay

A program essay (the equivalent of a senior paper) must be submitted on a topic approved by the director and written under the supervision of a faculty member involved in the program. Normally this requirement is satisfied by taking supervised research in the department of each student's majors.

Area Study Courses*

Students must elect 15 credits from the following, 6 credits of which are to be from disciplines other than their department majors.

		credits
ENGL 3401	Classical Russian Literature	3
ENGL 3402	Contemporary Russian Literature	3
HIST 2246	Kievan Rus' and Moscow	3
HIST 2256	History of Imperial Russia	3
HIST 2266	Twentieth Century Russia	3
HIST 2276	The Transformation of Russia, 1894-1932	3
HIST 2290	Topics in Modern Russian History	3

POLS 2613	Russian Politics	3
RELS 2224	Eastern Christianity	3
RUSS 2101	Russian Conversation	3
RUSS 2111-2112	Advanced Russian I and II	6
RUSS 2113-2114	Scientific Russian I and II	6
RUSS 2115-2116	Introduction to Russian Literature I and II	6
RUSS 2117	Russian Civilization	3
RUSS 2313-2314	Modern Russian Literature I and II	6
RUSS 2316	Russian Civilization through Film	3
RUSS 2317	Russian Drama	3
RUSS 3391-3392	Studies in Russian Literature I and II	6

Additional topics and courses may be approved for credit toward the certificate at the discretion of the program director. Program Web site: artsci.shu.edu/reesp.

*See index to locate course descriptions.

Interdisciplinary Courses

In addition to departmental courses the College of Arts and Sciences offers several interdisciplinary courses that may fulfill core curriculum and certain major requirements. Interdisciplinary courses are taught, both individually and in teams, by faculty from various arts and sciences departments.

Students interested in taking any of the following courses should refer to the core curriculum on pages 68-70 or consult with an adviser in the appropriate department.

IDIS 1001 Freshman Seminar

Introduction to the University experience through small group learning seminars under the guidance of members of the faculty. Students pursue a collaborative research project during their first semester. Topics are determined by the professor, but the class arrives at the actual format of the research project. Offers a practical exercise in research and critical thinking, and provides exposure to experiential learning as well as preparation for more intensive work in subsequent semesters. *3 credits*

IDIS 1101-1102 Traditional Cultures of the Non-Western World I-II

Team-taught survey of the major traditional cultures of Asia, Africa and the Americas. Survey of society, government, philosophy, religion, economy and arts. Background to understanding the cultures of the modern third world. Applicable to Section E.3 of the core curriculum. *6 credits*

IDIS 1103 Contemporary Eastern European Society

Introduction to the social, political and economic changes taking place in countries that formerly comprised the Soviet Union. Events of the last decade are considered in their historical context. *3 credits*

IDIS 1201 (ARCH 1001) Archaeology for Liberal Arts

Multifaceted presentation draws on humanities and sciences in theory and practice. Students handle ancient artifacts, become acquainted with processing data scientifically and learn about ways scientific knowledge is integrated into an understanding of human life. They study ancient archaeological sites together with literature of art, history, politics and religion derived from them and provide a liberal arts framework within which to place a career-oriented major. Applicable to D.2 of the core curriculum. *3 credits*

Multicultural Program

The Multicultural Program is an academic program that is part of the core curriculum of the College of Arts and Sciences. Students who enroll in IDIS 1501-1502 Peoples and Cultures of America I and II receive six credits in the E3a category of the core. Students who take these courses are better prepared to deal with the diverse cultures they encounter domestically and globally in the fields of business, teaching, and government service. In addition to its academic program, the Multicultural Program sponsors a film and lecture series open to the general public.

IDIS 1501 Peoples and Cultures of America I

Introduces the various racial, ethnic, and religious groups who comprise the current American mosaic, from its earliest Native American inhabitants to the most recent immigrants. An overview of their cultural contributions and the manner in which gender and class influences their experiences constitute an important focus. Readings are drawn from original sources as well as monographs. Guest speakers and films will be used in this interdisciplinary multicultural course. *3 credits*

IDIS 1502 Peoples and Cultures of America II

Presents a comparative overview of those foreign cultures that have sent and are sending America immigrants from Asian, African, European, Caribbean, and Latin American nations. Readings are obtained from original sources and monographs. A multicultural course exploring cultural diversity in a global context. Guest speakers and films will be used in this interdisciplinary course. *3 credits*

Other Interdisciplinary Courses

IDIS 2111 Science in Business

Team-taught survey of fundamental scientific concepts in biology, chemistry and physics for business majors. Topics chosen by professors. Prerequisite: BMIS 2701. *3 credits*

IDIS 5001 Senior Seminar in Liberal Studies

Students in Track II should take this seminar in the first semester after attaining the senior level number of credits. Contingent upon the number of eligible students the seminar will be run either as a regular section or, should there be fewer than four students, in an independent study mode. The seminar will involve a major and minor paper in the area of the humanities as well as discussions with the Director. *3 credits*

IDIS 5002 Senior Seminar in Social and Behavioral Science

Interdisciplinary senior seminar for social science majors which fulfills the graduation requirements for the SOBS or the SOBT major. Topics for the participants are decided upon in consultation with the faculty members directing the seminars and vary by the student's minor field. *3 credits*

Center for Catholic Studies

Fahy Hall, Room 318

(973) 275-2175

academic.shu.edu/ccs

Director: Monsignor Richard Liddy

Many dimensions of Catholic culture come alive for students participating in the Interdisciplinary Program in Catholic Studies.

The program engages students in the imaginative and sacramental expressions of Catholic life in literature, the arts, social systems and personal experience. Its interdisciplinary dimension and range of electives give students insight into Catholicism's dynamic interaction with cultures, traditions and intellectual life throughout history. At the same time, the program's interpersonal approach and opportunities for sustained reflection on current issues invite students to enter into a deeper, more mature understanding of the Catholic faith.

Students may choose a major, minor or a certificate in the program. Note: Students declaring Catholic studies as a second major at the end of their first year must have sophomore status and a GPA of 2.5.

B.A. in Catholic Studies

A. Core Courses (18 credits)

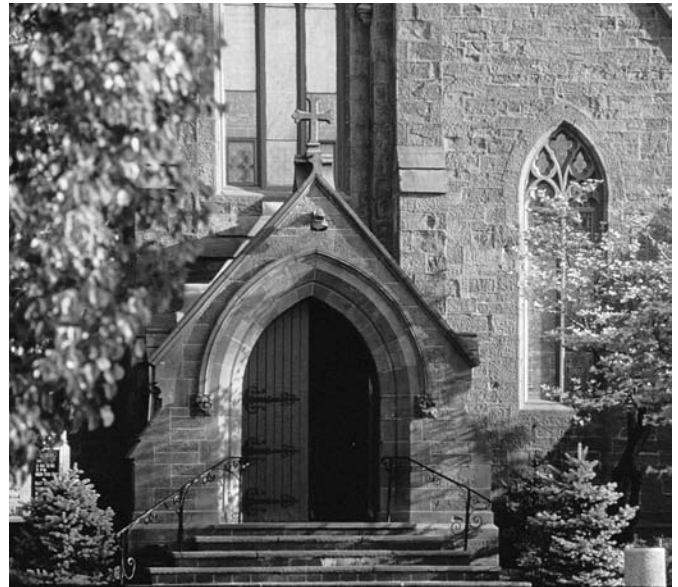
RELS 1202	Christian Belief and Thought
CAST 1302 (RELS 1302)	Introduction to the Catholic Vision
CAST 2001	Catholicism and Art
CAST 2015 (ENGL 2015)	Catholicism and Literature
CAST 2520 (RELS 2520)	Catholic Social Teachings
CAST 3193	Integrating Seminar in Catholic Studies

B. Electives (18 credits)

Students must choose a concentration in the areas of either The Catholic Intellectual Heritage or The Catholic Cultural Heritage, with four courses being taken from the area of concentration. Of these four courses, no more than three may be chosen from a single cross-listing department. Students must also choose two courses from the area of non-concentration.

The Catholic Intellectual Heritage

CAST 2153 (RELS 2153)	Letters of Paul
CAST 2160 (PHIL 2160)	19th and 20th Century Catholic Thinkers
CAST 2223 (RELS 2223)	Modern Christian Thought
CAST 2224 (RELS 2224)	Eastern Christianity
CAST 2313 (RELS 2313)	Christian Spirituality
CAST 2513 (RELS 2513)	Theology of Peace
CAST 2514 (RELS 2514)	Theology of Sexuality
CAST 3950 (PHIL 3950)	Faith and Reason Seminar
PHIL 2030	Medieval Philosophy
PHIL 3010	St. Augustine
PHIL 3015	St. Thomas Aquinas
RELS 2111	Genesis and Exodus
RELS 2112	The Prophets



RELS 2151	The Gospels of Matthew, Mark and Luke
RELS 2152	The Gospel and Letters of John
RELS 2160	Women in the Biblical Tradition
RELS 2221	Early Christian Thought
RELS 2222	Medieval Christian Thought
RELS 2231	Jewish-Christian Relations
RELS 2241	Introduction to Ecumenism
RELS 2242	The Papacy in Ecumenical Perspective
RELS 2312	The Church
RELS 2314	Sign, Symbol, Sacrament
RELS 2315	Theology of Marriage
RELS 2322	Religion and Contemporary Culture
The Catholic Cultural Heritage	
ARTH 1112	Medieval Art
ARTH 1113	Italian Art of the Renaissance
ARTH 1114	Leonardo and Michelangelo
ARTH 1115	Baroque and Rococo Art
CAST 2101-2 (LATN 2101-2)	Intermediate Latin I-II
CAST 2207-8 (GREK 2207-8)	New Testament Greek
CAST 2236 (HIST 2236)	Catholicism, Tradition, and Reform Since 1500
CAST 2291 (HIST 2291)	Roots of Catholic Ireland
CAST 2422 (ENGL 2422)	Catholic Literature and Film
CAST 2428 (ENGL 2428)	Contemporary Literature and Religion
CAST 3150 (LATN 3150)	Medieval Latin
CAST 3412	C.S. Lewis & G.K. Chesterton
CAST 3995 (SOC 3881)	Catholicism and Human Sciences
CAST 3999 (HIST 3999)	Emergence of Christian Rome
ENGL 2105	Poetry of Courtly Love
ENGL 2211	Medieval Literature

ENGL 2311	Chaucer
ENGL 2316	Poetry of Gerard Manley Hopkins
ENGL 2410/CAST 2410	The Bible as Literature
HIST 2230	Europe in the Middle Ages
HIST 2233	Dante and His World
HIST 2234	Medieval Italy
HIST 2235	Modern Italy II
HIST 2240	Renaissance and Reformation
HIST 2264	Modern Ireland
HIST 2387	The Catholic Church in the U.S.
ITAL 2311/2	Contemporary Italian Prose
MUHI 1137	Gregorian Chant: Notation Methods of Singing, Direction
SOCI 2412	The Social Significance of Religion

C. Foreign Study Opportunities (optional)

Students may apply credits from Seton Hall Catholic studies courses conducted as part of foreign travel and/or credits from overseas Catholic studies programs conducted by other universities with the prior approval of the director. Seton Hall has a special arrangement with the Rome program of the University of St. Thomas, St. Paul, Minnesota. The maximum number of credits that can be applied to the Catholic studies major is 6. The Center for Catholic Studies annually offers its own foreign study programs.

D. Service Learning (optional)

PHIL 1107/8	Self and Community: Philosophy in Theory and Practice I-II
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The Minor

A minor in Catholic studies consists of six courses:

Core Courses	Credits
CAST 1302 (RELS 1302)	Introduction to the Catholic Vision 3
CAST 3193	Integrating Seminar in Catholic Studies 3
PHIL 3950 (CAST 3950)	Faith and Reason Seminar 3
One course on Religion and Literature	3
Two electives approved by the director of Catholic studies	6
Total: 18	

The Certificate

A certificate in Catholic studies consists of five courses:

Core Courses	Credits
CAST 1302 (RELS 1302)	Introduction to the Catholic Vision 3
CAST 3193	Integrating Seminar in Catholic Studies 3
PHIL 3950 (CAST 3950)	Faith and Reason Seminar 3
One course on Religion and Literature	3
One elective approved by the director of Catholic studies	3
Total: 15	

Enrichment

The Interdisciplinary Program in Catholic studies appeals to students, Catholic or not, who seek to deepen their knowledge of the riches of the Catholic intellectual tradition. Its interdisciplinary nature allows students to encounter the beauty and vitality of Catholicism as it is expressed across the disciplines. By examining the role Catholicism has played in various cultures, students are challenged to take seriously its influence in every aspect of intellectual, spiritual and social life.

Because of its emphasis on close interaction between faculty members, students and alumni, those who choose to participate in the program enter into a unique type of intellectual community. Such community can be instrumental in forming character and good intellectual and spiritual habits.

The program is flexible. Most courses are cross-listed with other departments. Students majoring or minoring in other disciplines are invited to take an occasional course in the program. Such courses can shed light on the religious and humanistic dimensions of the various disciplines.

Women's Studies

Fahy Hall
(973) 275-2709
artsci.shu.edu/cwsl

Director: Cecilia Marzabadi, Ph.D.

The Women's Studies Program is established in the spirit of St. Elizabeth Ann Seton, whose life of activism, spirituality and leadership serves as an inspiration to our community. The program embraces, as does the University as a whole, the life of Elizabeth Ann Seton as a model and example.

The Elizabeth Ann Seton Center for Women's Studies seeks to create a supportive and challenging learning environment that prepares students for effective and responsible participation and leadership in their professional, academic, spiritual and family lives.

"We all live with the objective of being happy; our lives are all different and yet the same."

ANNE FRANK

name and invokes the spirit of her vision to face the challenges of the new millennium.

The Women's Studies Minor

The Women's Studies Committee and faculty members are: Simone James Alexander, Africana and Diaspora Studies; Mary Balkun, English; Beth Bloom, University Libraries; Janine Buckner, Psychology; Wendy Budin, Nursing; Martha Carpentier, English; Charles Carter, Religious Studies; C. Lynn Carr, Sociology; Marta Deyrup, University Libraries; Barbara Feldman, Sociology; Marian Glenn, Biology; Tracy Gottlieb, Freshman Studies; Larry Greene, History; Brigitte Koenig, History; Cecilia Marzabadi, Chemistry and Biochemistry; Ines Murzaku, Religious Studies; Charlotte Nichols, Art and Music; Susan A. Nolan, Psychology; Amy Nyberg, Communication; Emma Quartaro, Social Work; Kathy Rennie, Communication; Karen Rhines, Psychology; Christopher Sharrett, Communication; Judith Stark, Philosophy; Yvonne Unna, Philosophy; Gisela Webb, Religious Studies; Angela Weisl, English; Deirdre Yates, Communication.

As a minor (18 credits), women's studies is an excellent complement to virtually any major. It will strengthen students' academic preparation and better prepare them for a competitive and rapidly changing job market. Students' preparation for the professions (law, medicine, education) and the corporate world will be greatly enhanced by a rigorous analysis of gender and its importance in the wider culture. Students who have explored the disciplines through the gender lens will be better prepared to understand the complexities of the work world.

The women's studies minor at Seton Hall University is an interdisciplinary exploration of the experiences of women and the diverse perspectives on women and gender. Courses will investigate the roles of gender in society and culture.



I. Minor Requirements

Credits

WMST 1401	Women, Culture and Society	3
WMST 2110	Feminist Theories	3
WMST Electives	Students must take at least one course from Behavioral Sciences and one course from Humanities. The third and fourth electives may be from either area, or students may choose to take a 3-credit Independent Study (WMST 3193) as an elective.	12

Course Descriptions

WMST 1401 Women, Culture and Society

An interdisciplinary course designed to introduce students to the contributions of women to history, society and culture, and enable them to understand and evaluate the effects of social institutions and cultural expectations on gender. *3 credits*

WMST 2110 (PHIL 2110) Feminist Theories

Examination of the wide range of theories and perspectives that constitute feminism today. Three main parts: historical overview of the development of feminist thinking; analysis of major feminist theories; and examination of the intersections between traditional philosophy and feminist thinking. *3 credits*

WMST 3193 Independent Study

Directed study and research in chosen area of women's studies selected by the student in consultation with the program director. Requires extensive collaboration with a faculty member in the specific discipline and a major research problem. *3 credits*

WMST 3331-3339 Special Topics in Women's Studies

3 credits

II. Elective Courses

Humanities

WMST 2113/ENGL 2113 Women and Literature I
 WMST 2114/ENGL 2114 Women and Literature II
 WMST 2160/RELS 2160 Women in the Biblical Tradition
 WMST 2171/HIST 2171 Women in Modern Times
 WMST 2317/AFAM 2317 The Black Man and Woman
 WMST 2322/CLAS 2322/ARCH 2322/HIST 2170
 Women in Antiquity

Behavioral Sciences

WMST 1215/PSYC 1215 Psychology of Women
 WMST 1334/SOWK 1334 The Well-Being of Women
 WMST 1335/SOWK 1335 Family Violence
 WMST 2211/SOCI 2211 Marriage and Family Life
 WMST 2233/ANTH 2233/SOCI 2812
 Understanding Human Sexuality
 WMST 2514/SOCI 2514 Sociology of Women and Men
 WMST 2513/SOCI 2513 Social Inequality
 WMST 2610/ANTH 2610/POLS 2610
 Women and Politics
 WMST 2812/SOCI 2812 Sexual Behavior
 WMST 3432/COJR 3432 Women and the Media
 WMST 3514/SOCI 3514 Sociology of Women and Men
 WMST 3514/SOCI 3514 Sociology of Gender
 WMST 4001/ANTH 4001 American Indian Women

Stillman School of Business



Jubilee Hall, 5th and 6th Floors

(973) 761-9222

business.shu.edu

Dean: Karen E. Boroff, Ph.D.

Associate Dean of Academic Services:

Karen A. Passaro, M.B.A., J.D.

Associate Dean of Undergraduate and M.B.A. Curricula:

Joyce A. Strawser, Ph.D.

Assistant Dean: Leigh M. Onimus, M.B.A., J.D.

Director of Graduate Admissions: Joan C. Liljegen, M.Ed.

Director of Administrative Services: Patricia Cook

Departments and Chairs:

Accounting and Taxation: David Gelb, Ph.D.

Computing and Decision Sciences: David Rosenthal, Ph.D.

Economics: John J. Dall Jr., Ph.D.

Finance and Legal Studies: Anthony Loviscek, Ph.D.

Management: Jason Yin, Ph.D.

Marketing: Joseph Wisenblit, Ph.D.

Center and Institute Directors:

The Center for Entrepreneurial Studies:

Susan Scherreik, M.B.A.

The Institute for International Business:

Héctor Lozada, Ph.D.

The Center for Leadership Studies:

Lisa McCauley Parles, J.D.

The Center for Securities Trading and Analysis:

Anthony Loviscek, Ph.D. and Elven Riley, B.A.

The Center for Sport Management: Ann M. Mayo, Ph.D.

The Center for Tax Research: Brian Greenstein, Ph.D.

Mission Statement

The mission of the Stillman School of Business is to be the school of choice for business education in the state of New Jersey and to be known nationally as among the best business schools within a Catholic university.

Programs of Study

The Stillman School of Business offers programs leading to the degrees of Bachelor of Science in Business Administration, Bachelor of Arts in Business Administration, and Master of Science degrees in Business Administration, as well as Master of Science degrees in Accounting and Professional Accounting, International Business and Taxation. The *Graduate Catalogue* contains information about the M.B.A. and M.S. programs.

The program leading to the degree of Bachelor of Science in Business Administration is built on a foundation of liberal arts

courses. Studies in the first two years provide the economic, quantitative, behavioral, regulatory, scientific and philosophical foundations of business and society in general. In addition, students' competency in change management, communication, critical thinking, teamwork and technology will be developed. For all concentrations, the program culminates with Business Policy, a course that seeks to integrate skills developed in previous courses, and the Global Business Colloquium.

As part of the graduation requirement for either the B.S. or B.A. in Business Administration, students are required to take both pre-assessment and post-assessment tests. Furthermore, during either their sophomore or senior year, as decided by the School, students are required to participate in an undergraduate assessment panel.

Students concentrate in accounting, economics, finance, management, management information systems, marketing or sport management. Students also may use general elective credits to pursue a second concentration in business. The concentrations in finance, economics and marketing are offered during the day only, on a full- or part-time basis. Evening students wishing to concentrate in management information systems must first contact the chair to discuss availability.

In addition, the School offers a minor in international business to business majors (only). This minor is designed to enhance a business major's marketability in today's global business environment.

For students majoring in areas other than business administration, the Stillman School also offers several programs. These programs include a five-year B.A. or B.S./M.B.A. (a liberal arts bachelor's degree and Master of Business Administration), a minor in business administration and certificate programs in accounting, business and management information systems. Business and non-business majors may pursue the minor in economics and the minor in legal studies in business, which is designed for students interested in the study of law.

Programs of the Stillman School are fully accredited by the Association to Advance Collegiate Schools of Business - International (AACSB), a distinction shared by less than one-half of business schools nationwide. Seton Hall was the first private university in the state of New Jersey to earn this distinction. This is a professional accreditation above the regional accreditation held by most business schools. Accredited since 1978, the Stillman School meets the highest standards in business education.

Honor Society and Business Fraternity

Beta Gamma Sigma is the national honor society in business and management. Membership in *Beta Gamma Sigma* is the highest recognition an undergraduate or graduate business student can receive. Founded as a national organization in 1913, *Beta Gamma Sigma* encourages scholarship, promotes the advancement of business education and fosters integrity in the conduct of business.

Founded in 1904, *Alpha Kappa Psi* is the nation's oldest professional business fraternity. Its purpose is to educate the public, the business community and its members on the role of the free enterprise system and the ethical responsibilities in business. More than 200 *Alpha Kappa Psi* chapters across the country welcome aspiring men and women to membership.

Experiential Education/ Cooperative Education/Internship

Experiential Education at Seton Hall University is an educational strategy in which students apply factual, practical and theoretical knowledge in a real-world work experience. Programs include cooperative education/internships, community service, service learning, volunteer work and field experiences. The common element of these programs is that all provide the opportunity to combine classroom learning with "hands on" work and learning experiences. Students' participation in a variety of experiential programs enhances the academic experience and contributes to their career and lifelong success.

Internships/cooperative education can be paid or non-paid and credit bearing or non-credit bearing. All students interested in either a credit-bearing or non-credit internship/co-op experience should schedule an appointment with a career professional at The Career Center.

Internships/co-ops are available to business majors for academic credit in the Stillman School. An internship/co-op integrates substantive supervised work experience with intentional learning/academic goals involving the student in a career-related activity. Before taking the first co-op course, students must complete 30 credits, maintain a 3.0 GPA and receive the approval of the co-op faculty adviser in a major area of study. Undergraduate students with a GPA between 2.5 and 2.99 will be eligible with the recommendation and signature of a faculty member with whom they have completed a course. Students pursuing a non-credit co-op/internship must have at least a 2.5 GPA. Transfer students must have completed a semester to be eligible. Students are not required to take all 9 co-op credits. While credits earned through internship/co-op courses are normally considered to be general elective credits, 6 credits of co-op coursework are required for students concentrating in Sport Management.

Courses in the Internship/Cooperative Education program within the Stillman School of Business all require sophomore standing. Courses include:

Cooperative Education/Internship I - 3 credits

Preprofessional introductory/exploratory experience in a field. Assignments are made in an entry-level position of employment. Taken only with the permission of an intern/co-op faculty adviser.

"What do we live for if it is not to make life less difficult for each other?"

GEORGE ELIOT

Cooperative Education/Internship II - 3 credits

Intermediate introductory professional experience in a field. Taken only with the permission of an intern/co-op faculty adviser.

Cooperative Education/Internship III - 3 credits

Professional experience in the field specifically oriented to the academic major and career objectives. Taken only with the permission of an intern/co-op faculty adviser.

Please note: One-credit courses are offered for accounting majors.

Center for Entrepreneurial Studies

Director: Susan Scherreik, M.B.A.

The Center for Entrepreneurial Studies was created in 2003 to raise student awareness of self-employment as a career option. The Center fosters the collaboration of faculty, students, alumni and entrepreneurs in a variety of activities and projects to advance hands-on entrepreneurial learning at the Stillman School. The Center is integral to the Stillman School's mandate to prepare students for careers in the 21st century by acknowledging the growing importance of entrepreneurship in the global economy.

Center for Securities Trading and Analysis

Directors: Anthony Loviscek, Ph.D. and Elven Riley, B.A.

A ground-breaking initiative of the Stillman School of Business is the opening of a trading room designed to mimic the actual trading room activity that occurs in investment banking: up-to-the-second market-clearing quotes, dynamic information flow, and domestic and international data on all frequently traded securities, including stocks, bonds, options, commodities, and currencies. The Stillman School's Center for Securities Trading and Analysis, partnering with the Reuters Group and Bloomberg, both renowned for financial news and market data, provides students with an unprecedented opportunity to enhance the realism and relevance of accounting, finance, economics, and international business. The Stillman School is building on its leadership in wireless technology and its innovative academic programs to provide students with real-time, cutting-edge technology that inventively integrates the theory and practice of business disciplines.

Course Identification

The departments of the Stillman School offering undergraduate courses and the abbreviations used to designate courses are as follows:

- Accounting (BACC)
- Business Law (BLAW)
- Business Policy (BPOL)
- Economics (ECON)

- Finance (BFIN)
- Interdisciplinary (BINT)
- Management (BMGT)
- Management Information Systems (BMIS)
- Marketing (BMKT)
- Quantitative Analysis (BQUA)
- Sport Management (BSPM)

To locate course descriptions, see the Index.

B.S. in Business Administration

To attain the degree of Bachelor of Science in Business Administration, all students must satisfactorily complete liberal arts courses, both required and elective, business core courses, the requirements of their concentration and sufficient free electives to total 128 credits. A concentration in accounting requires 129 credits to meet the requirements to sit for the CPA exam in New Jersey. The last 30 credits of the B.S. in Business Administration degree must be taken at the University.

To complete degree requirements satisfactorily, the student must have a cumulative GPA of at least 2.0. Each concentration specifies the average required in concentration courses. Each student is advised by a faculty member in the area of major concentration. The ultimate responsibility for complying with curriculum requirements rests with the student. Choice of a program of study must be made before completion of 75 credits, but normally by the end of the sophomore year.

Requirements for the B.S. in Business Administration

Four-Year Program: Core Curriculum

Arts and Sciences Required Core (42 credits):		credits
COST 1600	Oral Communication	3
COST xxxx	Communications elective*	3
ENGL 1201-1202	English	6
ENGL 3512	Business Writing	3
BIOL, CHEM, EARTH, PHYS	Science**	3
MATH 1303	Mathematics	3
PHIL 1125	Philosophy	3
PSYC 1116	Psychology	3
RELS	Religious Studies (any 2 courses)	6
† World Culture	(3 electives)	9

Total: 42

**Choose from COST 1610, 2622 or 2623.*

***A roster of acceptable science courses is available in Jubilee Hall, Room 526, as well as on each student's degree audit.*

†Students are required to complete 9 credits of approved world culture electives. Two tracks are available. Please consult your academic adviser or the staff of the Student Information Office (Jubilee Hall, Room 526) regarding this requirement.

Liberal Arts Requirement: (13 credits)

It is strongly recommended that these additional arts and sciences credits include a logic course (e.g., PHIL 1104) and a sociology course (e.g., SOCI 1101).

Business Required Core (45 credits):

BACC 2103, 2104	Accounting	6
BINT 5001, BPOL 5000	Integrative Courses	6
BFIN 2201	Finance	3
BLAW 2301	Legal Studies	3
BMIS 2701	Management Information Systems*	3
BMGT 2501, 2503	Management	6
BMKT 2601	Marketing	3
BQUA 2811, 2812	Quantitative Analysis	6
ECON 1402, 1403, 2408	Economics	9

Total: 45

**Because of the competency-based curriculum, this specific course must be taken. No substitutions will be permitted.*

Major Concentration: (15-24 credits)

See specific concentration requirements.

General Electives: (4-13 credits)

General elective credits may be selected from any school in the University. Accounting majors who wish to meet the educational requirements to take the CPA examination in the State of New York should take one additional 3-credit BACC elective.

A Model Program

The following suggested program of study includes all core courses over a four-year period. When applicable, course prerequisites are indicated below the course title.

First Year		credits
BMIS 2701	Management Information Systems	3
COST 1600	Oral Communication	3
ECON 1402	Principles of Economics I	3
ENGL 1201	College English I	3
ENGL 1202	College English II (Prerequisite: ENGL 1201)	3
ENGL 3512	Business Writing	3
MATH 1303	Quantitative Methods for Business	3
PSYC 1116	Psychology for Business	3
RELS	Religious Studies Elective	3
World Culture	World Culture Elective	3

Subtotal: 30

Second Year		credits
BACC 2103	Financial Accounting (Prerequisite: 30 credits)	3
BACC 2104	Managerial Accounting (Prerequisite: BACC 2103)	3
BIOL, CHEM, PHYS, EARTH	Science Elective	3
BLAW 2301	Legal Foundations of Business	3
BQUA 2811	Business Statistics (Prerequisite: MATH 1303)	3
BQUA 2812	Quantitative Decision Making (Prerequisite: 45 credits and BQUA 2811)	3

ECON 1403	Principles of Economics II (Prerequisite: ECON 1402)	3
ECON 2408	Money and Banking (Prerequisite: ECON 1403)	3
PHIL 1125	Business Ethics	3
RELS	Religious Studies Elective	3
		Subtotal: 30

Third Year		credits
BFIN 2201	Business Finance (Prerequisite: 60 credits, ECON 1403 and BACC 2104)	3
BMGT 2501	Principles of Management (Prerequisite: 45 credits and ECON 1403)	3
BMGT 2503	Organizational Behavior (Prerequisite: BMGT 2501)	3
BMKT 2601	Principles of Marketing (Prerequisite: 45 credits and ECON 1403)	3
COST xxxx	Communications Elective	3
World Culture	World Culture Elective	3
World Culture	World Culture Elective	3
		Subtotal: 21

Fourth Year		credits
BINT 5001	Global Business Colloquium (Offered only in the fall semester.) Prerequisite: All Business Core Courses except BPOL 5000)	3
BPOL 5000	Business Policy (Prerequisite: All Business Core Courses except BINT 5001)	3
		Subtotal: 6

Note: Prerequisites are strictly enforced. Students registering prematurely for courses will be administratively withdrawn.

Concentration Requirements

Accounting	24
Economics	24
Finance	15
Management	15
Management Information Systems	18
Marketing	15
Sport Management	15-21

B.A. in Business Administration

Adviser: Ann M. Mayo, Ph.D.

The Stillman School provides education geared toward the complex practical needs of business leaders. The Stillman School offers the Bachelor of Arts in Business Administration program to enable Seton Hall students to obtain competencies of the business core and a breadth of knowledge in liberal arts and other fields.

The B.A. in Business Administration (B.A.B.A.) requires a minimum of 128 credits, including 87 core credits and 41 credits of selected concentration and elective coursework. Electives may be taken at any undergraduate college or school of Seton Hall, but may not exceed the maximum number of business credits noted within each concentration. Students may choose a concentration in arts and sciences, international studies, diplomacy and international relations or general studies.

Concentration in Arts and Sciences

Students may select a concentration from any one of 26 arts and sciences fields. The number of credits required is the equivalent of a minor program in the chosen area; this number currently ranges from 18-30 credits. In addition, students will be required to elect an appropriate course in history perspective through consultation with their advisers. The remaining electives shall be taken in the College of Arts and Sciences. It is recommended that these elective credits be taken from any arts and sciences courses that are NOT part of a student's chosen concentration. Elective courses may be selected only from the arts and sciences curricula.

Concentration in International Studies

Students who declare a concentration in international studies are required to take 27 credits, which consists of 12 credits in a specific language sequence, 6 credits in the cultural and geopolitical component, and 9 credits in the international business component (see Minor in International Business). They also must complete the core credits. The remaining elective credits may be taken in any college or school of Seton Hall.

Concentration in Diplomacy and International Relations

Students may elect to declare a concentration in diplomacy and international relations. Students who declare this concentration will take a minimum of 41 credits of courses offered by the John C. Whitehead School of Diplomacy and International Relations.

Concentration in General Studies

In addition to the core, students may accumulate their elective credits from any college or school of Seton Hall. Business electives may not exceed 9 credits.

Students in the B.A.B.A. program also are allowed (and encouraged) to take a maximum of 9 credits through the co-op program. They must meet the criteria for participation in this program (see "Experiential Education/Cooperative Education/Internship" in this catalogue).

Dual Degree Programs

B.A./Master of Science in Occupational Therapy

Adviser: Karen A. Passaro, M.B.A., J.D.

During the first 3 years of the program (the pre-professional phase), students will complete the core courses in business and arts and sciences required for all business majors and will declare a track/concentration in general studies. The general studies track allows the student to complete the prerequisite courses for the Master of Science in Occupational Therapy.

To stay in the program and to proceed to the professional phase, students must satisfactorily complete all courses with a minimum 3.1 GPA overall. Following successful completion of the pre-professional phase of the dual degree program, the student will move to the professional phase and the Master of Science in Occupational Therapy.

The Stillman School curriculum is designed to prepare students to meet the challenges of today's rapidly changing technological and global business environment. The Occupational Therapy Program will prepare students to provide a broad range of patient care services and perform research and administrative responsibilities. This dual degree program enables students to go beyond the traditional job roles in hospitals, psychosocial settings and nursing homes. They will have a competitive edge in being employed in alternative settings such as private practices and research centers as well as in a variety of administrative positions.

For more information contact Enrollment Services, Seton Hall University, 400 South Orange Avenue, South Orange, New Jersey 07079; (973) 761-9332, or 1-800-THE-HALL (outside NJ only); fax: (973) 761-9452.

B.A. or B.S./M.B.A. Program

(For Non-Business Majors)

Adviser: Karen A. Passaro, M.B.A., J.D.

The B.A. or B.S./M.B.A. Program allows students to earn a bachelor's degree in liberal arts and a Master of Business Administration in five years. By carefully selecting courses, students can complete the requirements for both degrees in as few as 150 credits.

Program candidates spend the first three years taking arts and sciences courses. (Please see the College of Arts and Sciences core curriculum and major programs in this catalogue for more information.) At the end of the third year, they apply for admission to the M.B.A. program. (For information on M.B.A. admission requirements, contact the Stillman School's Director of Graduate Admissions, (973) 761-9262.) If accepted, students take a combination of undergraduate arts and sciences and graduate business courses during the fourth year, and graduate business courses exclusively during the fifth year.

When students have completed all arts and sciences requirements and a total of 130 credits, they qualify for the baccalaureate degree. After completing the M.B.A. requirements and a minimum of 150 credits, students receive the M.B.A.

Students must be accepted into the M.B.A. program before they may take graduate courses. Students who are not accepted may complete the requirements for the bachelor's degree. See the *Graduate Catalogue* for full requirements.

Standards for Admission to and Continuance in the Stillman School of Business

Requirements for Regularly Admitted Business Students

To be eligible to continue in the Stillman School, students regularly admitted as first-semester freshmen must:

1. Successfully complete the following course sequence by the end of their sophomore year or completion of 75 credits, whichever comes later:

BACC 2103	Financial Accounting
BACC 2104	Managerial Accounting
B MIS 2701	Management Information Systems
BQUA 2811	Business Statistics
ECON 1402-1403	Principles of Economics I-II
MATH 1303	Quantitative Methods for Business

2. Declare a concentration upon completion of 75 credits.

Requirements for Business Bound (Pre-Business) Students

Students admitted as Business Bound students take the same courses as regularly admitted freshmen business students. Business Bound students are automatically evaluated for full admission to the Stillman School after completion of 30 credits. An overall GPA of 2.75 or better is required to be admitted at that time without further application.

Changing to a Business Major from a Non-Business Discipline

Students transferring from other colleges within the University to the Stillman School must meet the following requirements:

1. The student must have earned at least 45 credits of which 12 credits must have been earned at Seton Hall University.
2. The student must have successfully completed the following courses, earning a 2.5 average in the three, with no grade less than a "C" in any of the three.

BACC 2103	Financial Accounting
ECON 1402	Principles of Economics I
MATH 1303	Quantitative Methods for Business
3. The student must have a minimum cumulative GPA of 2.5.

It is advised that students who desire to transfer to the Stillman School from other schools and colleges within the University do so before the completion of 75 credit hours. Students who are designated as BART or PART pre-majors should seek academic advising in the Stillman School's Student Information Office (Jubilee Hall, Room 526).

Department of Accounting and Taxation

Jubilee Hall, Room 679

(973) 761-9235

Faculty: Abdallah; Easton; Gelb (*Chair, Adviser*); Greenstein; Heaslip; Henry; Holtzman; Mest; Murtuza; Shapiro; Strawser; Weiss

Concentration in Accounting

The concentration in accounting is designed to give training in the fundamentals of accounting as a necessary skill for the understanding of business. It provides a sequence of specialized instruction in accounting theory, financial reporting requirements, cost measurement issues, budgetary control, auditing, taxes and systems that helps the student to prepare for the Certified Public Accountant, Certified Management Accountant and the Certified Internal Auditor examinations and prepare for managerial positions in internal accounting, auditing and controllership, or for graduate study.

Individuals who wish to sit for the Certified Public Accounting exam in the state of New Jersey must complete 150 college credit hours. Those concentrating in accounting can obtain the necessary requirements by enrolling in the combined Bachelor of Science in Business Administration/Master of Science in Professional Accounting Program. Students with questions are encouraged to see the Accounting Department Chair.

B.S./Master of Science in Professional Accounting (M.S.P.A.) Combined Program

Undergraduate Seton Hall University accounting students are eligible to enroll in the combined B.S./M.S.P.A. program once they have earned 90 credits and have completed BACC 3111 (Intermediate Accounting II). Undergraduate students are required to take the GMAT and formally complete an application for the M.S.P.A. program. Students enrolled in the combined program take a mixture of undergraduate and graduate courses during their senior year followed by all graduate work thereafter. After earning 129 credits and completing the undergraduate business core, liberal arts core, and all arts and sciences undergraduate elective courses, students have the option of receiving their B.S. degree. After completing all M.S.P.A. requirements and earning 150 credits, students receive their M.S.P.A. degree.

Certified Public Accountant (CPA) Examination

Applicants for examination for a New Jersey Certificate as a CPA should contact CPA Examination Services at 1-800-CPA-EXAM or refer to information posted at www.nasba.org/nasbaweb.nsf/exam

Information on requirements for admission to practice in New York state as a CPA may be obtained from the New York State Education Department, Albany, New York or at www.op.nysed.gov/cpa.htm

Certified Internal Auditor (CIA) Examination

The CIA (Certified Internal Auditor) Examination is given twice a year, in May and November. The CIA designation acknowledges a professional level of competence in internal auditing. Requirements for certification include passing the 14-hour examination, a baccalaureate degree or its equivalent from an accredited college-level institution, and two years of internal audit (or equivalent) work experience. Full-time students are eligible to register for the CIA program at reduced rates and may take the exam before completing their baccalaureate degrees and required experience. Education and work experience requirements are verified before certification is awarded.

Information on the CIA Examination is available from The Institute of Internal Auditors, 249 Maitland Avenue, Altamonte Springs, Florida 32701-4201, (407) 937-1100 or at www.theiia.org

Beta Alpha Psi

Beta Alpha Psi is the international honors organization for financial information professionals. Its rich history dates to 1919 with chapters installed at colleges and universities where accounting programs are of a high level of academic and professional achievement. Since that time, *Beta Alpha Psi* has expanded its membership to include top students with concentrations in either finance or management information systems, along with those students concentrating in accounting. Of the more than 200 chapters in the United States, Seton Hall University's *Zeta Xi* chapter was the first in the state of New Jersey.

The Accounting Club

The Accounting Club is a student organization open to all accounting majors. Members gain an opportunity to network with professionals, learn about various career options and gain important information on professional certification such as the CPA exam.

Accounting Concentration Requirements

A student concentrating in the area of accounting must have a minimum 2.5 cumulative average in the first gradings of financial and managerial accounting and must complete the following courses:

		credits
BACC 3110-3111	Intermediate Accounting I-II	6
BACC 3115	Cost Accounting	3
BACC 3117	Federal Income Tax Accounting	3
BACC 3119	Auditing	3
BACC 4101	Enterprise-Wide Accounting Information Systems I	3
BACC 4102	Enterprise-Wide Accounting Information Systems II	3
BACC 4113	Advanced Accounting	3

Total: 24

Please note: Students who wish to qualify to take the Uniform CPA Examination in either New Jersey or New York must: (1) meet specific course requirements determined by the state, (2) earn a baccalaureate degree and (3) complete 150 college credit hours. The specific course requirements set by the State of New Jersey are met by fulfilling the requirements of the Accounting concentration. Students who wish to

satisfy the specific course requirements set by the State of New York must take three additional credits (of their 4 general elective credits) from courses offered by the Department of Accounting and Taxation. Regardless of whether they wish to qualify under New Jersey or New York requirements, all students must complete a total of 150 credit hours.

Department of Computing and Decision Sciences

Jubilee Hall, Room 675

(973) 761-9250

Faculty: Epstein; Gibson; Kodaganallur; Rosenthal (*Chair*); Shim; Weitz; Wilamowsky (*Adviser*); Yang

Concentration in Management Information Systems

The concentration in management information systems is designed to achieve the following objectives: to provide a thorough understanding of the principles of computerized information systems, including computer programming concepts, techniques and languages; to help students appreciate the capabilities and limitations of computerization; to develop skills necessary for the evaluation, development and implementation of information systems; and to increase the students' appreciation of the economic, social, legal and technological considerations present in information processing activity. Students concentrating in management information systems have the flexibility to choose elective courses that explore either the managerial or technical aspects of information systems.

For non-majors, courses are provided to give a general introduction to computers and their applications in business.

Note: Evening students wishing to concentrate in MIS must first contact the chair to discuss course availability.

Beta Alpha Psi

Beta Alpha Psi is the international honors organization for financial information professionals. Its rich history dates to 1919 with chapters installed at colleges and universities where accounting programs are of a high level of academic and professional achievement. Since that time, *Beta Alpha Psi* has expanded its membership to include top students with concentrations in either finance or management information systems, along with those students concentrating in accounting. Of the more than 200 chapters in the United States, Seton Hall University's *Zeta Xi* chapter was the first in the state of New Jersey.

Management Information Systems Concentration Requirements

Students concentrating in management information systems must maintain a 2.5 GPA in concentration courses. In addition, all students must complete the following requirements:

I. One of the following courses:

BMIS 3721	Problem Solving and Programming Techniques	3
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credits

- BMIS 3727 Advanced Business Software Tools 3
- II. Both of the following courses:
 - BMIS 3724 Database Management Systems 3
 - BMIS 3725 Systems Analysis and Design 3
- III. BMIS Electives:
 - BM31S three 3000-level
 or 4000-level elective courses 9

Total: 18

The department recommends that students who are interested in the management aspect of information systems take BMIS 3727 and choose their elective courses from the following set:

Course #	Course Title	credits
BMIS 3726	Computer Systems	3
BMIS 3731	IT Project Management	3
BMIS 3732	E-Commerce	3
BMIS 3733	Special Topics	3
BMIS 3752	Enterprise-Wide Accounting Information Systems I	3

The department recommends that students who are interested in the technical aspect of information systems take BMIS 3721 and choose their elective courses from the following set:

Course #	Course Title	credits
BMIS 3726	Computer Systems	3
BMIS 3728	Applications Development in a GUI Environment	3
BMIS 3729	Object-Oriented Programming with Java	3
BMIS 3730	Developing Web Applications	3
BMIS 3750	Telecommunications	3

Quantitative Analysis

Courses offered in quantitative analysis are designed to give students an understanding of quantitative methods used to solve business problems. Knowledge of these methods is imperative to master successfully the quantitative aspects of accounting, economics, finance, management and marketing. Although there is no concentration at the undergraduate level, courses in management science and business statistics are offered.

Department of Economics

Jubilee Hall, Room 674

(973) 761-9356

Faculty: Dall Jr. (*Chair, Adviser*); Ikpoh (*Co-op Adviser*); Kant

Concentration in Economics

The Department of Economics provides students with a solid foundation in the discipline of economics. For undergraduate students majoring in economics, the objectives of the program are threefold: to help develop a thorough understanding of the economic relationships between business, households and government, and the principles governing these relationships; to help develop proper analytical methods and modes of

inquiry that will prepare students for careers in business, government and education; and to prepare the groundwork necessary for graduate studies in economics and related fields.

The course offerings of the department enable students to major in economics either through the College of Arts and Sciences or the Stillman School, leading to the degrees of Bachelor of Arts or Bachelor of Science in Business Administration, respectively. Students concentrating in economics should plan to take at least one elective per semester during junior and senior year. The department will offer two electives each semester on a rotating basis.

Note: A concentration in economics is not offered in the evening.

Omicron Delta Epsilon

Omicron Delta Epsilon, the only international honor society in economics, granted a chapter to the Economics Department in 1964. Economics majors with a 3.0 GPA overall and in economics are eligible to apply for membership in their junior year or after completing 21 credits in economics.

Economics Concentration Requirements

To concentrate in economics, students must complete the core courses with a 3.0 GPA.

Economics Core Courses		credits
ECON 1402	Principles of Economics I	3
ECON 1403	Principles of Economics II	3
ECON 2408	Money and Banking	3
Subtotal: 9		
Economics Major Courses		
ECON 2420	Intermediate Microeconomic Analysis	3
ECON 2421	Intermediate Macroeconomic Analysis	3
ECON 3470	History of Economic Thought	3
ECON xxxx	Economics electives	15

Subtotal: 24

Total: 33

Economics Minor

Both business and non-business majors also may choose economics as a minor. The economics minor consists of the three core courses plus one required course (ECON 2420 or 2421) and two economics electives for a total of 18 credits.

Department of Finance and Legal Studies

Jubilee Hall, Room 615
(973) 761-9127

Faculty: Amoroso; Ford; Harrington Jr.; Hunter Jr.; Loviscek (*Chair, Adviser, Co-op Adviser*); Marks; O'Sullivan (*Adviser-Minor in Legal Studies in Business*); Parles; Riley; Santangelo; Shannon; Xu; Yi; Yoon

Concentration in Finance

The concentration in finance develops the skills necessary for understanding how to create wealth through the art and science of money management. The study of finance will help the student answer three fundamental questions. First, how much should any individual or firm invest? Second, what assets should the individual or firm invest in? Third, how should the cash required for the investment be raised? The finance concentration provides students with an understanding of how to answer these questions at the individual investor level and at the business/corporate level. Topics covered include the time value of money, capital budgeting, asset pricing, investments, portfolio analysis and derivatives.

Through an understanding of these topics, the concentration in finance seeks to integrate the fields of accounting, economics, law and quantitative analysis. In turn, it is designed to prepare students for careers in corporate finance, investments, financial institutions, insurance and real estate.

Finance Club and Thomas More Pre-Law Society

The department promotes student activities through these organizations. The Finance Club is a chapter under the Financial Management Association International.

Honors Societies

Students of high academic standing who maintain active membership in either the Finance Club or the Saint Thomas More Pre-Law Society are eligible for induction into the Finance Honors society and/or the Legal Studies Honors Society. For details, please check with the department chair.

Finance Concentration Requirements

Students must earn at least a "C" in each individual BFIN course and earn a 2.5 average for all BFIN courses.

		credits
BFIN 3211	Financial Strategy	3
BFIN 4227	Investment Analysis	3
BFIN 4225-4999	Finance electives	9

Total: 15

Note: Co-op courses count only as general education electives.

Department of Management

Jubilee Hall, Room 683
(973) 761-9360

Faculty: Alexander; Amar; Azriel; Boroff; Coll; Forbes (*Adviser, Co-op Adviser*); Gentile; Marshall; Mayo; McCarthy; Stelzer; Stoever; Yin (*Chair*)

Concentration in Management

Managers make a difference in determining organizational outcomes through planning, organizing, leading, and controlling human and material resources. The concentration in management is designed to present to students the theories and practices of management and to encourage flexible learning, practice in managerial skills and ethical business dealings.

Management concentration students should pursue a co-op or intern placement as part of their preparation. These credits will count as general electives.

Alpha Sigma Omega

Alpha Sigma Omega, the Stillman School's Management Honor Society, invites qualified management majors to join during their junior or senior years. The members will have completed 60 credits, have an average GPA of at least 3.25, with a 3.5 in their concentration courses. Transfer students will have completed 60 credits and are required to complete one full semester at the Stillman School before admittance.

Management Concentration Requirements

		credits
BMGT 4547	Developing Management Skills	3
BMGT	Management electives	12

Total: 15

The department offers two tracks in which students can complete their Management elective courses: a Human Capital Management track and an Executive Management track. These tracks are designed for students who wish to specialize their management studies.

The department recommends that students who are interested in Human Capital Management choose their elective courses from the following set:

Course #	Course Title	credits
BMGT 3511	Human Resource Management	3
BMGT 4525	Compensation Management	3
BMGT 4526	Managing Diversity	3
BMGT 4548	Managing Knowledge Organizations	3

The department recommends that students who are interested in Executive Management choose their elective courses from the following set:

Course #	Course Title	credits
BMGT 4523	Principles of Supervision and Executive Control	3
BMGT 4529	Organization Theory and Practice	3
BMGT 4545	Leadership Seminar	3
BMGT 4562	Negotiation	3

Department of Marketing

Jubilee Hall, Room 676
(973) 761-9242

Faculty: Kritz; Lozada; Olszewski; Pirog; Wisenbilt (*Chair, Adviser*)

Concentration in Marketing

A concentration in marketing prepares students for marketing jobs in product development, brand management, services marketing, advertising, international marketing, retailing, sales and marketing research. Because of the increased emphasis on marketing strategy throughout American business, the marketing field offers excellent employment and advancement opportunities. There has been a continuous increase in the demand for marketing professionals, and the average starting salaries of marketing graduates are higher than those in many other fields. Because of the knowledge of products, services and consumers gained in these jobs, marketing positions provide an excellent basis to reach the highest levels in the organization. A marketing education also provides entrepreneurial skills that enable students to start and operate their own companies or enter an existing family business.

The marketing curriculum consists of required core and elective courses. The core courses provide students with insights into consumer behavior and marketing research and the skills required to analyze, plan, implement and control marketing programs. The elective courses provide the opportunity to learn how to manage products and services and develop pricing, distribution and promotional strategies, both in the United States and international markets.

Note: A concentration in marketing is not offered in the evening.

The Stillman School Marketing Honor Society

The objective of this group is the pursuit of excellence in undergraduate marketing studies at Seton Hall University and the productive involvement of the best marketing students in the life and activities of the Stillman School of Business. This society is open to marketing majors who have completed a substantial portion of their marketing courses and demonstrated excellence by obtaining high overall and marketing GPAs. Students who fulfill these criteria, according to standards set annually by the marketing faculty, are invited to join the society each Spring.

Marketing Concentration Requirements

In total, marketing majors must complete between 15 and 21 credits in marketing (in addition to BMKT 2601, which is part of the Business Core), with a minimum GPA of 2.5 in all marketing courses.

Specific course requirements are as follows:

		credits
I. Two of the three following core courses:		
	BMKT 3611 Marketing Research	3
	BMKT 3615 Consumer Behavior	3
	BMKT 4631 Advertising	3
II. BMKT 4500 Strategic Marketing Planning and Management*		3
III. BMKT Electives**		6-12
Total:		15-21

**BMKT 4500 replaces BMKT 3613. BMKT 4500 is NOT open to students who have previously taken BMKT 3613.*

***At least 6 credits must be BMKT 4000-level courses.*

Center for Sport Management

Jubilee Hall, Room 539
(973) 761-9707

Faculty: Marshall; Mayo (*Director, Adviser, Co-op Adviser*);
McCarthy

Concentration in Sport Management

This interdisciplinary program includes courses in sport law, management, marketing, economics and finance, and prepares students for positions in professional and intercollegiate athletics and the industries that serve them. Students gain exposure to all facets of the business of sport, including sport sponsorship relationships, team and league equity issues, player management labor relations, and a wide variety of ethical dilemmas facing business professionals in both professional and amateur athletics. The program prepares students for internal positions in sport management organizations; sport marketing firms; licensing and apparel marketing; radio and television programming; and events and facilities management.

Alpha Chi Lambda

Alpha Chi Lambda is the Sport Management Honor Society. In Spring 2001, the Center for Sport Management in the Stillman School of Business at Seton Hall University, and the Sport Management Student Association (SMSA), having discovered no honor society in sport management programs nationally, founded *Alpha Chi Lambda*, the first Sport Management Honor Society. Requirements for nomination, which is awarded in either the junior or senior year, include a 3.4 GPA in 60 or more earned credits. Initiation occurs in the spring of each academic year.

The Sport Management Student Association (SMSA)

The Sport Management Student Association (SMSA) is one of the largest and most active student organizations in the Stillman School of Business. Comprising both graduate and undergraduate students, the organization provides an outlet for students to engage in the interactive learning of the business of sport through off-campus visits to sporting events and facilities,

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internships, guest speakers and more. The SMSA also holds community service in the highest regard and works diligently to be a leader and facilitator of charitable activities at Seton Hall University and in the surrounding communities.

Sport Management Concentration Requirements*

		credits
BSPM/BFIN 4232	Sport Finance	3
BSPM/BLAW 4330	Sport Law	3
BSPM/BMGT 4535	The Management of Sport Organizations	3
BSPM/BMKT 4607	Sport Marketing	3
BSPM xxxx	Sport Management Elective	3
BSPM 4594, 4595**	Sport Management Co-op I, II	6

Total: 15-21

* Sports Psychology (PSYC 1219) is recommended as a liberal arts elective.

**May be waived, at the discretion of the Director, for full-time industry employment or for non-credit Co-op if student opts to complete a second concentration or minor.

Minor Programs

Minor in Business Administration

(For College of Arts and Sciences and John C. Whitehead School of Diplomacy and International Relations majors)

Available to Seton Hall students majoring in disciplines other than business, the minor in business administration supplements the liberal arts or sciences preparation and facilitates a transition to a business career. Arts and sciences economics majors may also elect this minor.

Three categories totaling 24 credits are required, along with a minimum GPA of 2.25 in the minor program. The categories are:

1. Environment of Business, including one course each in economics and law;
2. Tools of Business, including one course each in accounting, statistics and management information systems; and
3. Functional Areas of Business, including one course each in finance, management and marketing.

Minor in Business Administration Requirements:

		credits	prerequisites*
BACC 2103	Financial Accounting	3	30 credits
BFIN 2201	Business Finance	3	60 credits, BACC 2103 and ECON 1411 or equivalent
BLAW 2301	Legal Foundations of Business	3	none
BMIS 2701	Management Information Systems	3	none

BMGT 2501	Principles of Management	3	45 credits and ECON 1411 or equivalent
BMKT 2601	Principles of Marketing	3	45 credits and ECON 1411 or equivalent
BQUA 2811	Business Statistics	3	MATH 1303
ECON 1411	Introduction to Economics (or equivalent)	3	none
			Total: 24

*Note: Prerequisites are strictly enforced.

Transfer Courses

With the approval of the associate dean of the Stillman School, a maximum of 6 credits may be transferred from other institutions and applied toward the minor in business administration.

Changing to a Business Major from the Minor

The minor in business administration is specifically not available to students majoring in business. The economics course designated for the minor does not count toward the core requirements for a degree in business administration. If a student completes the economics course and then changes to a major in business, the student must still meet all core economic course requirements (ECON 1402, 1403 and 2408).

Minor in Economics

(For both Business and Non-Business Majors)

Both business and non-business majors may elect to complete a minor in economics. This 18-credit minor consists of the three core courses in economics (ECON 1402, 1403 and 2408) plus one required course (either ECON 2420 or 2421) and two economics electives.

Minor in International Business

(For Business Majors Only)

Adviser: Héctor Lozada, Ph.D.

Restricted to business majors, the minor in international business provides the global and cross-cultural knowledge required for success in today's rapidly changing international business environment. The program incorporates an interdisciplinary curriculum from the Stillman School and the College of Arts and Sciences. A special emphasis is placed on languages as well as cultural and geopolitical dimensions of the current international business environment.

The opportunity to study abroad may also become a component of this program. The credits earned abroad will count toward the language and cultural component of the minor. Upon declaration of the minor, students must choose from among the following international studies tracks:

Eastern European Track: Russian or Polish languages and related cultural and geopolitical courses;

Western European Track: French, German, Italian or Spanish languages and related cultural and geopolitical courses;

Pacific Rim Track: Japanese or Chinese languages and related cultural and geopolitical courses; or

Latin American Track: Spanish language and related cultural and geopolitical courses.

Qualifications

Enrollment is restricted to business majors in good academic standing with a GPA of at least 2.25.

Requirements

The program includes 27 credit hours:

- 12 credits in a specific language sequence (listed as “Language Electives”);
- 6 credits in the cultural and geopolitical component (listed as “Other Electives” and “Additional Nonbusiness Electives”); and
- 9 credits in the international business component (listed as “Business Electives”).

Students who demonstrate an intermediate level of proficiency on the language department’s proficiency exam may take no more than 6 credits in advanced language. The remaining 6 credits may be taken in a combination of cultural, geopolitical and international business courses. These students also may elect to take all 12 credits in non-language preapproved electives.

Students are encouraged to study abroad, and up to 12 credits for the minor may be transferred from preapproved studies abroad.

Language and Cultural Component

A. Eastern European Track

*Language Electives * (3 credits each)*

RUSS 1001-1002	Elementary Russian I-II
RUSS 1101-1102	Intermediate Russian I-II
RUSS 2111-2112	Advanced Russian I-II
RUSS 2113-2114	Scientific Russian I-II

**Please note: Prerequisites for language courses are indicated in the appropriate course descriptions in the College of Arts and Sciences section of this catalogue.*

Other Electives (3 credits each)

HIST 2256	History of Imperial Russia
HIST 2257	East Central Europe
HIST 2266	History of 20th Century Russia
HIST 2276	Russian Communism
HIST 2290	Topics in European History
POLS 2613	Russian Politics
POLS 3612	Foreign Policies of Major Powers
POLS 3614	Theory and Politics of Communist Systems

B. Western European Track

Language Electives

French * (3 credits each)

FREN 1001-1002	Elementary French I-II
FREN 1101-1102	Intermediate French I-II
FREN 2101	Conversational French I
FREN 2103-2104	French Composition I-II

German * (3 credits each)

GERM 1001-1002	Elementary German I-II
GERM 1101-1102	Intermediate German I-II
GERM 2101	Conversational German I
GERM 2103-2104	German Composition I-II
GERM 2111-2112	Business German I-II
GERM 2113-2114	Scientific German I-II

Italian * (3 credits each)

ITAL 1001-1002	Elementary Italian I-II
ITAL 1101-1102	Intermediate Italian I-II
ITAL 2101-2102	Conversational Italian I-II
ITAL 2103-2104	Italian Composition I-II

Spanish * (3 credits each)

SPAN 1001-1002	Elementary Spanish I-II
SPAN 1101-1102	Intermediate Spanish I-II
SPAN 2101	Conversational Spanish I
SPAN 3111	Advanced Spanish Grammar - Conversation
SPAN 3112	Advanced Composition
SPAN 4111	Business Spanish: Correspondence
SPAN 4112	Business Spanish: Translation

**Please note: Prerequisites for language courses are indicated in the appropriate course descriptions in the College of Arts and Sciences section of this catalogue.*

Other Electives (3 credits each)

FREN 3212-3213	French Civilization I-II
GERM 2211-2212	German Civilization I-II
HIST 1201-1202	Western Civilization I-II
HIST 2252	History of Modern France
HIST 2260	Western Europe in the 20th Century
HIST 2265	History of Germany, 1848 to the Present
ITAL 2211-2212	Italian Civilization I-II

C. Pacific Rim Track

Language Electives

Chinese *

CHIN 1101	Intensive Introductory Chinese I (6 credits)
CHIN 1102-1103	Introductory Conversational Chinese I-II (3 credits each)
CHIN 1104-1105	Introductory Chinese Reading I-II (3 credits each)
CHIN 2101-2102	Intermediate Conversational Chinese I-II (3 credits each)
CHIN 2103-2104	Intermediate Chinese Reading I-II (3 credits each)
CHIN 3101-3102	Advanced Chinese Conversation and Reading I-II (3 credits each)

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CHIN 3213	Readings in Modern Chinese I (3 credits)
CHIN 3215-3216	Chinese Newspaper Readings I-II (3 credits each)
Japanese *	
JAPN 1101	Intensive Introductory Japanese (6 credits)
JAPN 1102-1103	Introductory Japanese I-II (non-Japanese majors only, 3 credits each)
JAPN 2101-2102	Intermediate Japanese I-II (3 credits each)
JAPN 2111	Intensive Intermediate Japanese (6 credits)
JAPN 3111-3112	Third-Level Japanese I-II (3 credits each)
JAPN 3113-3114	Introduction to Readings in Japanese I-II (3 credits each)
JAPN 3211-3212	Business Japanese I-II (3 credits each)

*Please note: Prerequisites for language courses are indicated in the appropriate course descriptions in the College of Arts and Sciences section of this catalogue.

Other Electives (3 credits each)

ASIA 2112	Geography of Asia
ASIA 2114	China in World Affairs
ASIA 3101	History of Asian Religious Reflections
ASIA 3102	History of Traditional Asia
ASIA 3103	History of Modern Asia
ASIA 3127	History of Traditional China
ASIA 3128	History of Modern China
ASIA 3129	History of Traditional Japan
ASIA 3130	History of Modern Japan
ASIA 3131	Contemporary Chinese Politics
ASIA 3132	Contemporary Japan
ASIA 3134	China and Japan: Diplomacy, Politics and Economy
POLS 2611	Asian Politics
PHIL 2924	Oriental Philosophy

D. Latin American Track

Language Electives * (3 credits each)

SPAN 1001-1002	Elementary Spanish I-II
SPAN 1101-1102	Intermediate Spanish I-II
SPAN 2101	Conversational Spanish I
SPAN 3111	Advanced Spanish Grammar - Conversation
SPAN 3112	Advanced Composition
SPAN 4111	Business Spanish: Correspondence
SPAN 4112	Business Spanish: Translation

*Please note: Prerequisites for language courses are indicated in the appropriate course descriptions in the College of Arts and Sciences section of this catalogue.

Other Electives (3 credits each)

AFAM 2211	Puerto Ricans and the Mainland
AFAM 2215	Caribbean Experience

ANTH 2245	The Great Civilizations of the Americas
HIST 1401-1402	History of Latin America I-II
PHIL 1918	Spanish Philosophy
POLS 2614	Latin American Politics

E. Additional Non-Business Electives

(3 credits each)

Students in all tracks may substitute electives from the following list with the specific approval of a faculty adviser:

GEOG 2111	Principles of Political Geography
POLS 1611	Comparative Politics
POLS 1711	International Relations
POLS 2417	Comparative Political Thought

F. Business Electives

(3 credits each)

ASIA 3214	International Business and Trade
BFIN 4233	International Finance
BLAW 4315	International Law
BMGT 4993	Foreign Business Operations
BMKT 3617	International Marketing
ECON 4483	International Economics

Minor in Legal Studies in Business

(For both Business and Non-Business Majors)

This minor is a uniquely designed interdisciplinary program. By structuring required course selections and making the commitment toward a rigorous course of study, students will demonstrate competence in those areas of business pre-legal study that will prepare them for the study of law.

This minor is open to any student who has successfully completed 18 credit hours and who has maintained a 2.5 GPA. In addition, students must maintain a 2.5 GPA in the business law curriculum. Upon successful completion of the requirements, the student will be awarded the Minor in Legal Studies in Business.

I. Required Courses (12 credits):

BLAW 2301	Legal Foundations of Business
BLAW 4310	Advanced Topics in Legal Studies
BLAW 4325	Law, Ethics and Public Policy
BLAW 4340	Legal Research, Writing and Moot Court (prerequisite: BLAW 2301 Legal Foundations of Business)

II. Elective Courses (6 credits selected from the following):

Business

BLAW 4315	International Law
BLAW 4316	Consumer Law
BLAW 4321	Uniform Commercial Code
BLAW 4326	Issues in Employment Law
BLAW 4330	Sport Law
BFIN 4242	Corporate Governance

History

HIST 2381	American Legal History I
HIST 2382	American Legal History II

<i>Political Science</i>	
POLS 1001	Introduction to Political Science
POLS 1212	Introduction to American Law
POLS 1401	Western Political Thought I
POLS 1411	Western Political Thought II
POLS 2214	The American Judicial System
POLS 2220	Development of the American Constitution
POLS 3210	Constitutional Law
POLS 3211	Civil Liberties
<i>General Electives</i>	
PHIL 2150	Philosophy of Law
SOCI 2213	Law and the Legal System

BMGT 2501	Principles of Management	45 credits and ECON 1411 or equivalent
BMKT 2601	Principles of Marketing	45 credits and ECON 1411 or equivalent
ECON 1411	Introduction to Economics (or equivalent)	none

Note: Prerequisites are strictly enforced.

Students must earn a GPA of at least 2.5 for the four courses and earn no more than one grade of “D” or “D+” in the above courses to be eligible for the business certificate.

Some institutions require the last 30 credit hours to be taken in residence. Other colleges may have specific requirements for advance permission before courses may be taken at another college. Applicants should investigate the regulations of the home institution prior to applying for the certificate program.

Certificate Programs

Certificate in Business

(For Non-Business Majors)

The Certificate Program in Business is designed for non-business majors at Seton Hall University and other regionally accredited colleges.

Students are exposed to the language of business. Major concepts in accounting, marketing, finance and management provide a head start in the business world. These courses provide solid preparation for entering the job market and starting a career after graduation.

Qualifications

To qualify for the Certificate Program in Business, applicants must:

- major in an area other than business at a college or university with regional accreditation;
- have completed at least 60 credit hours of college-level courses.

Application

To apply for the program, applicants should complete the appropriate form in Room 526 of Jubilee Hall. This can be arranged by mail or by calling the Student Information Office, (973) 761-9222.

Certification of Credits

Students successfully completing the 12-credit program will receive a Certificate in Business from the Stillman School of Business at Seton Hall University. In addition, Seton Hall will verify completion of the overall program to potential employers or other parties, if requested by the student.

Requirements

To qualify for the Certificate in Business, students must complete the following:

BACC 2103	Financial Accounting	Prerequisite 30 credits
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Certificate in Accounting

(For both Business and Non-Business Majors)

For Business Majors with a Finance Concentration

This certificate is designed to provide an accounting program specifically tailored to complement the studies of those students with a concentration in finance. It provides those with a finance concentration the opportunity to enhance their ability to analyze financial information and make more informed financial decisions. This certificate is open to any student who meets the academic requirements needed to concentrate in finance. Students interested in obtaining this certificate should register with the chair of the Department of Accounting and Taxation. Upon successful completion of the requirements, the student will be awarded a Certificate in Accounting.

Required Courses (12 credits)

BACC 3110	Intermediate Accounting I
BACC 3111	Intermediate Accounting II

Choose two electives from the following:

BACC 3115	Cost Accounting
BACC 3117	Federal Income Tax Accounting
BACC 4113	Advanced Accounting

For Business Majors with a MIS Concentration

This certificate is designed to provide an accounting program specifically tailored to complement the studies of those with a concentration in MIS. This certificate is open to any student who meets the academic requirements needed to concentrate in MIS. Students interested in obtaining the certificate should register with the Chair of the Department of Accounting and Taxation. Upon successful completion of the requirements, the student will be awarded a Certificate in Accounting.

Required Courses (12 credits)

BACC 3110	Intermediate Accounting I
BACC 3111	Intermediate Accounting II
BACC 3119	Auditing

BACC 4101 Enterprise-Wide Accounting Information Systems I (*cross-listed as BMIS 3752 and should be taken as a BMIS elective*)

For Non-Business Majors and Business Majors with other concentrations

Please see the Chair of the Department of Accounting and Taxation.

Certificate in Management Information Systems (MIS)

(For both Business and Non-Business Majors)

The Certificate in Management Information Systems is a four-course (12-credit) sequence that consists of BMIS 2701, BMIS 3727 and two BMIS elective courses. A student who wishes to earn the Certificate in MIS should consult with the Department Chair or Adviser for the Department of Computing and Decision Sciences to ensure that the two BMIS elective courses selected are in line with the student's academic/career objectives.

Leadership Studies Program

Leadership Studies is the undergraduate honors program for the Stillman School of Business. Students in the Leadership Program must be admitted to the Stillman School. In addition to the academic requirements, students must complete 40 hours of community service, participate in the mentor program during their junior year, hold leadership positions both on and off campus to complement their studies, attend leadership functions and maintain an overall GPA of 3.395.

In addition to the Stillman School and liberal arts cores and the courses needed for a concentration, students must take the courses listed below. Some of the courses are leadership students only and will be designated with a LS suffix. Students may enter both the Leadership Studies program and the University's Honors program. Students enrolled in both Leadership and the University Honors Program are not required to take COST 1600, SOCI 1101, RELS 1102/1502, ANTH 1218 and ENGL 2101/2102.

Freshman Year:

Fall

BMIS 2701 LS	Management Information Systems
COST 1600 LS	Oral Communication
SOCI 1101 LS	Understanding Society

Spring

POLS 1111	Introduction to Public Policy
RELS 1102* LS	Introduction to the Bible
or	
RELS 1502* LS	Contemporary Moral Values

Sophomore Year:

Fall

BACC 2103	Financial Accounting
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Spring

ANTH 1218	Field Research Methods
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Junior Year:

Fall

ENGL 2101**	Great Books of the Western World I
or	
ENGL 2102**	Great Books of the Western World II

Spring

BMGT 2503	Organizational Behavior
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Senior Year:

Fall

BLAW 4325 LS	Law, Ethics and Public Policy
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**Religions are offered on a rotating basis each year. Students take one of the religion courses.*

***Students may select one of the two English classes.*

Course Descriptions

Course descriptions provide information on offerings for the 2005-2007 academic years. All courses run subject to enrollments and faculty deployment within each department.

Note: Prerequisites are strictly enforced.

Accounting

BACC 2103 and 2104 are prerequisites for all accounting courses.

BACC 2103 Financial Accounting

Theory and problems of accounting and the accounting cycle. Purpose, form and content of the balance sheet, income statement and statement of cash flows. Ethical role of accountants is discussed. (BACC 2103 must be taken before BACC 2104). Offered: Fall, Spring, Summer. *3 credits*

BACC 2104 Managerial Accounting

Accounting as a management tool. Fundamentals of product/service costing. Use of accounting data for financial planning, decision making and control. Prerequisite: BACC 2103. Offered: Fall, Spring, Summer. *3 credits*

BACC 3110-3111 Intermediate Accounting I-II

Comprehensive review of the recording process and preparation of primary financial statements. Study of accounting theory pertaining to assets, liabilities and net worth. Application of accounting to corporations. Prerequisite for BACC 3110: BACC 2104; Prerequisite for BACC 3111: BACC 3110 with a grade of C- or better. Offered Fall, Spring. *Each class is 3 credits*

BACC 3113 Special Accounting Topics

Accounting changes and error analysis, cash flow, leases, pensions, foreign currency translation, fund accounting, ethics in accounting and other current topics. Prerequisite: BACC 3111 with a grade of C- or better. Offered: Fall. *3 credits*

BACC 3114 Partnerships, Consolidations and Other Issues

Accounting for partnership formation, operation and liquidation, home office and branch, corporation consolidations, segment reporting, estates and taxes. Prerequisite: BACC 3111 with a grade of C- or better. Offered: Spring. *3 credits*

BACC 3115 Cost Accounting

Elements of cost accounting: material, labor, overhead. Application of cost accounting involving the use of job order, process and standard cost systems. Study of joint costs, depreciation and distribution costs. Prerequisite: BACC 2104. Offered: Spring. *3 credits*

BACC 3117 Federal Income Tax Accounting

Analysis and application of federal income tax law with respect to individual and business organizations. Relationships between the law and classification of accounts. Prerequisite: BACC 2104. Offered: Fall. *3 credits*

BACC 3119 Auditing

Purpose and goals of the audit. Duties, responsibilities and ethical role of the auditor. Procedure and types of audits and the generally accepted auditing standards. Prerequisite: BACC 3111 with a grade of C- or better. Offered: Spring. *3 credits*

BACC 4101 (BMIS 3752) Enterprise-Wide Accounting Information Systems I

Course is designed to provide an understanding of the roles of accounting information and information technology in the decision-making and operational support of the firm. Relational databases and data modeling are covered in significant detail. Students will become familiar with the revenue, expenditure, conversion and general ledger transaction processing subsystems. Students will develop an awareness of the impact of accounting information systems on managerial decisions as well as organizational competitiveness. Prerequisite: BACC 3111 with a grade of C- or better. Offered: Fall. *3 credits*

BACC 4102 (BMIS 3753) Enterprise-Wide Accounting Information Systems II

This course will provide participants with a clear understanding of various enterprise applications like accounting, contracts, work orders, materials requirement planning and process manufacturing. Each application will be studied through an extensive REA model. In addition, the course will cover important issues including information systems security and auditing, evaluation and implementation of information systems. Prerequisite: BACC 4101. Offered: Spring. *3 credits*

BACC 4113 Advanced Accounting

Course focuses on accounting for investments, including business combinations, and foreign currency accounting. Foreign currency financial statements, segment reporting and other advanced accounting topics are covered as well. Prerequisite: BACC 3111 with a grade of C- or better. Offered: Spring. *3 credits*

BACC 4121 Accounting Systems

Installation of accounting systems in business. Selection of method, classification of accounts, internal control, report preparation and analysis. Prerequisite: BACC 3110. Suspended. *3 credits*

BACC 4123 Advanced Cost Accounting

Costing with managerial emphasis. Case studies of complex cost problems presented and latest techniques in costing introduced such as operations research and the use of computers in solving cost problems. Prerequisite: BACC 3115. Suspended. *3 credits*

BACC 4127 Governmental and Not-For-Profit Accounting

Accounting systems for not-for-profit and government entities. Preparation of the budget, budgetary control, audits and reports. Prerequisite: BACC 3111 with a grade of C- or better. *3 credits*

BACC 4129 Analysis of Financial Statements

Analysis and interpretation of financial and operating statements prepared by business firms. Points of view of management, investor, banker and accountant. Prerequisite: BACC 3111 with a grade of C- or better. *3 credits*

BACC 4131 Internal Auditing

Description of the internal audit function and the role of the internal auditor. IIA standards and coordination with external audit are discussed. Prerequisite: BACC 3111. *3 credits*

BACC 4132 EDP Auditing

This experimental course is designed to present EDP auditing to the student in a manner that combines the concepts of auditing in an EDP environment with the practical application of these concepts. The course will include guest lecturers who are presently involved in EDP auditing. Prerequisite: BACC 3111. *3 credits*

BACC 4191, 4192, 4193 Accounting Co-op I, II, III

See Co-op Adviser. Cooperative Education courses are counted as general electives. *1 credit each*

Finance

BFIN 2201 is a prerequisite for all finance courses.

BFIN 2201 Business Finance

Introduction to major finance principles: financial goals, financial instruments, time value of money, risk and return, asset pricing, and issues involving capital budgeting and capital structure. Offered: Fall, Spring, Summer. *3 credits*

BFIN 3210 Financial Planning and Control

Survey of the current theories and practices in working capital management. Examines the U.S. monetary system, cash forecasting and optimal levels of cash, credit terms and cost-volume-profit analysis, inventory decision models, marketable securities and sources of short-term financing. Offered: Fall, Spring. *3 credits*

BFIN 3211 Financial Strategy

Extension of basic financial principles with emphasis on corporate finance. Advanced topics include capital budgeting, leveraging, and dividend policy. Offered: Fall, Spring. *3 credits*

BFIN 4227 Investment Analysis

Coverage of the fundamental principles underlying investment decisions, including an overview of financial markets and instruments, analysis of stocks and bonds, and valuation. Offered: Fall, Spring. *3 credits*

BFIN 4230 Portfolio Analysis

Introduction to financial decision making from the perspective of optimal portfolio construction, including measurement and estimation of return, risk and portfolio performance. Offered: Spring. Prerequisites: BFIN 2201 and BQUA 2811. *3 credits*

BFIN 4232 (BSPM 4232) Sport Finance

Application of finance principles to the sport industry, including revenue sources, valuation issues, performance, and corporate sponsorships. Offered: Fall, Spring. *3 credits*

BFIN 4233 International Finance

Analysis of exchange rate behavior and the other factors important to managing the multi-country cash flows and financing of the multinational enterprise. Foreign direct investment and capital budgeting decisions of the firm in the global environment. Financial operations in foreign exchange and multinational markets. Offered: Fall, Spring. *3 credits*

BFIN 4234 Futures, Options and Other Derivatives

Examination of topics involving options, futures and swaps, including pricing fundamentals and models, risk management, trading strategies and regulatory issues. Offered: Spring. *3 credits*

BFIN 4239 Real Estate

Examination of residential and commercial real estate, including property valuation, mortgages, and financing arrangements. Offered: Summer. *3 credits*

BFIN 4241 Mergers and Acquisitions

Examination of the financial aspects of corporate mergers and acquisitions, including growth through acquisition, valuation issues, and tax and legal implications. Offered: Fall. *3 credits*

BFIN 4242 Corporate Governance

Examination of issues related to the relationship between the decision makers and owners of a corporation, including role, duties, responsibilities, and liability of directors, officers, and management. Also covered is a discussion of recent statutory and regulatory developments affecting reporting and decision making. Offered: Spring. *3 credits*

BFIN 4247 Securities Trading and Analysis

Covers operational functions of brokerage firms, including types of securities, post-trade execution processing, and support operations. Offered: Fall. *3 credits*

BFIN 4290 Seminar in Finance

Topical coverage of corporate financial management, financial markets, institutions and/or investments. *3 credits*

BFIN 4294, 4295, 4296 Finance Co-op I, II, III

See Co-op Adviser. Cooperative Education courses are counted as general electives. Offered: Fall, Spring, Summer. *3 credits each*

BFIN 4297, 4298, 4299 Directed Research/Finance

Individual research in the area of finance independent of a formal course structure. Prerequisite: permission of supervising faculty member prior to registration. Offered: Fall, Spring, Summer. *1/2/3 credits*

Business Law

BLAW courses do not fulfill the requirements of nine credits of electives in the finance concentration. BLAW 2301 is the prerequisite for all BLAW courses.

BLAW 2301 Legal Foundations of Business

Examination of the relationship between the business environment and the legal environment. Topics include constitutional law implications, contractual relationships, antitrust, and employment. Offered: Fall, Spring, Summer. *3 credits*

BLAW 4310 Advanced Topics in Legal Studies

Extension and application of issues in legal studies beyond the foundations level. Offered: Fall. *3 credits*

BLAW 4315 International Law

Highlights those aspects of public and commercial law that are relevant to American business operating in the international environment. Includes legal aspects of international trade and commercial transactions. Offered: Irregularly. *3 credits*

BLAW 4316 Consumer Law

In-depth examination of issues relating to consumer rights, responsibilities, and advertising. Offered: Irregularly. *3 credits*

BLAW 4321 Uniform Commercial Code

Treatment of transactions involving aspects of commercial paper, sales and secured transactions with respect to personal property under the Uniform Commercial Code. Also considers issues arising under bankruptcy and bailments. Offered: Fall. *3 credits*

BLAW 4325 Law, Ethics and Public Policy

Examines the ethical and public policy issues raised in a variety of areas of law. Provides an in-depth treatment of many of the legal and ethical issues faced in the business environment. Offered: Fall. *3 credits*

BLAW 4326 Issues in Employment Law

Examination of employment law issues facing today's managers. Emphasis on sexual discrimination, racial discrimination, sexual harassment, hiring, firing, layoffs and disability. Offered: Irregularly. *3 credits*

BLAW 4330 (BSPM 4330) Sport Law

The constitutional aspects of athletics with special attention toward procedural and substantive due process. The formation and conditions of contracts from both the management and individual's perspectives. The rights of athletes, coaches and management according to the ability of each to participate in the prospective sports' leagues and organizations. Strong emphasis on ethical concerns in the sport industry. Offered: Fall, Spring. *3 credits*

BLAW 4340 Legal Research, Writing and Moot Court

Introduction to the research techniques currently used in the legal community. Shows how to develop an analytical approach toward legal issues through both written and oral exercises. Offered: Spring. *3 credits*

BLAW 4397, 4398, 4399 Directed Research/Legal Studies

Individual research in the area of legal studies independent of a formal course structure. Prerequisite: permission of supervising faculty member prior to registration. Offered: Fall, Spring, Summer. *1/2/3 credits*

**Computing and Decision Sciences
Management Information Systems (MIS)**

Evening students wishing to concentrate in MIS must first contact the department adviser to discuss course availability.

BMIS 2701 Management Information Systems

Role of technology in the management process. Introduction to the basic concepts of computer hardware and software. A significant part of the course deals with the use of Windows applications, spreadsheets, database, word processing and Internet-related tools. Emerging ethical issues in technology are treated. Offered: Fall, Spring. *3 credits*

BMIS 3721 Problem Solving and Programming Techniques

This is a first course in computer programming for business majors. Students are exposed to algorithms and programming techniques, with a focus on business-oriented problems. After successfully completing this course, students should be able to translate a basic problem into a well-designed computer program. The programming language used in the course is Java. Prerequisite: BMIS 2701 and MATH 1303 or permission of instructor. Not offered 2005-2006. *3 credits*

BMIS 3724 Database Management Systems

Management of data in the business environment. The course uses a combination of the technical and nontechnical end-user approach to database management. The major types of data bases are covered but the emphasis is on the relational model. Prerequisite: BMIS 3721. Offered: Fall. *3 credits*

BMIS 3725 Systems Analysis and Design

This course explores the role of the analyst in the development of an information system. Topics include: Systems Development Life Cycle, project planning and monitoring, data-flow diagrams, entity relationship diagrams, database design, data collection techniques, user-interface design and cost-benefit analysis. Prerequisite: BMIS 3721. Prerequisite or Co-requisite: BMIS 3724. Offered: Spring. *3 credits*

BMIS 3726 Computer Systems

Exploring emerging technologies and giving a business perspective on the selection and use of computer hardware and software. Terminology and understanding of hardware/software systems and architectures is stressed. Prerequisite: BMIS 2701 or permission of instructor. Offered: Spring. *3 credits*

BMIS 3727 Advanced Business Software Tools

This course will teach advanced topics in spreadsheet (Excel) design/programming. The course will show students how to use Visual Basic for Applications (VBA) to build functionally rich spreadsheets. In addition, the course will show how VBA can also be used with a database tool (Access) for building user-

friendly applications. Prerequisite: BMIS 2701 or a basic knowledge of spreadsheets and database software. Offered: Fall, Spring. *3 credits*

BMIS 3728 Applications Development in a GUI Environment

Students are introduced to the concepts, terminology, and the technology used to develop applications for the GUI (graphical user interface) environment. Emphasis on the software features of Visual Basic (VB.NET) and the proper use of event driven programming techniques for application development. Prerequisite: BMIS 3721, or permission of the instructor. Offered: Spring. *3 credits*

BMIS 3729 Object-Oriented Programming with Java

The focus of this course is on developing well-designed object-oriented programs using the Java programming language. Students will develop stand-alone applications as well as "applets" (programs embedded in Web documents). Prerequisite: BMIS 3721 or equivalent. Not offered 2005-2006. *3 credits*

BMIS 3730 Developing Web Applications

The course will focus on the development of Web pages enhanced with live data from databases, adding interactivity, user preferences, and storage. The course will start out with a simple example and end with a "sophisticated" project that uses all the techniques and technology examined in the course. Offered: Fall. *3 credits*

BMIS 3731 IT Project Management

As organizations rely increasingly on IT for gaining competitive advantage, their ability to implement large and complex IT solutions has become an important determinant of success. This course addresses the many issues that arise in managing IT projects. The course does not require deep knowledge of IT. The topics covered include: typical characteristics of IT projects, preparing a work breakdown structure, scope management, time management, cost management, quality management, risk management, procurement management and people management. The course will also cover the use of Microsoft Project as a tool for project management. Offered beginning in 2006-07. *3 credits*

BMIS 3732 E-Commerce

The purpose of this course is to provide a survey of technical and business aspects of electronic commerce. As the Internet/WWW has become firmly entrenched as a business tool, much more is known about both its effects and how to properly deploy it. This course describes the basic technologies of the Internet and the Web, and how they are used in e-commerce. In addition, the course will discuss different areas in business that are using e-commerce, investigating the functionality and impact it is having. Offered beginning in 2006-07. *3 credits*

BMIS 3733 Special Topics

As the field of Information Systems changes rapidly, it is impossible to predict what new technology and/or application of an existing technology will have a business impact. This course, which will be offered periodically, will look at a specific leading-edge technology, examining both its technical and business aspects. *3 credits*

BMIS 3750 Telecommunications

This course examines the basics of telecommunications. This includes communications mediums, protocols and equipment. The course will look at local area networks (LANs) and the Internet. Offered: Spring. *3 credits*

BMIS 3752 (BACC 4101) Enterprise-Wide Accounting Information Systems I

Course is designed to provide an understanding of the roles of accounting information and information technology in the decision-making and operational support of the firm. Relational databases and data modeling are covered in significant detail. Students will become familiar with the revenue, expenditure, conversion and general ledger transaction processing subsystems. Students will develop an awareness of the impact of accounting information systems on managerial decisions as well as organizational competitiveness. Prerequisite: BACC 3111. Offered: Fall. *3 credits*

BMIS 3753 (BACC 4102) Enterprise-Wide Accounting Information Systems II

This course will provide participants with a clear understanding of various enterprise applications like accounting, contracts, work orders, materials requirement planning and process manufacturing. Each application will be studied through an extensive REA model. In addition, the course will cover important issues including information systems security and auditing, evaluation and implementation of information systems. Prerequisite: BMIS 3752 or knowledge of ER and REA modeling. Offered: Spring. *3 credits*

BMIS 4730 (BSPM 4730) Application of Information Technology in Sport Management

This course will examine the use and impact of Information Technology (IT) on different aspects of the sport industry. As video and audio media are an important part of the revenues generated by sport companies, they are also included. The course will provide foundation knowledge in key IT topics such as networking, WWW, hardware, CRM (customer relationship management) and data mining. Included in the course will be material on building and evaluating Web sites. The goal of the course is to show how and where IT has been an "enabler" in the Sport Industry. Prerequisite: BMIS 2701. Offered: Spring. *3 credits*

BMIS 4794, 4795, 4796 MIS Co-op I, II, III

See Co-op Adviser. Cooperative Education courses are counted as general electives. Offered: Fall, Spring. *3 credits each*

BMIS 4799 Directed Research/MIS

Application for Independent Study must be completed and approved prior to registration. Forms are available from the faculty member chosen for the supervision of the project. Emphasis on research and field work appropriate to the students' backgrounds and career objectives. Prerequisite: Departmental approval. Offered: Fall, Spring. *3 credits*

Quantitative Analysis**BQUA 2811 Business Statistics**

This course provides students with an understanding of statistical techniques for analyzing business problems. Concepts are developed using calculations for simple problems with small amounts of data. Larger and more realistic problems are handled using Microsoft Excel. Topics include descriptive statistics, elements of probability, sampling, interval estimation, hypothesis testing and regression analysis. Prerequisite: MATH 1303. Offered: Fall, Spring, Summer. *3 credits*

BQUA 2812 Quantitative Decision Making

This course introduces quantitative models of management science and their applications to decision making in a business environment. It will build on the mathematical and statistical tools developed in MATH 1303 and BQUA 2811. Topics may include decision analysis, forecasting, linear programming, inventory, queuing and simulation. Prerequisite: BQUA 2811 and 45 credits. Offered: Fall, Spring, Summer. *3 credits*

Economics

At least two economics electives will be offered each semester on a rotating basis.

Note: A concentration in economics is not offered in the evening.

ECON 1402 Principles of Economics I

Introductory approach to the development of microeconomic analysis. Principles governing economic behavior in a market-oriented system: exchange, market pricing, production and costs, market structures and their effects on product and factor markets. Emphasis on developing techniques for rational micro decision making and evaluating contemporary policies and trends both nationally and internationally. Offered: Fall, Spring, Summer. *3 credits*

ECON 1403 Principles of Economics II

Introductory approach to the development of macroeconomic analysis: principles governing the determination of national income, aggregate output and prices, employment, economic fluctuations and the cost of money and capital. Fiscal and monetary management techniques and policies in light of contemporary national and international issues. Prerequisite: ECON 1402. Offered: Fall, Spring, Summer. *3 credits*

ECON 1409 Economics in Our Nation's Capitol

Students attend a three-day seminar on location in Washington D.C. This course specifically integrates economics, ethics, finance, law and socio/political/cultural issues to provide students with a comprehensive view of the functioning of our nation's capital. Students visit institutions central to U.S. economic policy, domestic and global, including but not limited to the International Monetary Fund, the Securities and Exchange Commission, the Board of Governors of the Federal Reserve System, and various foreign embassies. The itinerary is changed year to year to reflect current trends and issues of interest. Prerequisite: None. Offered: Spring. *1 credit*

ECON 1410 Consumer Economics

Even though we live in a more complex and ever-widening world, the basic task of consumer decisions remains unchanged. This course assembles a series of major consumer decision alternatives whereby students must apply economic analysis to arrive at optimal solutions. Prerequisite: None. Offered: Summer. *3 credits*

ECON 1411 Introduction to Economics

Fundamental principles, concepts, methodology and economic reasoning of the discipline. Emphasis on theoretical, institutional, historical and policy foundations of various contemporary issues. For students not planning to major in economics. Required for a minor in business administration. Offered: Fall, Spring. *3 credits*

ECON 2408 Money and Banking

Introduction to the institutional and theoretical bases of money, credit, the financial markets and the banking system. Functions and operations of the Federal Reserve System in relation to current economic, financial and monetary development and problems. Role of international financial and money markets evaluated for impact on the U.S. economy. Prerequisite: ECON 1403. Offered: Fall, Spring, Summer. *3 credits*

ECON 2420 Intermediate Microeconomic Analysis

Systematic development of microeconomic theory. Consumer behavior, market demand and supply functions for output and resources, decision rules for the efficient allocation of resources, production costs and pricing for benefit maximization. Development of modeling techniques applicable to a variety of functional areas of management, finance and operations. Develops skills for private and public management. Prerequisite: ECON 1402. Offered: Fall. *3 credits*

ECON 2421 Intermediate Macroeconomic Analysis

Systematic development of macroeconomic theory. Neoclassical, Keynesian, post-Keynesian, and contemporary models for income, output, employment and interest rate determination. National and international problems in relation to the applicable models and the practices of fiscal and monetary authorities. Develops analytical skills for fiscal and monetary management, forecasting and public policy. Prerequisite: ECON 1403. Offered: Spring. *3 credits*

ECON 3410 Environmental Economics

Major environmental problems delineated. Economic definitions and aspects of environmental quality. Reasons for environmental quality reductions in a market economy, including externalities, private vs. common property resource use, public goods and irreversible change. Survey of alternative public policy options. Prerequisite: ECON 1402. *3 credits*

ECON 3425 Economic Development and Cultural Change

Surveys global economic interrelationships and current issues in the underdeveloped and developing regions of the world. Measurement and sectoral analyses to assess the roles played by agriculture, human and capital resources and the foreign sector. Prerequisite: ECON 1411 or equivalent. *3 credits*

ECON 3427 The Economics of Health Care

Theoretical and empirical analysis. The growth of the health

industry; the supply of and demand for health practitioners; the hospital as an economic organization; models of pricing in selected sectors of the health market; the financing of health services; cost-benefit analysis; and spatial analysis of delivery systems. Prerequisite: ECON 1411 or equivalent. *3 credits*

ECON 3450 (BSPM 3450) Economics of the Sport Industry

An economic analysis of the sport industry, with special emphasis on the market structure and conduct of baseball, football and hockey as played in the United States. Topics include: an analysis of the work-leisure decisions of sport fans; trends in the market for sport franchises; player salaries and their distribution; the competitive balance in sport leagues; and the cost and impact of sport stadiums. Prerequisites: ECON 1402, ECON 1403. Offered: Every third semester. *3 credits*

ECON 3462 Government and Business

Examines the regulatory interactions of government with enterprise. Survey of the institutional and legal structure in which business functions in the United States. The theoretical and empirical implications of regulation evaluated through the case method. Prerequisite: ECON 1402. Offered: Summer. *3 credits*

ECON 3470 History of Economic Thought

Survey of the evolutionary development of contemporary economic analysis. Major economic schools, classical, socialist, neoclassical, Keynesian and others, as well as key economists. Prerequisites: ECON 1402, ECON 1403. *3 credits*

ECON 4420 Econometrics

Application of mathematics and statistics to economic theory for solving economic problems. Econometric models, both static and dynamic, developed assuming conditions of uncertainty. Open to upper-level students only. Prerequisites: ECON 1403, BQUA 2811. *3 credits*

ECON 4435 The Theory of Economic Growth

Examination of various theories and models of economic growth. Analysis of problems of economic underdevelopment. Private and government development policies interpreted. Prerequisite: ECON 1403. *3 credits*

ECON 4441 (BMGT 4951) Labor Economics

Labor markets in their sectoral and national settings. Labor force analyzed by use of the human resource/capital approach. Labor compensation determination and structure. Labor costs, productivity and their impact on the price level and employment. Prerequisites: ECON 1402, 1403. Offered: Every third semester. *3 credits*

ECON 4455 Public Finance

Principles and practices of public finance. Growth and changing nature of government expenditures. Local, state and federal revenue systems. Nature and economic effects of types of taxes. Public and financial administration. Prerequisite: ECON 1403. *3 credits*

ECON 4483 International Economics

Introduction to exchange theory. Trade patterns and trends. Commercial foreign policies, exchange rates, monetary and fiscal instruments and policies for external balance. International accounts in the context of current trends. Prerequisites: ECON 1402, 1403, 2408. *3 credits*

ECON 4494, 4495 Economics Co-op I, II

See Co-op Adviser. Cooperative Education courses are counted as general electives. *3 credits each*

ECON 4496, 4497, 4498 Directed Research in Economics

Open to students with the permission of their mentors. Project form must be completed and approved prior to registration. Forms are available from the faculty chosen for the supervision of project. Research and field work directed by students' background and career objectives. Hours by arrangement. *1/2/3 credits*

ECON 4499 Seminar in Economics

Research and preparation of a major paper on a topic approved by the faculty. Members of the seminar interact as an evaluation board on the progress and results of the research. Prerequisites: ECON 2420 or 2421 or permission of the department chair. Offered: Spring. *3 credits*

Management

Courses are offered during the day and evenings.

BMGT 2501 is a prerequisite for all management courses except BMGT 1535.

BMGT 1535 (BSPM 1535) Introduction to the Sport Industry

An introduction to the sport industry, growth trends in the industry, and careers in the industry, including an overview of management in the professional sport franchise; intercollegiate athletics, sport marketing and promotions; athlete representation; sport law; facilities management; the health club, spa, resort industry; and sport tourism. Offered: Fall, Spring. Limited to students with less than 60 credits. May be taken as a general elective only. *3 credits*

BMGT 2501 Principles of Management

Fundamentals of management: planning; organizing; coordinating and controlling organizational activities. Study of the evolution of management thought, careers in management, international management, production/operations management and social responsibility. Prerequisite: 45 credits and ECON 1403. Offered: Fall, Spring, Summer. *3 credits*

BMGT 2503 Organizational Behavior

Behavioral science approaches to understanding and effectively managing and leading organizations. Emphasis on developing students' theoretical understanding and behavioral capability to deal with issues at the individual, work group and organizational levels. The course focuses on developing leaders who know how to make decisions, build teams, communicate effectively, design work and organizations, manage conflict, change and diversity and recognize and reward this workforce in a global environment. Prerequisite: BMGT 2501 and 60 credits. Must be taken no earlier than junior year. Offered: Fall, Spring, Summer. *3 credits*

BMGT 3511 Human Resource Management

Theories, practices and problems in human resource management (HRM). The administration and behavioral aspects of effective human resource systems. The roles of the personnel

and human resource manager, selection and staffing, training and development, job performance, productivity and compensation, unions, international/global human resource management and EEO/AA. The legal and ethical issues in HRM. *3 credits*

BMGT 3513 Industrial Relations

While this course covers the traditional content of industrial relations, theoretical, legal and practical aspects of labor, it predominantly focuses on the topics of alternative dispute resolution and conflict management. *3 credits*

BMGT 3515 Production/Operations Management

An introduction to the management of operations in manufacturing, service industries and project management. Further, the topics include physical plant layout, job design and the integration of activities across departments. *3 credits*

BMGT 4520 Managing Your Job Choices

You are the product. Learn methods for a successful job search, develop interview skills, negotiate compensation, assemble powerful recommendations, develop your skills, and prepare for the worst case scenario, job termination. Offered: Spring. *3 credits*

BMGT 4523 Principles of Supervision and Executive Control

Your workforce is the source of sustained competitive advantage. Supervisory strategies for effective management of people provide the organization with a competitive edge. *3 credits*

BMGT 4525 Compensation Management

Principles and design of compensation systems. Prerequisite: BMGT 3511. *3 credits*

BMGT 4526 Managing Diversity

The course explores how contemporary attitudes toward gender, race, and ethnicity influence work and business. Examines a full range of issues, including: the social-legal-political context of diversity, behaviors and perceptions associated with diversity, and personal and management strategies for addressing diversity. A lecture-discussion format with extensive use of experiential exercises and videos. Offered: every other year. (Next offered: Fall 2005). Prerequisite: BMGT 2503. Experimental. *3 credits*

BMGT 4529 Organization Theory and Practice

Systematic analysis of organization theory as evolved by the various schools of thought and managerial behavior in complex organizations. Unification and integration of theory, research and prevailing practice. Offered: Spring. Prerequisite: BMGT 2503. *3 credits*

BMGT 4531 Business and Society

Critical evaluation of the role of business in society, its influences on and responsibility for meeting the challenges of changing social, cultural (diversity), political, legal, ethical and technological needs. Offered: Summer. Prerequisite: BMGT 2503. *3 credits*

BMGT 4533 Human Relations Workshop

Provides students with a deeper understanding of their own behavior and that of others in group and organizational situa-

tions. Participants experience selected problems through simulations and other exercises. Alternate ways of behaving in problem situations, particularly negotiation skills, are explored.

Prerequisite: BMGT 2503. Suspended. *3 credits*

BMGT 4535 (BSPM 4535) The Management of Sport Organizations

This course examines the application of general principles of management to the sport industry and to the management of sport organizations in particular. The course provides the student with an overview of the sport industry, as well as the issues encountered by managers of sport organizations and how management techniques can be applied to effectively address these issues. Students will also consider the ethical and moral dilemmas facing sport managers and the sport industry as a whole. Offered: Fall, Spring. *3 credits*

BMGT 4537 (BSPM 4537) Global Sport Facilities Management

This course examines the real-time history and operations of sport facilities in the U.S. and throughout the world, largely through the use of the World Wide Web. Course content includes the study of: planning and design, services management, marketing and public relations, concessions, event and operations management, maintenance, funding, administration and franchise interaction. Offered: Summer. *3 credits*

BMGT 4538 (BSPM 4538) International Sport Management

This course examines the management of sport in the emerging global village. Examination of sport as a cultural phenomenon and a management challenge in differing political, social and economic systems will be undertaken. Offered: Spring. *3 credits*

BMGT 4545 Leadership Seminar

Explores organizations' need for leadership and how members can take on leadership responsibilities. Defines leadership and how it works. Explores the full range of leadership models and issues. Offered: Spring. Experimental. *3 credits*

BMGT 4547 Developing Management Skills

Students learn theoretical concepts and experience, test and evaluate their managerial skills. Skills include communication, managing conflict and stress, managing creativity and technology, leadership and emotional intelligence, projecting power, and managerial best practices. Offered: Fall, Spring. *Required for all management concentrations. 3 credits*

BMGT 4548 Managing Knowledge Organizations

The emergence of organizations that thrive on knowledge and human creativity has initiated organization-specific practices that are suitable to managing employees who possess special cutting-edge knowledge and the ability to transform it into marketable goods and services. The course will identify and design knowledge organizations and appropriate policies and procedures. Experimental. *3 credits*

BMGT 4552 China in the Global Economy

An introduction to doing business in China and Asia. Taught in China. Offered: Summer. *3 credits*

BMGT 4562 Negotiation

Managers spend much of their time negotiating yet generally devote little time to thinking about how to negotiate. This course explores both the theoretical and practical aspects of

negotiations. Students will study the negotiating process, reviewing the negotiation literature and engaging in negotiations in a variety of settings. Experimental. Offered: Fall. *3 credits*

BMGT 4566 Starting a Business

Essential considerations for beginning a business. Focus on business planning, including: assessing the environment, developing goals, planning operations, seeking financing and gaining a competitive edge. *3 credits*

BMGT 4594, 4595, 4596 Management Co-op I, II, III

See Co-op Adviser. Cooperative Education courses are counted as general electives. Prerequisite: Departmental approval prior to registration. Offered: Fall, Spring, Summer. *3 credits each*

BMGT 4597, 4598, 4599 Directed Research

Independent research in the area of management. Project is developed in consultation with faculty and must be approved by chair prior to registration. Offered: Fall, Spring, Summer. *1/2/3 credits*

BMGT 4925 Managing the Environment

Business must respond to the popular and governmental focus on the degradation of the environment, overuse and the disappearance of resources, increases in pollution, related health and safety issues and change in the natural environment. The course analyzes business environmental strategies. Suspended. *3 credits*

BMGT 4951 (ECON 4441) Labor Economics

Labor markets in their sectoral and national settings. Labor force analyzed by use of the human resource/capital approach. Labor compensation determination and structure. Labor costs, productivity and their impact on the price level and employment. Prerequisites: ECON 1402, 1403. Offered every third semester. *3 credits*

BMGT 4993 Foreign Business Operations

Circumstances under which American firms operate abroad: social customs, political environment, and linguistic and cultural problems. Economic, financial, legal and management issues peculiar to foreign operations. Problems in foreign exchange, international finance and marketing, and human resources management. Management of foreign investment, joint ventures and foreign subsidiaries. Technology transfer, foreign trade operations and the protection of intellectual property abroad. International economic policy and international corporate financial management. *3 credits*

BMGT 5535 Senior Seminar in Management

This senior seminar emphasizes the relationship between student knowledge and skills and the emergent needs of business. The course uses outside speakers, class visitations, internships, diagnostics and experiential exercises to prepare students for management careers. Suspended. *3 credits*

Marketing

Note: A concentration in marketing is not offered in the evening.

BMKT 2601 Principles of Marketing is a prerequisite for ALL marketing courses.

BMKT 2601 Principles of Marketing

The methods, policies and organizations involved in the flow of goods and services from producers to consumers in the context of the sociocultural, economic, legal and technological global business environment. Consumer behavior, marketing research, market segmentation, targeting and demand analysis, strategic planning, product development and management, promotional strategy, pricing, distribution, not-for-profit marketing, international marketing, and social responsibility and ethical issues involved in making marketing decisions. Prerequisite: 45 credits and ECON 1403. Offered: Fall, Spring, Summer. *3 credits*

BMKT 3611 Marketing Research

The techniques of marketing research and their applications in effective marketing management. The marketing research process, including problem definition, research design, questionnaire construction, sampling, data collection and analysis, and report preparation. Ethical issues and the value and limitations of marketing research. Offered: Fall, Spring. *3 credits*

BMKT 3615 Consumer Behavior

The aspects underlying consumer decisions in relation to effective marketing management. The study of the social sciences on which consumer behavior is based, including the influence of psychological, sociological, cultural and subcultural factors on consumer decision making. Public policy and ethical consumer issues, cross cultural consumer behavior and technological aspects influencing consumer behavior. Offered: Fall, Spring. *3 credits*

BMKT 3617 International Marketing

Organizing and managing international marketing operations. Opportunities, distinctive characteristics and emerging trends in foreign markets. Adapting the firm's marketing mix to a diverse economic, sociocultural, political and technological multinational environment. Planning and implementing global marketing strategies. Offered: Fall, Spring. *3 credits*

BMKT 4500 Strategic Marketing Planning and Management

Marketing strategy as a management tool for optimizing corporate profitability and long-term growth. The relationship between marketing and the other corporate functions. The application of competitive forces analysis, marketing performance analysis, environmental scanning and technological resources into a strategic framework for developing, managing and evaluating product and brand differentiation, positioning, pricing and distribution strategies. Prerequisite: at least 9 credits in marketing in addition to BMKT 2601. Not open to students who have taken BMKT 3613. Offered: Fall, Spring. *3 credits*

BMKT 4607 (BSPM 4607) Sport Marketing

The applications of marketing science to all realms of the sport industry, including: professional sport; intercollegiate, interscholastic and intramural sport; amateur sport; and commercial and public sport and recreational facilities, clubs, resorts and service organizations. The special nature and needs of sport organizations in the area of marketing. A view of the international sport business and ethical issues in sport marketing. Offered: Fall, Spring. *3 credits*

BMKT 4625 Retail Marketing

The dynamic role of retailing in marketing consumer goods and services. The evolving retailing environment and the management of retail institutions. Store location, buying and merchandising, inventory management, pricing and promotion, store layout and design, and customer service issues. A focus on new retail formats such as electronic shopping and other forms of non-store buying. Not offered 2005-07. *3 credits*

BMKT 4629 Sales and Personal Selling

Personal selling and managing the corporate sales force in the context of overall marketing strategy. Finding and reaching prospective buyers, developing effective sales presentations, handling objections and closing sales. Sales management, including recruiting, selecting, training, motivating and compensating sales personnel, sales forecasting, territory development and an optimal use of the sales budget. Offered: Spring. *3 credits*

BMKT 4631 Advertising Management

The planning, execution and control of advertising programs. The interrelationships among manufacturers, advertising agencies and the media in the preparation and execution of advertising campaigns. The regulatory, cultural and ethical advertising environment, setting advertising objectives, creative themes in designing print and broadcast campaigns, media selection, advertising research, and the budgeting and evaluation of advertising expenditures. Offered: Fall, Spring. *3 credits*

BMKT 4633 Product Management and Development

Effective management and revitalization of existing products and the development of new products as the cornerstones of corporate marketing strategies. Topics covered include estimating market potential and demand for new and mature products, managing the product portfolio, the changing marketing mix throughout the product life cycle, and the new product development process. Understanding of public policy considerations, ethical issues and the impact of emerging technologies on product strategies. Offered: Fall. *3 credits*

BMKT 4637 Services Marketing

Needs and challenges of service organizations in the area of marketing. Measuring and monitoring customers' needs, expectations and satisfaction, developing and implementing service quality standards, managing service encounters, promoting and differentiating services, pricing services, managing service demand and developing customer relationships for repeat business. The role of the rapidly growing self-service technologies is integrated into the course. Not offered 2005-07. *3 credits*

BMKT 4639 Direct and Interactive Marketing

The application and management of direct-response marketing in segmenting, targeting and establishing long-term relationships with customers. An emphasis on interactive technologies in the dissemination of marketing information and the distribution of goods and services in the electronic marketplace. The management of personal and business-to-business customer databases, and the development, management and evaluation of effective internet marketing, virtual shopping and customized marketing strategies. Not offered 2005-07. *3 credits*

BMKT 4640 Building and Maintaining Strong Brands

The course explores the strategies and options marketers can use to build strong brands. Students will develop an understanding of how marketers can use brands to generate customer loyalty, accelerate acceptance of new products, and make consumers feel pleased and satisfied with their purchases. In addition, students will acquire expertise that will enable them to understand and critique the branding strategies that target us throughout our daily lives. The course includes lectures, exercises and some small case studies. Students will be required to develop a "brand audit," an in-depth analysis of a brand and its strategy. Not offered 2004-05. *3 credits*

BMKT 4694, 4695, 4696 Marketing Co-op I, II, III

(See Co-op Adviser.) *3 credits each*

BMKT 4697, 4698, 4699 Directed Research/Marketing

Individual research in the area of marketing consisting of a student project under the supervision of a marketing faculty. Application for this independent study must be completed, signed by the supervising faculty member and submitted to the department chair prior to pre-registration. Prerequisites: 3.0 or higher GPA, permission of supervising faculty and approval of department chair prior to pre-registration. *1/2/3 credits*

Sport Management**BSPM 1535 (BMGT 1535) Introduction to the Sport Industry**

An introduction to the sport industry, growth trends in the industry, and careers in the industry, including an overview of management in the professional sport franchise; intercollegiate athletics, sport marketing and promotions; athlete representation; sport law; facilities management; the health club, spa, resort industry; and sport tourism. Offered: Fall, Spring. Limited to students with less than 60 credits. May be taken as a general elective only. *3 credits*

BSPM 3450 (ECON 3450) Economics of the Sport Industry

An economic analysis of the sport industry, with special emphasis on the market structure and conduct of baseball, football and hockey as played in the United States. Topics include: an analysis of the work-leisure decisions of sport fans; trends in the market for sport franchises; player salaries and their distribution; the competitive balance in sport leagues; and the cost and impact of sport stadiums. Prerequisites: ECON 1402, ECON 1403. Offered: Every third semester. *3 credits*

BSPM 4232 (BFIN 4232) Sport Finance

Application of finance principles to the sport industry, including revenue sources, valuation issues, performance, and corporate sponsorships. Prerequisite: BFIN 2201. Offered: Fall, Spring. *3 credits*

BSPM 4330 (BLAW 4330) Sport Law

The constitutional aspects of athletics with special attention toward procedural and substantive due process. The formation and conditions of contracts from both the management and individual's perspectives. The rights of athletes, coaches and management according to the ability of each to participate in the prospective sports' leagues and organizations. Strong emphasis on ethical concerns in the sport industry.

Prerequisite: BLAW 2301. Offered: Fall, Spring. *3 credits*

BSPM 4535 (BMGT 4535) The Management of Sport Organizations

This course examines the application of general principles of management to the sport industry and to the management of sport organizations in particular. The course provides the student with an overview of the sport industry, as well as the issues encountered by managers of sport organizations and how management techniques can be applied to effectively address these issues. Students will also consider the ethical and moral dilemmas facing sport managers and the sport industry as a whole. Prerequisite: BMGT 2501. Offered Fall, Spring. *3 credits*

BSPM 4537 (BMGT 4537) Global Sport Facilities Management

This course examines the real-time history and operations of sport facilities in the U.S. and throughout the world, largely through the use of the World Wide Web. Course content includes the study of: planning and design, services management, marketing and public relations, concessions, event and operations management, maintenance, funding, administration and franchise interaction. Prerequisite: BMGT 2501. Offered: Summer. *3 credits*

BSPM 4538 (BMGT 4538) International Sport Management

This course examines the management of sport in the emerging global village. Examination of sport as a cultural phenomenon and a management challenge in differing political, social and economic systems will be undertaken. Prerequisite: BMGT 2501. Offered: Spring. *3 credits*

BSPM 4594, 4595, 4596 Sport Management Co-op I, II, III

See Co-op Adviser. Prerequisite: Departmental approval prior to registration. *3 credits each*

BSPM 4597, 4598, 4599 Directed Research - Sport Management

Prerequisite: Departmental approval prior to registration. *1/2/3 credits*

BSPM 4607 (BMKT 4607) Sport Marketing

The applications of marketing science to all realms of the sport industry, including: professional sport; intercollegiate, inter-scholastic and intramural sport; amateur sport; and commercial and public sport and recreational facilities, clubs, resorts and service organizations. The special nature and needs of sport organizations in the area of marketing. A view of the international sport business and ethical issues in sport marketing. Prerequisite: BMKT 2601. Offered: Fall, Spring. *3 credits*

BSPM 4730 (BMIS 4730) Application of Information Technology in Sport Management

This course will examine the use and impact of Information Technology (IT) on different aspects of the sport industry. As video and audio media are an important part of the revenues generated by sport companies, they are also included. The course will provide foundation knowledge in key IT topics such as networking, WWW, hardware, CRM (customer relationship management) and data mining. Included in the course will be material on building and evaluating Web sites. The goal of the course is to show how and where IT has been an “enabler” in the Sport Industry. Prerequisite: BMIS 2701. Offered: Spring. *3 credits*

Integrated Courses

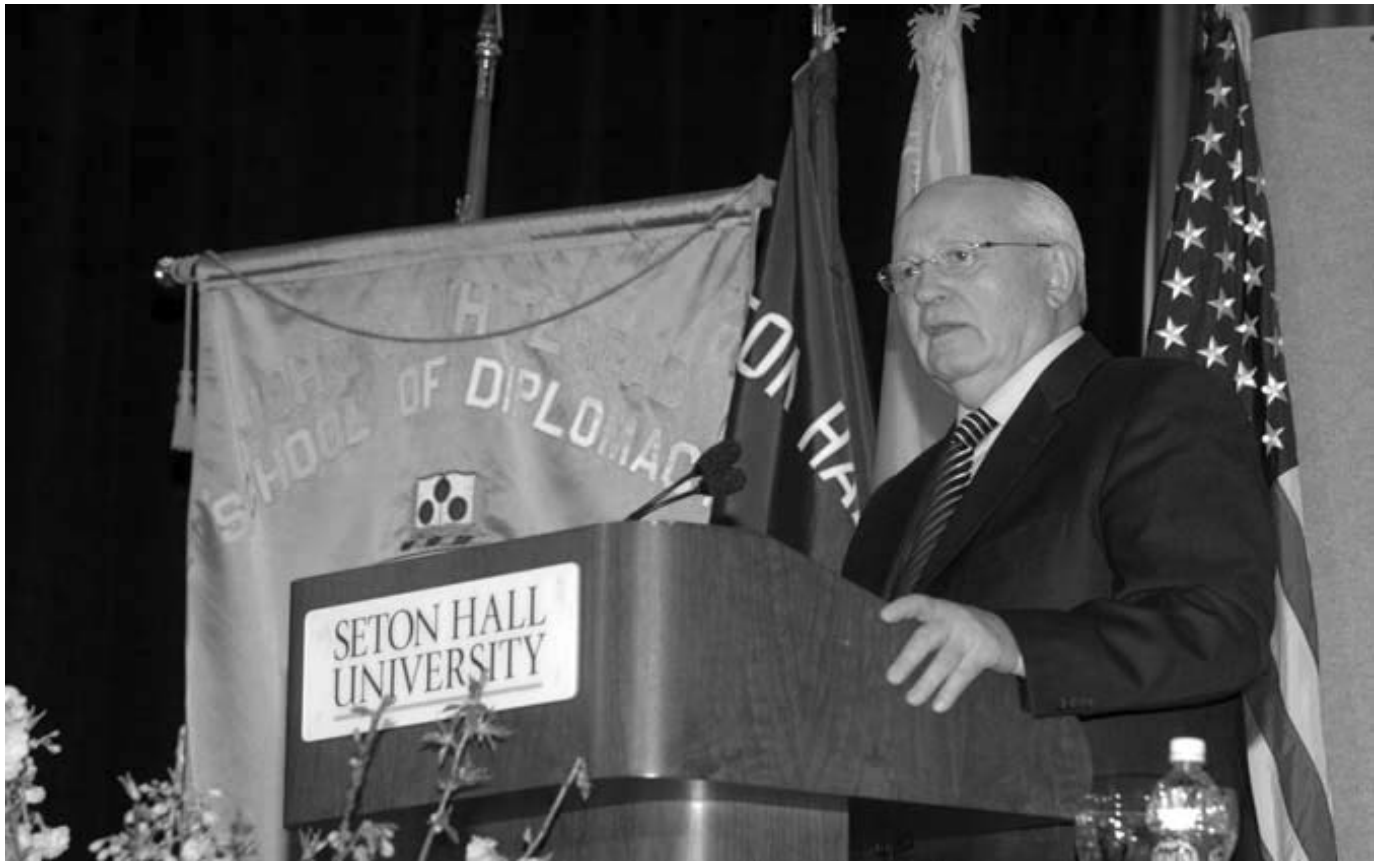
BPOL 5000 Business Policy

Students are organized as a top management team to run a computer simulated business enterprise in a competitive environment. Employing business strategies and models, they integrate the functional knowledge from prior courses and exercise their business skills. Prerequisite: ALL BUSINESS CORE COURSES. BINT 5001 may be a corequisite. Offered: Fall, Spring, Summer. *3 credits*

BINT 5001 Global Business Colloquium

A capstone course that focuses on trends and forces driving the changes of global business environments and their impacts on business decisions. It integrates multiple business disciplines and emphasizes student interaction, group projects and presentation and poster skills. The thrust of this course is to develop “global business literacy” among students. Prerequisite: ALL BUSINESS CORE COURSES EXCEPT BPOL 5000. Offered: Fall only. *3 credits*

Whitehead School of Diplomacy and International Relations



McQuaid Hall, First Floor
(973) 275-2515
diplomacy.shu.edu

Vice President and Interim Dean:

Reverend Paul A. Holmes, S.T.D.

Associate Dean of Academic Affairs:

Courtney A. Smith, Ph.D.

Associate Dean of External Affairs:

Marilyn DiGiacobbe, B.A.

Assistant Dean of Administration:

Rosa Alves-Ferreira, J.D.

Assistant Dean of Undergraduate Students:

Christopher Kaiser, Ed.D.

Assistant Dean of Graduate Studies:

Ursula Sanjamino, M.A.

Assistant Dean of Internships and Career Development:

Michael Olin, Ph.D.

Faculty: Balmaceda; Bariagaber; Gokcekus; Hassan; He; Hertkorn; Horne; Huang; Moremen; Murphy; Wang

Faculty Fellows: Picco; Cobarrubias; Webb; Wister

Distinguished Ambassador Faculty: Chowdhury; Kamal; Molnár; Pachovski

Adjunct Faculty: Akin; Brown; Delet; Degnan; DiMaggio; Farrell; Fomerand; Kachiga; Maffei; Manetovic; Manley; Mazzucelli; Van Leeuwen; Zhang

The John C. Whitehead School of Diplomacy and International Relations, established in alliance with the United Nations Association of the United States of America, prepares students from around the world to become the next generation of global leaders. The Whitehead School's academic programs provide students with critical knowledge and concrete skills essential to international careers in public service, business, law and the nonprofit sector.

Students participate in an innovative curriculum that educates students from a global perspective, with an emphasis on global studies, multilateral diplomacy, conflict resolution, international management, economics and leadership training. A distinguished faculty of

scholars and professionals bring cutting-edge theory and practical perspectives to the classroom. A unique link with the United Nations exposes students to the policymakers and practitioners addressing today's worldwide concerns.

A degree from the Whitehead School of Diplomacy enables graduates to be effective and ethical leaders in their professional careers and to engage dynamically in the complexities of a global society.

"The vocation of every man and woman is to serve other people."

LEO TOLSTOY

Bachelor of Science in Diplomacy and International Relations

The undergraduate program is based on an interdisciplinary global studies curriculum with strong components of cultural understanding, international economics and leadership. A comprehensive world languages program enables students to attain professional proficiency in multiple languages. All students complete a professional internship in order to gain an understanding of career opportunities available to them upon graduation. The Whitehead School of Diplomacy sponsors a study abroad program and regional study trips. Opportunities to participate in Model U.N. and other activities related to the United Nations also are available.

To attain the degree of Bachelor of Science in Diplomacy and International Relations, students must complete the program for a total of 130 credits. While each student is guided by a faculty adviser of the School, the ultimate responsibility for complying with curriculum requirements rests with the student. To complete degree requirements satisfactorily, students must have a cumulative GPA of at least 2.0. Transfer students should obtain academic advisement from the Assistant Dean of Undergraduate Students.

Diplomacy and International Relations Required Core

DIPL 1002	Interdisciplinary Seminar in Diplomacy and International Relations
DIPL 1101	Emergence of the Contemporary World
DIPL 1711	International Relations
DIPL 2101	Ethnopolitical Landscape of the Contemporary World
DIPL 2103	History of Diplomacy
DIPL 2109	Institutions of Global Governance
DIPL 2110	Comparative Foreign Policy
DIPL 2111 or 3111	Practicum, one is required
DIPL 2120	International Conflict and Security
DIPL 3101	Concepts of Leadership
DIPL 3104	Public International Law
DIPL 3150	New Dimensions of Human Security
DIPL 3201	Sustainable Development
DIPL 3800	Investigating International Relations
DIPL 4101	Research Project
DIPL 4106	Human Rights
DIPL 4108	International Political Economy
DIPL 4111	Senior Leadership Internship
DIPL 4555	Economic Aspects of International Relations
DIPL 4556	Financial Aspects of International Relations
DIPL xxxx	Diplomacy Electives (9 credits)

Extra Departmental Required Core

ENGL 1201, 1202	College English I - II
HIST xxxx	2 Non U.S. History courses

MATH 1203	Statistical Models for the Social Sciences
PHIL 1155	Ethics and International Relations
RELS 1402	World Religions
CPSY 1101	University Life

Foreign Language Requirements (offered by Arts and Sciences)

Students are required to attain advanced competency in one of the following languages: Arabic, Chinese, French, German, Italian, Japanese, Spanish or Russian. Students interested in studying Arabic, German or Italian should consult the Assistant Dean of Undergraduate Students as there may be a need for special arrangements.

Total: 130 credits

A Model Program

The following model program of study includes all required courses over a four-year period.

First Year

DIPL 1002	Interdisciplinary Seminar in Diplomacy and International Relations	3
DIPL 1101	Emergence of the Contemporary World	3
DIPL 1711	International Relations	3
DIPL 2103	History of Diplomacy	3
ENGL 1201	College English I	3
ENGL 1202	College English II	3
MATH 1203	Statistical Models for the Social Sciences	3
RELS 1402	World Religions	3
CPSY 1101	University Life	1
LANGUAGE	Elementary Language I and Lab	4
LANGUAGE	Elementary Language II and Lab	4

Second Year

DIPL 2101	Ethnopolitical Landscape	3
DIPL 2109	Institutions of Global Governance	3
DIPL 2110	Comparative Foreign Policy	3
DIPL 2120	International Conflict and Security	3
ECON 1402	Principles of Economics I	3
ECON 1403	Principles of Economics II	3
HIST	Non U.S. History	3
PHIL 1155	Ethics and International Relations	3
LANGUAGE	Intermediate Language I and Lab	4
LANGUAGE	Intermediate Language II and Lab	4

Third Year

DIPL 2111 or 3111	Practicum	3
DIPL 3101	Concepts in Leadership	3
DIPL 3104	Public International Law	3
DIPL 3150	New Dimensions of Human Security	3
DIPL 3201	Sustainable Development	3

DIPL 3800	Investigating International Relations	3
DIPL 4108	International Political Economy	3
LANGUAGE	Advanced Language I	3
LANGUAGE	Advanced Language II	3
DIPL	Two Diplomacy electives	6
Fourth Year		
DIPL 4101	Research Project	3
DIPL 4106	Human Rights	3
DIPL 4111	Senior Leadership Internship	3
DIPL 4555	Economic Aspects of International Relations	3
DIPL 4556	Financial Aspects of International Relations	3
HIST	Non-U.S. History	3
LANGUAGE	Cultural Readings in Language	3
LANGUAGE	Business Correspondence in Language	3
	Diplomacy Elective	3
	Additional Electives	5

Minor in Diplomacy and International Relations (for students in other majors)

The minor in Diplomacy and International Relations is available to students from any other undergraduate college at Seton Hall University. Students must successfully complete at least 18 credits in the following required and elective courses, and achieve a GPA in these courses of at least 2.0.

Students must take either:

DIPL 1711	International Relations
or	
DIPL 1002	Interdisciplinary Seminar in Diplomacy and International Relations

Students must also complete:

Two DIPL classes at the 2000 level
Three DIPL classes at the 3000 level or higher

Five Year B.S./M.A. in Diplomacy and International Relations Program

The B.S./M.A. in Diplomacy and International Relations Program allows students in the undergraduate program in diplomacy and international relations to earn a bachelor's and a 45 credit master's degree in a five year period.

Students who have completed 65 credit hours in the first semester of their junior year, may apply for admission to the M.A. in Diplomacy and International Relations program. If accepted, the program begins second semester junior year. The BS/MA accelerated program requires attendance during summer sessions.

Applications for the BS/MA are available in the Office of Graduate Admissions, McQuaid Hall. Applicants must have a 3.2 minimum GPA.

A Model Program

The following model program of study includes all required courses for the 5 year BS/MA.

First Year

DIPL 1002	Interdisciplinary Seminar in Diplomacy and International Relations	3
DIPL 1101	Emergence of the Contemporary World	3
DIPL 1711	International Relations	3
DIPL 2103	History of Diplomacy	3
ENGL 1201	College English I	3
ENGL 1202	College English II	3
MATH 1203	Statistical Models for the Social Sciences	3
RELS 1402	World Religions	3
CPSY 1101	University Life	1
LANGUAGE	Elementary Language I and Lab	4
LANGUAGE	Elementary Language II and Lab	4

Second Year

DIPL 2101	Ethnopolitical Landscape	3
DIPL 2109	Institutions of Global Governance	3
DIPL 2110	Comparative Foreign Policy	3
DIPL 2120	International Conflict and Security	3
ECON 1402	Principles of Economics I	3
ECON 1403	Principles of Economics II	3
HIST	Non U.S. History	3
PHIL 1155	Ethics and International Relations	3
LANGUAGE	Intermediate Language I and Lab	4
LANGUAGE	Intermediate Language II and Lab	4

Third Year

NOTE: 65 Credits Required for Application to M.A. Program; Deadline is October 31, Administrative Decision by December 15

DIPL 2111 or 3111	Practicum	3
DIPL 3101	Concepts in Leadership	3
DIPL 3104	Public International Law	3
DIPL 3150	New Dimensions of Human Security	3
DIPL 3201	Sustainable Development	3
DIPL 3800	Investigating International Relations	3
DIPL 4106	Human Rights	3
DIPL 4108	International Political Economy	3
LANGUAGE	Advanced Language I	3
LANGUAGE	Advanced Language II	3
HIST	Non-US History	3
DIPL	Undergraduate Diplomacy Elective	3

Summer

DIPL 6000	Introduction to IR Theory & Diplomacy	3
DIPL 6001 or 6180	Politics of Cultural and Ethnic Pluralism/Comparative Foreign Policy	3

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Fourth Year

DIPL 4555	Economic Aspects of International Relations	3
DIPL 6002 or 6005	International Organizations/ Public International Law	3
DIPL 6105	International Political Economy	3
DIPL 6155	Advanced Economic Aspects of the International System	3
DIPL 6310	Research Methods for International Policy	3
LANGUAGE	Cultural Readings in Language	3
LANGUAGE	Business Correspondence in Language	3
DIPL	Undergraduate Diplomacy Elective	3

Summer

DIPL 7111	Diplomacy Internship I	3
DIPL 6311	Masters Research Project	3

Fifth Year

DIPL 6104 or 6130	Art and Science of International Negotiation/International Security	3
DIPL	Specialization I requirements	9
DIPL	Specialization II requirements	9

* See graduate catalog for 6000-7000 level courses and specializations.

Course Descriptions

DIPL 1002 Interdisciplinary Seminar in Diplomacy and International Relations

This course focuses on a few current international challenges or issues while applying several advanced international relations perspectives simultaneously. The course will expose students to a variety of tools and perspectives in the field of Diplomacy and International Relations, and help students to see the complementarity of the various theoretical perspectives. Team taught. *3 credits*

DIPL 1101 Emergence of the Contemporary World

Surveys development of major cultures and societies, focusing on these traditions in the context of interaction among European, Asian and African peoples and the encounter of European and American peoples in the 15th century. *3 credits*

DIPL 1711 International Relations

Analyzes the dynamics of the relations between and across the different countries of the world. Examines the role that countries, international organizations, nongovernmental organizations, businesses, and individual people play in addressing pressing global problems such as peace, war, security, arms control, trade, development, human rights and the environment. *3 credits*

DIPL 2101 Ethnopolitical Landscapes of the Contemporary World

Surveys political, economic, cultural and socio-demographic trends shaping the contemporary world and their impact on international, regional and global relations. Focuses on nationalism and ethnicity. Topics include: rise of nation-states; impact

of nationalism; nation-building and empire building; Western imperialism in the Third World; ethnicity and nationalism; ethnic relations in the U.S. and other parts of the world; and post-Cold War development. *3 credits*

DIPL 2103 History of Diplomacy

Surveys the evolution of diplomacy from ancient civilizations to the present. Examines the actors and processes associated with classic diplomacy, and considers the new challenges facing diplomats as a result of recent changes in international affairs. *3 credits*

DIPL 2109 Institutions of Global Governance

Examines the process through which states, intergovernmental organizations, nongovernmental organizations, and multinational corporations seek to address pressing problems of global governance. The challenges associated with international cooperation are explored, including the changing nature of sovereignty and the difficulties with promoting compliance. A variety of transsovereign issues are covered and the course concludes with a diplomatic simulation of a global issues conference. *3 credits*

DIPL 2110 Comparative Foreign Policy

Explores the different processes through which countries design their foreign policy. A variety of countries are examined encompassing various regions of the world, levels of development, and types of political regimes. Of special concern is the manner in which both domestic and international pressures influence the foreign policy making process. *3 credits*

DIPL 2111 Practicum II: Area Studies International Trip

Focuses on learning the practice of diplomacy through simulation and fieldwork. Opportunity for students to learn theory and practice of intergroup and/or international negotiations. Structured as a seminar with an attached related field/area component. *3 credits*

DIPL 2120 International Conflict and Security

Provides an overview of the classical issues in the study of war and peace, and examines the nature and functions of the use of force, macro- and micro-theories of conflict, arms races and control, nuclear proliferation, and deterrence. Recent developments in the management of weapons of mass destruction are also explored. *3 credits*

DIPL 3101 Concepts in Leadership

Analyzes historical and contemporary concepts of leadership and explores traits, strategies and techniques that define leadership. *3 credits*

DIPL 3104 Public International Law

Deals with the nature, history and domains of international law. Through case studies, this course provides understanding of the international legal system with regard to such basic goals as curbing resort to war, peaceful settlement of disputes, fostering peaceful use of the oceans, Antarctica and outer space, enhancing respect for human rights, preserving the environment and strengthening the capability of the United Nations and the U.N. system as a primary instrument of world order. *3 credits*

DIPL 3111 Practicum III: Internship

Offers an opportunity to learn and develop management and leadership skills in an internship under the guidance of a mentor. The instructor for the course serves as liaison with the mentors. *3 credits*

DIPL 3150 New Dimensions of Human Security

This course transcends traditional interstate conflict by examining new security threats such as infectious diseases, environmental change, growth of human populations, energy security, and water and food scarcities. Special attention will be given to their effects on development, stability, and security. *3 credits*

DIPL 3201 Sustainable Development

Explores the concept of sustainable development. Examines sustainability issues related to both industrial countries and developing countries, for example aging of populations, sustainable consumption, institutional adjustments, managing growth, and pressures of population change. *3 credits*

DIPL 3800 Investigating International Relations

This course introduces the basic tools of scientific investigation. Students learn about the scientific method, data gathering, research design, quantitative and qualitative analyses, and computer applications for international relations research. The course aims to equip students with the facts, intuition, and experience necessary for conducting research projects in subsequent diplomacy courses. *3 credits*

DIPL 4101 Research Project

Culminating research project of the international relations program. Enables students to apply qualitative and quantitative methodologies as needed in the development of interdisciplinary research projects related to their own area studies. Course runs as a research seminar. Students work with a faculty mentor to write their research thesis. Requires junior standing. *3 credits*

DIPL 4106 Human Rights

Combines skill development in research, writing and oral communication with development of an understanding of the sources and nature of those rights of individuals and groups that are, or have been, identified as "Human Rights" under various international conventions, state constitutions and bills of rights, United Nations resolutions and other sources. Specific human rights violations in areas of health, nutrition, labor, the environment, educational systems, political torture and genocide are explored. Requires junior standing. *3 credits*

DIPL 4108 International Political Economy

This course examines the interaction between politics and economics in the international system, i.e. how international economic activity is affected by the political decisions rendered by states and how states are in turn affected by the international financial and trading systems. *3 credits*

DIPL 4111 Senior Leadership Internship

Provides students with hands on experience in the international environment. Students are placed in a selected unit of the United Nations system or a similar organization or international business under the guidance of a mentor and supervision of the instructor of this course. *3 credits*

DIPL 4113 U.S. Foreign Service

This 1-credit course offers intensive preparation and individualized review for entry to the U.S. Foreign Service. *1 credit*

DIPL 4114 International Financial Institutions

Analyzes the dynamics of international trade and finance through the structure and work of the international financial institutions. Covers the basics of the international finance system and explores the potential for international cooperation in the field of development. *3 credits*

DIPL 4115 Cross Cultural Negotiation and Conflict Management

The ability to negotiate and manage conflicts across cultures is no longer an optional skill set in the worlds of international business, diplomacy and advocacy. This course, built on cases, interactive exercises and theoretical frameworks, develops the skills and knowledge for managing the most challenging political, organizational and interpersonal relationships. Prerequisite: DIPL 4183 Art and Science of International Negotiation or permission of instructor. *3 credits*

DIPL 4116 Palestinian-Israeli Peace Process

This course delves into the significant history of attempts to transform the Palestinian-Israeli conflict into coexistence. The instructor builds on significant field research into the open and secret negotiations that have taken place between Israel and the PLO. Students simultaneously conduct actual negotiations joining one of four delegations and negotiating either interim or permanent issues. Prerequisite: DIPL 4183 Art and Science of International Negotiation or permission of instructor. *3 credits*

DIPL 4180 The Modern Middle East

Commences with an overview of the historical events of the Middle East that are crucial to understanding the emergence of the modern period in 1832, and concluding with current issues and opportunities. *3 credits*

DIPL 4183 Art and Science of International Negotiation

States, NGOs and international organizations all negotiate with each other in the context of international conflicts. In this course, students practice and improve their negotiation skills in interactive exercises, learn theories and dynamics of conflict, and apply this knowledge to practical cases. *3 credits*

DIPL 4185 Foreign Policy of Post-Soviet States

Detailed analysis of the global role of states within the former Soviet sphere, both among themselves and in relation to the European Union, China and the United States. *3 credits*

DIPL 4187 Modern Middle East: U.S. Involvement

This course examines U.S. involvement in the Middle East in the 20th century, exploring how the U.S. has emerged as the principal foreign actor in the Middle East. *3 credits*

DIPL 4193 Eastern European and Post-Soviet Politics

Comprehensive introduction to the politics of the former Soviet Union, Eastern Europe, and post-Soviet Russia, including the development of the Soviet Union as a multi-national, planned economy empire and the causes of collapse. The course also explores the challenges faced by the states that

emerged, with special attention to the economic and political problems of these states' transformations as affected by the different legacies of the Soviet period in each of the countries involved. *3 credits*

DIPL 4197 U.N. Insiders' View

Bridges the gap between students and practitioners by complementing an academic understanding of the United Nations with an appreciation of the day-to-day concerns and realities of the organization. Structured around a series of guest lectures offered by U.N. officials and representatives of governments, civil society, and the private sector on a broad range of issues of current concern to the United Nations. *3 credits*

DIPL 4198 International Criminal Law

Explores the historical, political and diplomatic evolution of international criminal law in this century, including war crimes, crimes against humanity and the International Criminal Court. *3 credits*

DIPL 4280 Politics of Terrorism in the Middle East

Investigates the use of terrorism for political purposes. Areas covered include the debate about who/what constitutes a terrorist movement or organization; the financing of terrorism; exploitation of/by the media; connections between fundamentalism, religion and terrorism; and the abilities of security services and intelligence organizations to effectively monitor and combat terrorism. *3 credits*

DIPL 4555 Economic Aspects of International Relations

Reviews the current economic issues generated by globalization by emphasizing facts as well as theories. *3 credits*

DIPL 4556 Financial Aspects of International Relations

This course focuses on issues such as proposed changes in the international financial architecture, the single currency in Europe, the Asian financial crisis, and government intervention in the foreign exchange market. *3 credits*

College of Education and Human Services



Jubilee Hall, Fourth Floor
(973) 761-9025
education.shu.edu

Dean: Joseph De Pierro, Ed.D.

Associate Dean: Reverend Kevin Hanbury, Ed.D.

Associate Dean: Manina Urgolo Huckvale, Ed.D.

Director of Budget and Operations: Marianne Coppola

Assessment Analyst: Kristin Jakubek

Departments and Chairs

Education Leadership, Management and Policy:
Charles P. Mitchel

Educational Studies: William McCartan

Professional Psychology and Family Therapy: Laura Palmer

Special Program, Information Technologies: Nancy Sardone

Service Program, English as a Second Language:
William McCartan

Accreditation

At the time of this publication, the College of Education and Human Services had been awarded provisional accreditation by the National Council for the Accreditation of Teacher Education.

Programs of Study

The mission of the College of Education and Human Services is to promote professional practice. We strive to do that by developing competent, socially conscious, reflective professionals. What does this mean for a candidate in the col-

lege? The faculty and the professionals we work with in the community are committed to: (i) the development of a broad, deep knowledge base that can be translated into practice; (ii) a respect and valuing for difference in our society; (iii) and the ability to practice introspection regarding self-development and pedagogy. An integral step toward achieving these goals is the alignment of our programs with national professional standards and those of the New Jersey State Department of Education. When a candidate graduates from the College of Education and Human Services from Seton Hall University, he/she will be recognized for these qualities and future potential.

The College of Education and Human Services offers programs of study leading to the degrees Bachelor of Science in Education, Master of Arts in Education, Educational Specialist, Doctor of Philosophy, Doctor of Psychology and Doctor of Education. These programs are designed to meet the professional needs and interests of qualified high school and college graduates who wish to prepare for careers in teaching; educators who wish to broaden their knowledge and understanding of the process of education and improve their teaching skills; those who wish to enhance their professional qualifications or general backgrounds; and those who wish to prepare themselves for careers in the human services field.

Undergraduate programs are accredited by the Middle States Commission on Higher Education and approved by the New Jersey State Department of Education under standards of the National Association of State Directors of Teacher Education and Certification. At the time of this publication date, the college has been awarded NCATE (National Council for the Accreditation of Teacher Education) provisional accreditation.

The Bachelor of Science in Education is offered with major programs in elementary and special education and secondary

education content fields. Candidates complete a broad scope of liberal arts studies, a major in an academic field and a component of professional education courses with integrated internship experiences. Candidates in elementary education may also take courses for the early childhood endorsement.

After completing the appropriate course of study, candidates are eligible for the baccalaureate degree and for recommendation to the state of New Jersey for the appropriate teaching certificate. A passing score on the appropriate sections of the Praxis Examination also is required for certification.

Although reciprocal certification agreements exist among many states, the agreements are subject to change. Candidates from states other than New Jersey are advised to consult with Manina Urgolo Huckvale, Ed.D., Seton Hall's teacher certification officer, and/or the appropriate state's department or division of teacher certification, for information about specific requirements.

General School Requirements

To qualify for the degree Bachelor of Science in Education, candidates must complete a minimum of 126-131 credits with required coursework in the three degree components: the general education sequence of liberal arts courses; the academic major; and the professional education sequence. In all cases, general education requirements and content area majors include approximately 90 credits with study in each of the following areas: arts, humanities, mathematics, science, computer science and social science.

All candidates interested in education when they enter the University, as first semester freshmen, are welcome to take the introductory course in their area of interest (elementary, secondary education or special education). Maintaining a minimum GPA of 2.75 is required for admission and retention in the program after the first semester of the freshman year and for admission as a transfer applicant. Candidates may continue in their chosen field of education after nine credits of EDST courses if:

- A GPA of 2.75 is maintained.
- All course products have been successfully completed and placed in the electronic portfolio.
- All field visits and internships have been completed with appropriate evaluation forms completed and returned.
- The field experience quiz has been passed.
- An interview with a program faculty member has occurred.

The University reserves the right to make additional adjustments as required by the New Jersey Department of Education.

Senior Clinical Practice

Undergraduate senior candidates who are matriculated in the College of Education and Human Services and others seeking New Jersey state certification must complete senior clinical practice. Candidates who enroll for this internship must pay a nonrefundable placement fee of \$100.00.

Application Procedure for Senior Clinical Practice

Applicants must secure an official application from the Office of Field Placement and Student Affairs. The application procedure includes a comprehensive review of the candidate's academic record and internships. Completed applications must be received in the Office of Field Placement and Student Affairs before April 1 for assignment during the following Spring Semester, and by December 1 for assignment during the following Fall Semester.

- A GPA of 2.75 for all courses completed
- Continued developing performance in preliminary internships (represented on the field evaluation forms)
- Successful completion of field quizzes
- Approval and recommendation by the department chair/program director
- A physician's certificate indicating freedom from any infirmity that would make the applicant unfit for teaching

Senior Clinical Practice Requirements

Senior clinical practice requires full-time daily participation in the activities of an approved school for a semester. Each candidate is assigned to an accredited school and is guided by a cooperating teacher. The experience includes observation, teaching in the classroom and participation in other activities and conferences. Senior student teachers are required to participate in faculty meetings, parent-teacher meetings and other experiences. Each candidate's performance is assessed collaboratively by the College supervisor and the cooperating teacher. All education courses as well as incompletes in education courses must be finished in order to begin the clinical practice.

Applicants are required to enroll for the Senior Internship Seminar, which meets throughout the semester.

Transfer candidates must complete a minimum of 24 credits at Seton Hall University before they may apply for senior clinical practice.

English as a Second Language (ESL) Program

Designed as a support system for the international candidate, the ESL Program offers classes at levels ranging from advanced beginner to pre-college. Small classes, created to meet the needs of individual candidates, are offered in communication skills such as listening, speaking and American culture, as well as in academic skills such as reading and writing. ESL courses and activities are planned to help candidates bridge the language and cultural gaps between their home countries and the United States, and between the ESL program and the University academic courses.

Course Identification

The abbreviations used to designate courses offered by the departments and special areas of undergraduate instruction within the College of Education and Human Services are as follows:

- Department of Educational Studies (EDST)
- Basic Skills (SKIL)
- Computer Fundamentals (BMIE)
- English as a Second Language (ESLP)
- Professional Psychology and Family Therapy (CPSY)

Consult the index to locate course descriptions.

Department of Educational Studies

Jubilee Hall

(973) 761-9394

education.shu.edu/academicprograms/edstudies/index.html

Faculty: Bosworth; Burroughs; Carr; Cobarrubias; Daly; Devlin-Scherer; Hindin; Katz; Martinelli; May; McCartan (*Chair*); Mitchel; Mueller; Peskin; Raimo; Ruzicka; Sardone; Sheppard; Skeele; Zaccone; Zinicola

Field Director: Strazza

The Department of Educational Studies offers courses leading to the degrees Bachelor of Science in Education, Master of Arts in Education and Educational Specialist. Graduates of certification programs are eligible for recommendation to the state of New Jersey for certification in accordance with state guidelines and codes. Under current rules, candidates must pass the Praxis Exam to qualify for certification and must pursue an academic major in conjunction with their professional major. A GPA of 2.75 must be maintained. The College of Education and Human Services will adhere to state regulations as they change in regard to minimum standards.

All certification programs require a sequence of field experiences and senior clinical practice in the surrounding communities. Transportation to these sites is the responsibility of the candidate.

The Department of Educational Studies is dedicated to the preparation of highly competent, socially conscious, reflective professionals. All the programs within the department, both on the undergraduate and graduate level, reflect this goal. Our emphasis is on outcomes meaning our candidates have not just heard what was taught, but we can see evidence of their learning. The dispositional qualities a candidate brings to the university classroom, fieldwork, and community involvement are an essential component to their overall development and performance. Listed below are the dispositions we expect of all our candidates in Educational Studies.

Professional Code:

Candidates enrolled in the teacher preparation programs in the College of Education and Human Services operate under the following professional code:

- (1) **Dependability:** candidates are reliable, timely, and consistent in their presence and preparation for courses at the university as well as their field settings.
- (2) **Respect & Empathy:** candidates are respectful in their address, writing, language, and physical space toward faculty, university staff, school personnel, peers, and students in the field.

- (3) **Open-mindedness:** candidates respect the context and experience of others; developing the skills to use that information in classroom conversation, writing, and lesson planning.
- (4) **Integrity:** candidates submit original work, fully cite all sources associated with the development of their work (including information from the internet), and recognize that the university fully supports the use of anti-plagiarism software in support of academic integrity.
- (5) **Dress code:** candidates recognize that they are considered representatives of the university, college, and program when they are in their field placements. They are expected to adhere to the dress code of the field placement where they are working, recalling that their professional appearance and behavior reflects Seton Hall. (See the College of Education & Human Services field guide for more information.)
- (6) **Passion for the profession:** candidates display in action, word, and commitment their passion for the profession of teaching, the right for all children to have access to positive and productive learning environments, and a recognition that life as a teacher means dedication to life-long learning.

Failure to adhere to the professional code in either coursework or field experiences may result in referral to the CEHS Retention Committee for consideration of consequences up to and including dismissal from the college.

In addition to general University admission criteria and processes, entering candidates must formally declare their interest in an education program by applying to the College of Education and Human Services. Seton Hall University's average pass rate on the Praxis exams is 96 percent. The New Jersey statewide average pass rate is 99 percent. These figures represent the cohort year 2003-2004.

Elementary Education, Early Childhood and Special Education Programs

Elementary Education, Early Childhood, and Special Education Faculty: Hindin, May, Mitchel, Mueller, Peskin, Raimo, Zinicola

A number of programs of study exist within the domains of elementary, special, and early childhood. A candidate may choose from the following:

- (1) A major in elementary education **and** a content area major (such as history, math, science, world languages, English or fine arts)
- (2) An integrated major of elementary **and** special education and a content area major
- (3) A major in special education, a concentration in speech and language pathology, **and** a content major leading to automatic admission to the M.S. in speech-language pathology (4+2 program) This program requires a minimum G.P.A. of 3.0. (The 3.0 refers to the overall G.P.A., as well as a minimum 3.0 in the preparatory GMSL courses.) * Note: This is not an undergraduate speech-pathology program. No certificate in speech is awarded at the end of the undergraduate degree.

- (4) A certificate in early childhood education, with appropriate fieldwork, can be completed in conjunction with options 1 or 3

If students choose a content area major outside of those listed above, they may not meet state requirements to teach above 5th grade; please check with your academic adviser before choosing a general education major.

The minimum number of credits to graduate, for any of the options listed, are 126-129. Credit requirements of the content area major may require the candidate to exceed the 126-129 credit minimum.

Candidates must maintain a 2.75 GPA in order to remain in a teacher preparation program; coursework and fieldwork in education can not occur if the GPA drops below 2.75. This GPA must be maintained through the entire academic program and is not limited to a single semester. The College of Education and Human Services will adhere to state regulations as they change in regard to minimum standards.

Candidates are required to take courses in (i) professional education (30 credits) and (ii) general education (minimum of 90). The professional education sequence for any of the options above leads to a degree of Bachelor of Science of Education and eligibility for endorsement as a teacher, in specified areas, in the state of New Jersey. The sequence of courses are based upon the standards of several national professional associations: (i) National Association for the Education of Young Children (NAEYC); (ii) the Association for Childhood Education (ACEI); (iii) the Council for Exceptional Children (CEC), and (iv) the Interstate New Teacher Assessment and Support Consortium (INTASC). As such, the program options offer a high-quality education that reflects best teaching practices as defined by the leading practitioners and researchers in the fields.

Field experience is required for sophomores, juniors and seniors. Candidates are required to complete four field internships, connected to specific professional education courses, prior to their senior clinical experience. The internships cover an eight week period and consist of 72 hours of contact time in a field setting. Supervision, by a trained representative from the college, occurs in each internship. The senior clinical experience requires a full semester of full-time teaching. Supervision at this level occurs at a minimum of every other week throughout the experience. Applications for field internships are due March 1st for Fall placements and October 1st for spring placements. Applications for the senior clinical experience are due April 1st for the following spring semester and December 1st for the following fall semester. Candidates are responsible for their own transportation to the field internships and senior clinical experience.

The type of field setting available for candidates is based on the program option they choose (and also effects eligibility for the final endorsements received):

- (1) **Elementary Education & Content Area Major:** field placements include work in elementary and middle school settings (public and private). One of the placements will include an inclusive classroom where children with special needs are part of the population.

Degree and Endorsement: B.S.E., Eligible for Elementary Classroom Teacher with Content Area Specialty

- (2) **Elementary/Special Education & Content Area Major:** field placements in elementary, middle, and special education settings (one inclusive classroom and one setting with students with disabilities outside of learning disabilities).

Degree and Endorsement: B.S.E., Eligible for (i) Elementary Classroom Teacher with Content Area Specialty; and (ii) Teacher of Students with Disabilities with Content Area Specialty.

- (3) **Special Education, Speech/Language Pathology & Content Area Major:** field placements include a range of special education settings where speech is a central part of the curriculum (public and private).

Degree and Endorsement: B.S.E., Eligible for Teacher of Students with Disabilities with Content Area Specialty

- (4) **Early Childhood:** field placements include early childhood and early elementary education settings (this may include special education early childhood if combined with option 3).

This is an endorsement which requires a complete major in elementary education with early childhood knowledge embedded. A separate early childhood course sequence is not required.

Eligibility for Endorsement:

Upon completion of the undergraduate education program, candidates are eligible for recommendation to the state of New Jersey for the certificate of endorsement with advanced standing within their field of study. A passing score on appropriate section(s) of the Praxis examination is also required for the certificate of endorsement. Under current New Jersey state regulations, the candidate must then successfully serve as a provisionally endorsed teacher for one year before the state will grant a permanent endorsement.

Although there are reciprocal certification agreements among many states, there are subject to change. Candidates from states other than New Jersey should check with their state's Department of Education for specific requirements.

Professional Education Core for Option 1, 2, and 4: 30 credits

EDST 1001	Introduction to Teaching
EDST 2001	Life in Inclusive Classrooms
EDST 4000	Child Development and Curriculum
EDST 2004	Early Literacy for All Children
EDST 3005	Literacy Across the Curriculum
EDST 2005	Teaching Math in the Diverse Classroom
EDST 2006	Teaching Science in the Diverse Classroom
EDST 3003	Teaching Social Studies in the Diverse Classroom
EDST 4001	Clinical Practice Seminar

General Education for Option 1, 2, and 4:

Group 1: CPSY (Professional Psychology and Family Therapy)
18 credits

CPSY 1001	Diverse Learners and Families, Part I
CPSY 1002	Diverse Learners and Families, Part II
CPSY 2101	Learning Disabilities
CPSY 2102	Autism and Developmental Disabilities
CPSY 3103	Assessment
CPSY 2200	Health Promotions for Children

Group 2: Arts and Science 45 credits

ENGL	College English I and II (1201, 1202) and Literature course
MATH 1102, 1112	(Math Perspectives I and Math Perspectives II)
SCIENCE	BIOL and another science of your choice
HIST	American History, History of New Jersey
RELS	One choice
PHIL	One choice
MUHI	One choice
ARTH	One choice
Liberal Arts Elective	
BMIE 1001	Computer Fundamentals

Group 4: Content Major Minimum of 36 credits
(Core Content Majors: History, Math, Science, World Languages,
English, Fine Arts)

Professional Education Core for Option 3: 15 credits

EDST 2001	Life in Inclusive Classrooms
EDST 2004	Early Literacy for All Children
EDST 2005	Teaching Math in the Diverse Classroom
EDST 3006	Teaching Science in the Diverse Classroom
EDST 4102	Clinical Practice in Special Education Seminar

General Education Core for Option 3:

Group 1: CPSY (Professional Psychology and Family Therapy)
18 credits

CPSY 1001	Diverse Learners and Families, Part I
CPSY 1002	Diverse Learners and Families, Part II
CPSY 2101	Learning Disabilities
CPSY 2102	Autism and Developmental Disabilities
CPSY 3103	Assessment
CPSY 2200	Health Promotions for Children

Group 2: Graduate Medical (undergraduate courses open to all)
18 credits

GMSL 5000	Introduction to Speech and Language
GMSL 5001	Phonetics
GMSL 5002	Anatomy
GMSL 5003	Language Development
GMSL 5004	Audiology
GMSL 5007	Communication Disorders

Group 3: Arts and Science 42 credits

ENGL	9 credits
MATH	3 credits
RELS/PHIL	6 credits
MUHI	3 credits
ARTH	3 credits
SCIE	6 credits
HIST	6 credits
BMIE	3 credits

Group 4: Content Major Minimum of 36 credits
(Core Content Majors: History, English, World Languages, Science,
Math, Fine Arts)

Secondary Education

Faculty: Burroughs; Daly; Devlin-Scherer; Katz (Program
Director); McCartan.

The program in secondary education consists of strong field-oriented and sequenced professional studies and a diverse selection of fields of specialization. Candidates must complete a liberal arts core and an academic major in one of the listed fields, in addition to the sequence of professional education courses in secondary education. Candidates must maintain an overall GPA of 2.75 in order to remain in the program. The College of Education and Human Services will adhere to state regulations as they change in regard to minimum standards. Continuation in the program requires demonstration of competencies.

Field experience is required for sophomores, juniors and seniors. Candidates are required to complete four field internships, connected to specific professional education courses, prior to their senior clinical experience. The internships cover an eight-week period and consist of 60 hours of contact time in a field setting. Supervision, by a trained representative from the college, occurs in each internship. The senior clinical experience requires a full semester of full-time teaching. Supervision at this level occurs at a minimum of every other week throughout the experience with a qualified professional in your content area. Applications for field internships are due March 1st for fall placements and October 1st for spring placements. Applications for the senior clinical experience are due April 1st for the following spring semester and December 1st for the following fall semester. Candidates are responsible for their own transportation to the field internships and senior clinical experience.

After completing the degree program, students are eligible for the baccalaureate degree and for recommendation to the state of

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New Jersey for the certificate of eligibility with advanced standing to teach specific subject areas, K-12. Passing score(s) on the appropriate section(s) of the Praxis also are required for this certificate of eligibility with advanced standing.

Although there are reciprocal certification agreements among many states, they are subject to change. Candidates from states other than New Jersey should check with their state's Department of Education for specific requirements.

Candidates elect a certification field that must be taken as an academic major in the College of Arts and Sciences. The following fields of certification are:

- Art*
- English
- Mathematics
- Music*
- Social Studies***
- World Languages**
 - Chinese Japanese
 - French Latin
 - German Russian
 - Italian Spanish

Candidates must complete the academic major in their field of certification and are required to have an adviser in that field.

**Art and music education are technical majors with coursework in several programs.*

***Consult the modern languages and Asian studies sections of this catalogue for information about language options and credit requirements.*

****Social studies requires an arts and sciences major (typically, history) with coursework in economics, geography, political science and sociology.*

See program director for details.

Major Program

In addition to the departmental core requirements for the degree, candidates must satisfactorily complete the required courses in professional education, their academic major and related areas and liberal arts electives.

Course and credit requirements are subject to change in accordance with changing New Jersey teacher certification requirements.

Each candidate will be assigned an adviser. The candidate will be responsible for meeting with the adviser each semester to plan, schedule and review courses, and discuss progress. All secondary education majors also will work with an adviser in the College of Arts and Sciences for purposes of monitoring the academic major.

All course registration must be done with the secondary education program. Individual courses of study will vary according to selected major field(s).

The minimum number of credits required to graduate is 128. Credit requirements of the academic major may require the candidate to exceed the 128 minimum. If the candidate has a total of fewer than 128 credits after completing the liberal arts core, the professional core and the academic major, then additional liberal arts electives must be taken to reach the minimum of 128.

The maximum number of professional education credits allowed as part of the degree program is 30. The minimum number of liberal arts credits required is 90, including the liberal arts core and the academic major.

Liberal Arts Core

English (9 credits)

ENGL 1201	College English I (required)
ENGL 1202	College English II (required)
ENGL 2101	Great Books of the Western World I
ENGL 2102	Great Books of the Western World II

History (12 credits)

Select two courses from 1 or 2, and two from 3:

1. HIST 1201	Western Civilization I
HIST 1202	Western Civilization II
or	
2. HIST 1301	American History I
HIST 1302	American History II
3. HIST 1401	History of Latin America I
HIST 1402	History of Latin America II
HIST 1501	History of African Civilization I
HIST 1502	History of African Civilization II
HIST 1601	History of Traditional Asia
HIST 1602	History of Modern Asia
IDIS 1101	Traditional Cultures of the Non Western World I
IDIS 1102	Traditional Cultures of the Non Western World II

Math (3 credits)

MATH	By advisement
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Science (3 credits)

Select one course:

BIOL 1101	Introduction to Biology
CHEM 1001	Chemistry and the World Around Us
PHYS 1001	Introduction to Physical Science
PHYS 1007	Introduction to Astronomy

Computer Science (3 credits)

BMIÉ 1001	Computer Fundamentals (required)
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Philosophy (6 credits)

Select two courses:

PHIL 1101	Introduction to Philosophy (required)
PHIL 1104	Logic
PHIL 1105	Ethics

Religion (3 credits)

RELS 1402	World Religions
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Art/Music (3 credits)

<i>Select one course:</i>	
ARTH 1101	Art of the Western World
MUHI 1102	Music and Civilization

Communication (3 credits)

COST 1600 Oral Communication

Behavioral Science (9 credits)

PSYC 1213 Adolescent Psychology
 PSYC 1218 Drug and Alcohol Abuse
 PSYC 1221 Exceptional Child Psychology

Electives (6 credits) (if needed)*Select any course from the College of Arts and Sciences.***Total: 60****Professional Core**

Enrollment in these courses requires a GPA of 2.75 or above. To continue in this program, students must provide evidence of completed field experience requirements and a minimum GPA of 2.75. Students also must attend convocations that are offered during Fall and Spring semesters.

Freshman**First Year**

EDST 1501 Education in the United States: Past and Present F
 EDST 2501 Philosophy of Education and Curriculum Development S

Second Year*(Field Experience 1 taken first semester; Field Experience 2 taken second semester)*

EDST 1301 Educational Psychology and Classroom Practice F
 EDST 2003 Instructional Theory into Practice S

Third Year*(Field Experience 3 taken during second semester)*

EDST 3301 Educational Evaluation F
 EDST 3700 Integrating Technology into Curriculum F/S

Select one of the following:

EDST 3601 English Language Arts S
 EDST 3602 Methods for Teaching Secondary Mathematics S
 EDST 3603 Secondary Science Methods S
 EDST 3604 Social Education S
 EDST 3605 Methods for Teaching World Languages S

Fourth Year*(Field Experience 4 taken during first semester)*

EDST 3510 Culture, Community and Schools F
 EDST 4500 Senior Internship S

For more information, see education.shu.edu/secondary.

Bachelor of Science Degree in Art Education/Bachelor of Science Degree in Music Education

Secondary education, in conjunction with the College of Arts and Sciences, offers a Bachelor of Science degree in either art or music education.

Secondary Education Requirements for Art Education**College Core Requirements****English (9 credits)**

ENGL 1201 College English I (required)
 ENGL 1202 College English II (required)
 ENGL 2101 Great Books of the Western World I
 ENGL 2102 Great Books of the Western World II

History (12 credits)

Any two art history electives, 3 credits each, may be substituted for 6 credits of the history requirement. The remaining 6 credits will be chosen from history course listing.

HIST 1401 History of Latin America I
 HIST 1402 History of Latin America II
 HIST 1501 History of African Civilization I
 HIST 1502 History of African Civilization II
 HIST 1601 History of Traditional Asia
 HIST 1602 History of Modern Asia
 IDIS 1101 Traditional Cultures of the Non-Western World I
 IDIS 1102 Traditional Cultures of the Non-Western World II

Math (3 credits)

MATH By advisement
 Science (3 credits)

Select one course:

BIOL 1101 Introduction to Biology
 CHEM 1001 Chemistry and the World Around Us
 PHYS 1001 Introduction to Physical Science
 PHYS 1007 Introduction to Astronomy

Computer Science (3 credits)

BMIE 1001 Computer Fundamentals (required)

Philosophy (6 credits)*Select two courses:*

PHIL 1101 Introduction to Philosophy (required)
 PHIL 1104 Logic
 PHIL 1105 Ethics

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Religion (3 credits)	
RELS 1402	World Religions
Art and Music (3 credits)	
ARTH 1101	Art of the Western World
Communication (3 credits)	
COST 1600	Oral Communication
Behavioral Science (9 credits)	
CPSY 1001	Diverse Learners and Their Families Part I
PSYC 1213	Adolescent Psychology
PSYC 1218	Drug and Alcohol Abuse
Electives (6 credits)	
Liberal art electives will be filled by: ARTH and/or AART courses.	

Total: 60

Professional Core

Freshman	
Fall Semester	
EDST 1001	Introduction to Education 3
Spring Semester	
EDST 2501	Philosophy of Education and Curriculum Development 3
Sophomore	
Fall Semester	
EDST 1301	Educational Psychology and Classroom Practice 3
Spring Semester	
EDST 2003	Instructional Theory into Practice 3
EDST 4000	Child Development and Curriculum 3
Junior	
Fall Semester	
EDST 3514	Teaching Art, K-12 3
Spring Semester	
EDST 3301	Educational Evaluation 3
Senior	
Fall Semester	
EDST 3510	Culture, Community and Schools 3
Spring Semester	
EDST 4500	Senior Internship 6

Total: 30

Fine Arts Major	
AART 1110	Fundamentals of Drawing (freshman) 3
AART 1211-1214	Drawing and Painting (minimum) 4
AART 1215-1216	Watercolor (minimum) 2

AART 1220	Art Materials and Techniques	3
AART 1224-1225	Introduction to Printmaking (minimum)	3
AART 2220	Figure Drawing	3
AART 3163	Individual Studies in Art (senior)	3
AART	Art Electives	10
ARTH 1101	Art of the Western World (freshman)	3
ARTH 1118	20th-Century Art	3
ARTH	Art History electives	6

Total: 43

Secondary Education Requirements for Music Education

College Core Requirements

English (9 credits)

ENGL 1201	College English I (required)
ENGL 1202	College English II (required)
ENGL 2101	Great Books of the Western World I
ENGL 2102	Great Books of the Western World II

History (12 credits)

MUHI 1108 and MUHI elective will substitute for 6 credits of required history courses. The remaining 6 credits will be chosen from category 3 history offerings.	
HIST 1401	History of Latin America I
HIST 1402	History of Latin America II
HIST 1501	History of African Civilization I
HIST 1502	History of African Civilization II
HIST 1601	History of Traditional Asia
HIST 1602	History of Modern Asia
IDIS 1101	Traditional Cultures of the Non-Western World I
IDIS 1102	Traditional Cultures of the Non-Western World II

Math (3 credits)

MATH	By advisement
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Science (3 credits)

<i>Select one course:</i>	
BIOL 1101	Introduction to Biology
CHEM 1001	Chemistry and the World Around Us
PHYS 1001	Introduction to Physical Science
PHYS 1007	Introduction to Astronomy

Computer Science (3 credits)

BMIE 1001	Computer Fundamentals (required)
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Philosophy (6 credits)

<i>Select two courses:</i>	
PHIL 1101	Introduction to Philosophy (required)

PHIL 1104	Logic	
PHIL 1105	Ethics	
Religion (3 credits)		
RELS 1402	World Religions	
Art and Music (3 credits)		
MUHI 1102	Music and Civilization	
Communication (3 credits)		
COST 1600	Oral Communication	
Behavioral Science (9 credits)		
CPSY 1001	Diverse Learners and Their Families Part I	
PSYC 1213	Adolescent Psychology	
PSYC 1218	Drug and Alcohol Abuse	
Electives (6 credits)		
Your 6 credits in liberal art electives will be filled by MUAP and/or MUTH courses.		
		Total: 60
Professional Core		
Freshman		
Fall Semester		
EDST 1001	Introduction to Education	3
Spring Semester		
EDST 2501	Philosophy of Education and Curriculum Development	3
Sophomore		
Fall Semester		
EDST 1301	Educational Psychology and Classroom Practice	3
Spring Semester		
EDST 2003	Instructional Theory into Practice	3
EDST 4000	Child Development and Curriculum	3
Junior		
Fall Semester		
EDST 3514	Teaching Art, K-12	3
Spring Semester		
EDST 3301	Educational Evaluation	3
Senior		
Fall Semester		
EDST 3510	Culture, Community and Schools	3
Spring Semester		
EDST 4500	Senior Internship	6

Comprehensive Music Education

I. Music History		9
MUHI 2110 and MUHI 1108 (taken as part of core requirements)		6
MUHI elective (other than MUHI 1133 and 1134)		3
II. Theory		14
MUAP 1171	Sight Singing and Ear Training	2
MUTH 1112	Theory of Music I	4
MUTH 2112	Theory of Music II	4
MUTH 3111	Theory of Music III	3
MUTH 4111	Theory of Music IV	3
III. Instrumental Study		40
<i>A. Primary Instrument (Select 16 credits.)</i>		
MUAP 1011-1012	Beginning Piano I-II	4
MUAP 1131	Beginning Voice	2
MUAP 2211-2219	Private Piano/Majors	12
MUAP 2231-2239	Private Voice/Majors	14
or		
MUAP 1291-1294	Beginning Instruments	2
MUAP 3291-3299	Private Brass/Majors	14
or		
MUAP 1291-1294	Beginning Instruments	2
MUAP 3391-3399	Private Woodwinds/Majors	14
or		
MUAP 1291-1294	Beginning Instruments	2
MUAP 3491-3499	Private Strings/Majors	14
or		
MUAP 1291-1294	Beginning Instruments	2
MUAP 3591-3599	Private Percussion/Majors	14
or		
MUAP 1011	Beginning Piano	2
MUAP 3691-3699	Private Organ/Majors	14
B. Secondary Instruments (8 credits):		
<i>Note: Students must study piano as their secondary instrument.</i>		
MUAP 1011-1012	Beginning Piano I-II	4
MUAP 2111-2119	Private Piano/Non-majors	4
or		
MUAP 1131	Beginning Voice	2
MUAP 2131-2139	Private Voice/Non-majors	6
or		
MUAP 1291-1294	Beginning Instruments	2
MUAP 2291-2299	Private Brass/Non-majors	6
or		
MUAP 1291-1294	Beginning Instruments	2
MUAP 2391-2399	Private Woodwinds/Non-majors	6
or		
MUAP 1291-1294	Beginning Instruments	2
MUAP 2491-2499	Private Strings/Non-majors	6
or		
MUAP 1291-1294	Beginning Instruments	2
MUAP 2591-2599	Private Percussion/Non-majors	6
or		
MUAP 1011	Beginning Piano	2
MUAP 2691-2699	Private Organ/Non-majors	6

C. Other Instruments

MUAP 1291-1294	Beginning Instruments	8
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D. Ensemble

MUAP 1141-1148	Band	6
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or

MUAP 1151-1158	Chorus	
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or

MUAP 1161-1168	Vocal Chamber Ensemble	
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or

MUAP 1183-1190	Instrumental Chamber Ensemble	
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E. Conducting

MUAP 1182	Conducting Techniques	2
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F. Methods

EDST 3513	Methods of Teaching Music	3
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Total: 66**IV. Additional Requirements:**

1. All applied music majors shall demonstrate their proficiency for a faculty jury at the end of each semester.
2. Music majors shall present a formal recital during the last semester of their senior year.
3. All music candidates are required to attend concerts and other activities sponsored by the Department of Art and Music and the Arts Council.
4. Candidates will participate in recitals during the academic year.

Bachelor of Arts in Education/Master of Arts in Theology

Secondary education, in collaboration with Immaculate Conception Seminary School of Theology (ICSST), offers a joint Bachelor of Arts (B.A.) in Education and Master of Arts (M.A.) in Theology six-year degree program open only to international seminarians (the Neo-Catechumenal Way) beginning Fall Semester 1997.

Professional Education Courses

EDST 1101	American Standard English
EDST 1301	Educational Psychology and Classroom Practice
EDST 1501	Education in the United States
EDST 2003	Instructional Theory and Practice
EDST 2501	Philosophy of Education and Curriculum Development
EDST 3510	Culture, Community and Schools
EDST 3700	Integrating Technology into Curriculum
BMIE 1001	Computer Fundamentals
BMIE 3710	Electronic Research Technologies
EDST/PTHO 2301	Parish as Learning Community
or	
EDST/PTHO 2323	Adult Catechesis

Certificate in Information Technologies

Director: Nancy Sardone, M.A.**Preparing for Your Future**

From modems to satellites, from distance education to virtual reality, information technologies are creating exciting and far-reaching changes in our lives. How will you respond to the opportunities and dilemmas they present today and in the future?

A Certificate in Information Technologies will help you establish a base of knowledge that will enable you to live and work effectively in today's knowledge-oriented society.

In this program, you will discover the basic concepts behind a wide range of information technologies and the powerful impact they have on our lives. You will become actively involved in the intelligent utilization of a variety of information systems and the use of computer software to improve productivity, make decisions, pursue research interests, produce multimedia presentations and enhance learning.

Be confident about your computing skills when you apply for your next job. This certificate will show employers that you have the technical proficiency to back up your academic accomplishments.

The Certificate in Information Technologies

The certificate program acknowledges students who achieve a level of experience and knowledge with information technologies. The certificate program is open to any undergraduate students enrolled at the University as well as students who are not enrolled in a full University program.

Certificate Requirements

The College will award the Certificate in Information Technologies to students who successfully complete five, 3-credit information technology courses (15 credits). The certificate award will also be noted on the student's transcript. A maximum of 6 credits will be accepted for equivalent experience in other divisions of the University, or for courses taken at other colleges.

The Undergraduate Information Technologies Program

The following courses may be applied toward the IT certificate.

Select five:

BMIE 1001	Computer Fundamentals
IBMIE 1002	Intermediate Microcomputing
EDST 3700	Integrating Curriculum and Technology
BMIE 3705	Web Page Technologies
BMIE 3710	Electronic Research Technologies
BMIE 3714	Multimedia Technologies
BMIE 3716	Access Database Application Development

BMIE 4304	Production of Instructional Resources I
BMIE 4305	Production of Instructional Resources II
BMIE 4343	Computer Graphics
BMIE 4344	Seminar: Social, Ethical and Legal Issues in Computing
BMIE 4345	Online Course Management and Delivery
BMIE 4347	Special Projects in Technology
BMIE 4348	Online Course Design and Implementation
BMIE 4349/4350	Internship in Information Technologies I & II
Total: 15 credits	

Certificate in Online Course Development and Management

Director: Nancy Sardone, M.A.

Develop and Teach Online Courses

As we move into the 21st century, universities and colleges around the world are experiencing the changes created by technology and looking for ways to implement new modes of teaching and training students. Faculty and students are no longer bound to a classroom - there is a shift from the traditional mode of teaching and learning to online education.

Seton Hall University, a leader in Web-based education, is offering an Online Course Development and Management Certificate to help educators and trainers acquire the teaching and technical skills desirable for online teaching. This certificate provides the expertise educators need to teach courses in an online learning environment. As a leader in online education, Seton Hall University offers this program to prepare students for future success in a high tech world. A Certificate in Online Course Development and management will enable you to communicate and instruct effectively in today's cyber environment.

The Certificate in Online Course Development

The certificate program acknowledges students who achieve a level of experience and knowledge with information technologies. The certificate program is open to any undergraduate student enrolled at the University, as well as students who are not enrolled in a full University program.

Certificate Requirements

The College will award the Certificate in Online Course Development and Management to students who successfully complete five 3-credit information technology courses (15 credits).

A maximum of 6 credits may be accepted for equivalent experience in other divisions of the University, or for courses taken at other colleges.

Undergraduate Program

The following courses may be applied toward the Online Course Development and Management Program Certificate.

Required Courses:

BMIE 3705	Web Page Technologies
BMIE 3710	Electronic Research Technologies
BMIE 4345	Online Course Management and Delivery
BMIE 4348	Online Course Design and Implementation
<i>Select one of the following:</i>	
BMIE 3714	Multimedia Technologies
BMIE 4343	Computer Graphics
BMIE 4344	Seminar: Social, Ethical and Legal Issues in Technology
BMIE 4346	Computer Networking Fundamentals
BMIE 4349/4350	Internship in Information Technologies I & II

Course Descriptions

BMIE 1001 Computer Fundamentals

Introduction to computers and computing, problem solving, and the impact of computers in our lives. Course provides a working knowledge of computers and Windows environment with an emphasis on word processing, desktop publishing, spreadsheets, presentation, and Web editing software. Course designed to focus on student computing needs. *3 credits*

BMIE 1002 Intermediate Microcomputing

Introduces and develops expertise in database, and semantic networking software. Presents advanced concepts in word processing, spreadsheet, desktop publishing and presentation graphics. Emphasis is placed on using these programs to their full advantage by use of advanced integration. The terminal goal is to develop computing skills as they apply in appropriate organizational settings. *3 credits*

BMIE 3705 Web Page Technologies

Learn how to use the Internet and related tools, Microsoft FrontPage, information utilities, and other aspects of information technology. Prepares the non-technical student to survive the electronic information explosion and succeed in the 21st century. *3 credits*

BMIE 3710 Electronic Research Technologies

Advanced electronic research using computer-based and Internet accessible tools. Find, evaluate and assemble the best information for individual research interests and workplace needs. Develop research skills and information discrimination techniques using electronic resources. Includes research methodology, bibliography development, search strategies, electronic reference materials, online newspapers and periodicals, email, listservs, and newsgroups. *3 credits*

BMIE 3714 Multimedia Technologies

The use of a computer to present and combine text, graphics, audio and video with links and tools to create learning packages, assessment tools, presentations, and stand-alone training. Focus is on good multimedia design, scripting, use of audio and video tools, the Internet as a delivery tool and computer-based training using Director and Premier. *3 credits*

BMIE 3716 Access Database Application Development

Learn to manage information using a relational database. Gain the knowledge and expertise to develop simple to complex queries, data entry forms and reports. Database design and the importance of referential integrity are stressed. *3 credits*

BMIE 4304 Production of Instructional Resources I

Design and develop instructional and professional products using a variety of technological tools to produce audiovisual, text and computer based materials and settings. *3 credits*

BMIE 4305 Production of Instructional Resources II

Design and develop instructional and professional products using digital imaging and portable document software programs to produce audiovisual, text and computer based resources. *3 credits*

BMIE 4343 Computer Graphics

Create, plan, design, draw and create Macromedia Flash movies for stand alone and Internet based dissemination. Learn and apply design principles based on visual communication practices. *3 credits*

BMIE 4344 Seminar: Social, Ethical and Legal Issues in Computing

Social, ethical, and legal problems associated with computer-based technologies will be explored, debated and researched, along with the means for reducing problems and coping with their effects. *3 credits*

BMIE 4345 Online Course Management and Delivery

Learn to design and build online course instruction for delivery via the Internet. Develop the tools to provide online instruction including creating an online environment, learning research techniques, examining plagiarism and copyright issues, and planning overall online course management. *3 credits*

BMIE 4346 Computer Networking Fundamentals

This course provides a general introduction to a wide variety of networking concepts, which can be applied to a broad selection of telecommunication related job segments. This course will cover the history and fundamentals of network design and cabling infrastructure; technologies, protocols, communications and the tools necessary to troubleshoot and design. *3 credits*

BMIE 4347 Special Projects in Technology

Students develop technology-based projects using new and emerging technologies. The instructional design process is employed throughout the development of the project. Project content is related to student's field of study. *3 credits*

BMIE 4348 Online Course Design and Implementation

Design and develop a complete plan for building an online course for Internet delivery. Learn to create course modules, use facilitation and moderating techniques, design assessment and develop a student-centered online environment that encourages positive learning outcomes. *3 credits*

BMIE 4349 Internship in Information Technologies I

A field-based opportunity to gain professional experience in a work situation appropriate to career goals. Development of critical thinking and leadership skills while performing authentic tasks. *3 credits*

BMIE 4350 Internship in Information Technologies II

Students may take a second semester of a field-based opportunity to gain professional experience in a work situation appropriate to career goals. Development of critical thinking and leadership skills while performing authentic tasks. *3 credits*

EDST 1001 Introduction to Teaching: The Profession

This course is an introduction to the many facets of education. The course will explore the profession of education, the structure and organization of schools, the legal and historical aspects of education, educational theory and philosophy, and schools for the next century. Candidates will understand how to establish healthy, positive relationships with children, parents, colleagues and community members. They will reflect on attitudes, aptitudes, skills and dispositions of successful teachers. *3 credits*

EDST 1301 Educational Psychology and Classroom Practice

The components of the learning process and the contributions of psychology to education. Student characteristics, the process of human growth and the role of intelligence in the context of family and schooling. Environmental factors, social class, and cultural and racial differences on the development and measurement of teaching. Leading learning theories and their applications to teaching. Personal and social factors impacting on motivation and learning. Theories of the cognitive process. Methods for effective instruction, measurement and evaluation. Presenting classroom materials in a healthy school environment that accommodates individual, linguistic and cultural differences. *3 credits*

EDST 1415 Physical Education I

Physical conditioning and defensive tactics and how they apply to the student's experience. Various forms of running, freehand exercises, weight training, organized athletics, tumbling and gymnastics. A boxing program reflects students' reactions under the stress of physical confrontation. Training extends into hand-to-hand combat and self-defense against various weapons. Examinations and critiques included. *3 credits*

EDST 1416 Physical Education II

Crash injury management and physiology, water self-survival and lifesaving. Learning the structure and functions of the human body to enable the student to better perform physical functions of present-day law enforcement. Emergency care work is emphasized. *3 credits*

EDST 1501 Education in the United States: Past and Present

A study of the public education system (K-12) in America, the goals of education and the institutions that have evolved to meet those goals. The political, social, economic and intellectual developments that historically influence educational theory and practice. Recent educational changes resulting from contemporary reform efforts. *3 credits*

EDST 2001 Life in the Diverse Classroom

Life in the Classroom is designed to assist pre-service teachers in developing the skills, competencies and attitudes needed for teaching and managing a classroom of diverse learners. Candidates will examine learners and their diverse needs and gain knowledge of how to address these needs in an inclusive classroom. Candidates will examine the nature of teaching, overview of the elementary curriculum, strategies for working with diverse learners, planning for effective instruction, and instructional theory into practice. They will be introduced to various materials for use with children with disabilities, such as, assistive technology and functional academic guides. *3 credits*

EDST 2003 Instructional Theory and Practice

Latest research on how the brain processes information. The basis for the decisions teachers must make to increase the probability that learning will occur. Skills teachers need to plan and implement lessons, and to evaluate student learning. Learning styles, questioning techniques and cooperative learning groups. A field experience is required when enrolled in this class. *3 credits*

EDST 2004 Early Literacy for All Children

Focuses on the teaching and acquisition of literacy in the early elementary years; develops knowledge of specific literacy skills such as phonics, sight words, oral reading fluency, reading comprehension, spelling and composition; presents techniques for teaching reading, writing, listening and speaking; develops knowledge of special corrective techniques; stresses an integrated skills approach, emphasizes motivation, the development of positive attitudes towards the language arts, and a love of literature. Field experience involvement. *3 credits*

EDST 2005 Teaching Math in the Diverse Classroom

This course is designed for those who will be elementary teachers of mathematics. It is designed to help pre-service teachers facilitate children learning mathematical concepts and skills, as well as important problem solving techniques. In the process it will challenge thinking and further stimulate interest in mathematics. It will increase knowledge of the NCTM Standards. The National Council of Teachers of Math Standards have identified communication as an important part of mathematics learning and this class is designed to encourage and facilitate communication. Field experience involvement. *3 credits*

EDST 2006 Teaching Science in the Diverse Classroom

Elementary Science content areas, process skills, teaching styles, strategies and techniques are explored through class lectures, discussions, assigned readings, lesson planning and teaching, cooperative group work, research, projects, experiments, demonstrations, use of technology and presentations. The process of learning by doing science with a constructivist

emphasis is demonstrated and practiced in class as well as the integration of science with other subject areas. Field experience involvement. *3 credits*

EDST 2501 Philosophy of Education and Curriculum Development

Ideological, philosophical, psychological and sociological influences on curriculum. Examination of major philosophies that affect education and curriculum development. Curriculum design and the factors that impact on its effectiveness and evaluation. How goals and objectives reflect educational purpose and the curriculum. Alternative models in curriculum design and implementation. Specific curriculum design issues in various content areas of secondary education. *3 credits*

EDST 3003 Teaching Social Studies in the Diverse Classroom

Preparing productive and responsible citizens requires education directed at that goal. Such education imparts knowledge about our history, and our political and economic systems. It develops the skills, attitudes, and values that support motivated citizen movement. It shows candidates that accurately informed and directly involved citizens are important to our national well being. Develops strategies for teaching the social studies. Field experience involvement. *3 credits*

EDST 3005 Literacy Across the Curriculum

Focuses on the teaching and acquisition of literacy in the upper elementary years; stresses techniques for improving vocabulary, comprehension and writing skills; develops knowledge of process writing and methods of assessing language arts performance; investigates the application of reading and writing to content area learning; develops knowledge of children's literature; underscores the importance of modeling, motivation and positive attitudes. Field experience involvement. *3 credits*

EDST 3301 Educational Evaluation

Theory and practice of educational testing, and the development and use of tests and other forms of assessment. Analysis and interpretation of test results. Practice in major test construction and application in candidates' major areas of specialization. Emphasis on alternative and authentic forms of assessment. *3 credits*

EDST 3510 Culture, Community and Schools

Implications of race, ethnic background, religion, language and gender on schooling of children. Community organizations that impact on the school. Analysis of various cultures that influence American education. Special attention to recognition and integration of multicultural education. Sixty hours of field experience required when enrolled in this class. *3 credits*

EDST 3601 English Language Arts

A "whole language" approach to the teaching of English. Presents techniques for teaching various forms of composition; stresses the importance of process writing; develops strategies for literary involvement and response; focuses on computer applications; introduces portfolio and authentic assessment. *3 credits*

EDST 3602 Methods for Teaching Secondary School Mathematics

Contemporary standards for secondary math curriculum and assessment; the mathematics essential for teaching secondary mathematics; the roles of secondary school math teachers; and the social and learning environments that affect the teaching and learning of mathematics. *3 credits*

EDST 3603 Secondary School Science Methods

There are things all adolescents need to understand, to know how to do, and cultivate as habits of mind as a consequence of their secondary school science experience. Strategies to help adolescents acquire these understandings, skills and attitudes so that they are able to explain everyday phenomena, solve practical problems and make informed decisions about scientific issues. *3 credits*

EDST 3604 Social Education

How the goals for social studies education are met in the secondary school. Competing rationales for the social studies field. Proposals for curriculum change compared to the dominant patterns of classroom instruction. Candidates examine, design and use materials available for teaching the essential skills and content knowledge in social studies, and participate in at least one professional activity. Also studied are: the influence of the bureaucratic, hierarchical nature of schooling on social education; existing and proposed alternatives; the making of teaching decisions and the influences that shape them; and identifying individual differences. *3 credits*

EDST 3605 Teaching Methods for World Languages

Presents candidates with a current picture of modern language teaching and its place in our society. Candidates learn a number of approaches to communicative language instruction and create lessons using these methods. Candidates practice presenting their lessons and learn to become reflective practitioners of their craft. Candidates are responsible for readings in the texts, professional journals and other materials. *3 credits*

EDST 3700 Integrating Curriculum and Technology

Learn how to integrate "best practice" and technology standards with a technology-based curriculum. A broad range of computer-supported learning tools, projects, and emerging technologies explored, created, and evaluated through an interactive approach. *3 credits*

EDST 4000 Child Development and Curriculum

This course is designed for freshmen to enable them to understand the emotional, physical, cognitive, social and moral development of the child prior to working with children in schools. The course offers instruction on development from birth through adolescence with a special focus on the early childhood developmental stages and developmentally appropriate practice. Understanding how children grow and develop enables candidates to make appropriate decisions in their work with children relating to subject matter, methods, curriculum goals, and materials. In addition to field visits to Pre-K settings, candidates will complete projects that connect child development knowledge to curriculum. *3 credits*

EDST 4001 Senior Internship

The seminar is organized to support senior candidates engaged in their culminating field experience and to deepen beginning teachers' understanding of three main topics: the classroom and the school, student development and learning, and curriculum. Selected topics will include current curriculum, analysis of teaching effectiveness, human relations in the school, classroom management and discipline, teaching strategies, learning across the curriculum, evaluation, employment and professional growth. *6 credits*

EDST 4120 Seminar in Special Education & Speech & Language Pathology

This course is for seniors in the 4+2 special education/speech and language pathology program, and is taken in conjunction with their clinical practice. Candidates are provided with a forum to work through their full-time teaching experience (e.g. strategies, behavioral interventions and supports) and reflect upon their practice over the program and in preparation for their future in schools and speech therapy. A culminating professional standards portfolio is completed in this course that allows candidates to provide their own evidence to indicate their competence, social consciousness and reflective skills. *3 credits*

EDST 4500 Senior Internship

A 15-week placement in an approved school setting (under the supervision of a cooperating teacher and College of Education personnel) that enables candidates to develop and refine their competencies as teachers. Complementing this full-time practical experience is a weekly seminar that relates theoretical principles and content to practice through case studies, class discussion, and the development of lesson plans, modules and curriculum units. Requires full-time student teaching for a full semester. Prerequisites: EDST 1501, 2501, 1301, 2003, 3700, 3301, 3501 and appropriate methods course or program recommendation. *6 credits*

CPSY EDST 2101 (Formerly EDST 2101) Learning Disabilities

Theoretic constructs underlying learning disabilities and behavioral manifestations of the learning disabled in the home and academic environments. Support systems, pertinent legislation and recent issues. *3 credits*

CPSY 1001 Diverse Learners & Their Families, Part I

Introduction to special education law, the referral and evaluation process, definitions for federal and state disability classifications as well as the associated behavioral and learning characteristics for students within the areas. All classifications will be discussed with extra focus on learning disabilities, mental retardation, ADHD, autism, and emotional and behavioral disorders. Exploration of concepts such as the social construction of disability, the development of a sense of self, stereotypes, prejudice and stigma. The overarching goal for the course is that candidates understand the terminology and general learning needs associated with disability areas while always keeping the person-first in their perceptions and actions. *3 credits*

CPSY 1002 Diverse Learners & Their Families, Part II

The focus for this course is on family structures, roles, interactional patterns, and systems theory. Stressors on families and their reactions, needs, challenges, and support systems are explored (e.g. families of children with special needs). The overarching goal for the course is that candidates recognize that families embody a complex history of culture, language, religion, challenges, strengths and that respect for experiences different than one's own is essential to living and working in a diverse world. *3 credits*

CPSY 2102 Autism and Developmental Disabilities

This course will focus on three types of developmental disabilities: autism, mental retardation, and cerebral palsy. Two themes provide the framework for the course across all three disability categories: (i) speech and communication challenges and (ii) educational program options and supportive interventions. Assistive technology will be discussed as a tool in both areas. *3 credits*

CPSY 2200 Health Promotion for Children

To effectively deal with health-related issues of youth, this course combines the study of the nature and nurture of children. It addresses the skills, information, and behavior relevant to the promotion of wellness and resiliency of children. HIV/AIDS, sexuality, violence, chemical substances, safe environment, illness and disease prevention are issues that bring public attention to schools and community agencies. This course attends to the current findings in the area of prevention education to enable learners to make informed decisions. Information and resources, professional responsibilities, procedures, policies and laws, and resources are integrated with multiple approaches to be taken with children. *3 credits*

CPSY 3103 (Formerly EDST 3103) Psycho-Educational Diagnosis and Assessment in Special Education

Basic principles of psychological, developmental and educational testing, diagnosis and assessment. Consideration and evaluation of the types of tests commonly used in special education. Introduction to diagnostic and assessment processes and report writing. Discussion of controversial issues. Lab fee. *3 credits*

College of Nursing



Caroline Di Donato Schwartz College of Nursing Building
(973) 761-9306
(973) 761-9014
nursing.shu.edu

Dean: Phyllis Shanley Hansell, Ed.D., R.N., F.A.A.N.

Associate Dean for Baccalaureate Nursing Programs:
Linda Ulak, Ed.D, R.N.

Associate Dean for Graduate Nursing Programs and Research: Wendy Budin, Ph.D., R.N.

Assistant Dean:

Marion C. Lapchak, R.N., M.S.N., M.B.A., M.A.

Director of Recruitment: Mary Jo Bugel, M.A., R.N.

Department of Adult Health Nursing

Faculty: Casida; Gaffney; Greene; Hart; Huryk; Kizilay; Mauro; Mikky; Ropis; Rossignol; Russo (Chair); Saccomano; Suozo; Torchia; Wright

Department of Family and Community Health Nursing

Faculty: Beacham; Camillo; Campbell; Dellert; DeVito; Fortier; Gasalberti; Hollywood; Lambert; Lothian; Scharf; Sternas

Department of Supportive Sciences and Health Systems

Faculty: Blozen; Budin; Cox; Foley; Gelmann; Halley-Boyce; Hansell; Iglesias (*Chair*); Kleinman; Olsen; Rubino; Sirota; Sturm; Ulak

Accreditation

For further information contact:

Commission on Collegiate Nursing Education

One Dupont Circle, NW, Suite 530

Washington, D.C. 20036-1120

(202) 887-6791

and

The National League for Nursing Accrediting Commission

61 Broadway, New York, NY 10006

(212) 363-5555

Programs of Study

The College of Nursing offers programs of study leading to the degree Bachelor of Science in Nursing and is accredited by the Commission on Collegiate Nursing Education, the National League for Nursing Accrediting Commission and is approved by the New Jersey Board of Nursing. Seton Hall University also is accredited by the Middle States Commission on Higher Education. The programs combine liberal education with basic preparation in professional nursing. Registered nurse baccalaureate graduates are prepared to practice nursing in a variety of settings, which may include ambulatory care, acute

care hospitals, long-term care facilities, hospices and schools, among others. In addition, the baccalaureate degree in nursing prepares graduates to continue education on a graduate level.

Admission Requirements

In addition to the general University requirements for admission, the College of Nursing requires that applicants complete one unit in biology and one unit in chemistry.

Transfer Requirement

Students must have a 3.0 G.P.A. or higher to be accepted into the College of Nursing.

Licensure

The State Board of Nursing has the responsibility to determine who is eligible to take the registered nurse licensure examination (NCLEX-RN). Graduation from the nursing program satisfies one of the eligibility requirements. There are other eligibility criteria as well. Since eligibility criteria may vary, applicants should check with the Board of Nursing of the state in which they plan to take the examination to determine the eligibility criteria.

Clinical Requirements

Prior to enrollment, accepted students need to complete JCAHO and OSHA requirements for immunization, medical history, and competencies including the American Heart Association Certification course for CPR (BLS for Healthcare Professionals).

Health Examination

Students are not eligible to participate in clinical nursing experiences unless annual health requirements are met. The Health Examination Form, giving specific requirements, is available from the College of Nursing.

Liability Insurance

Students taking clinical nursing courses must be covered by liability insurance. Application forms and additional information can be obtained from the College of Nursing.

Uniform and Equipment Policy

A uniform and equipment policy for clinical practice is in effect in the College of Nursing. Appropriate attire is included in this policy, which must be adhered to by students of professional nursing.

Honor Society

Gamma Nu Chapter of the international nursing honor society Sigma Theta Tau, inducts members annually. Students who achieve an overall cumulative GPA of at least 3.0 and rank within the upper third in their respective programs upon completion of half of the nursing courses are eligible for membership.

Cooperating Community Agencies

Students obtain their clinical experience in a variety of settings. There are more than 40 hospitals, nursing homes and community health agencies that cooperate with the College of Nursing.

Requirements for Progression

To enroll in the first clinical nursing course, students must be a nursing major, meet curricular prerequisites and have a minimum GPA of a 2.0 and at least a "C" in the following courses: BIOL 1102 and BIOL 1103. Additionally, students must complete all nursing courses in one semester with grades of at least "C" in each course in order to proceed to the next semester.

“And what nursing has to do is to put the patient in the best condition for nature to act upon him.”

FLORENCE NIGHTENGALE

Any student who achieves less than a "C" grade in nursing courses must repeat the course. Students also are expected to exhibit personality values and emotional characteristics consistent with a developing professional nurse role. If, after consultation and work with approved counselors, students do not meet these criteria to the satisfaction of their professors, they will not be permitted to continue the nursing program.

Retention and progression in the nursing program also is determined by the student's ability to meet successfully the requirements identified in the policy statements titled "Academic Standards for the College of Nursing" in the Undergraduate Student Handbook.

Students are placed on Risk of Non-Progression, or Progression Failure following a review process for failing to meet the academic standards of the College of Nursing. A first letter grade of below a "C" in Nursing courses or Anatomy and Physiology 1 or 2, results in Risk of Non-Progression. A second grade of below a "C" in Nursing courses or Anatomy and Physiology in the same or subsequent semesters results in Progression Failure.

Traditional Program

Nursing courses are introduced in the freshman year along with the liberal arts and sciences. This approach is used to enhance the students' exposure to the profession of nursing. This future-oriented curriculum highlights wellness and health promotion as well as disease management. Student experiences include caring for clients in a variety of settings, including acute care, hospice care, community-based agencies and day care. These exciting experiences all begin in the sophomore year.

B.S.N. Degree Requirements

The curriculum requires 127 credits for graduation and the successful completion of a comprehensive nursing exam. Professional requirements include 73 nursing credits.

Freshman**Fall Semester**

		credits
BIOL 1102	Anatomy and Physiology I	4
	Language	3
ENGL 1201	College English I	3
NUTH 1001	Group Dynamics	2
PSYC 1101	Introduction to Psychology	3
CPSY 1101	University Life	1

Spring Semester

BIOL 1103	Anatomy and Physiology II	4
ENGL 1202	College English II	3
NUTH 1002	Individual and Family Development	
	Across the Lifespan	3
SOCI 1101	Understanding Society	3
	Language	3

Sophomore**Fall Semester**

CHEM 1301	Elements of Organic and Biochemistry	5
ENGL xxxx	Literature Elective	3
MATH 1101	Statistical Concepts and Methods	3
NUTH 1003	Culture and Health	3
NUTH 1004	Dying with Dignity	2
NUTH 2001	Introduction to Professional Nursing	2

Spring Semester

BIOL 2111	Microbiology	4
NUTC 2011	Health Assessment	3
NUTC 2012	Health Promotion across the Lifespan	4
NUTH 2002	Legal Aspects of Nursing	1
NUTH 2003	Pathophysiology	3

Junior**Fall Semester**

NUTC 3013	Adult Nursing I	6
NUTH 3001	Pharmacological Therapies	2
NUTH 3002	Gerontological Nursing	2
PHIL 1105	Ethics	3
RELS/PHIL	Religion/Philosophy elective	3

Spring Semester

NUTC 3014	Dimensions of Childbearing Family	5
NUTC 3015	Dimensions of Psychosocial Nursing	5
NUTH 3003	Research in Nursing	3
NUTH 3004	Economic/Management for the Professional Nurse	3

Senior**Fall Semester**

HIST xxxx	History elective	3
NUTC 4016	Dimensions of the Childrearing Family	6
NUTC 4017	Acute Adult Nursing	6
	Elective	3

Spring Semester

NUTC 4018	Community Health Perspectives	6
NUTC 4019	Synthesis Practicum	3
NUTH 4001	Nursing Leadership	3

BIOL 1102 and 1103 must be completed with a grade of C or higher prior to NUTH 2003, NUTC 2011 and NUTC 2012. All Nursing courses must be completed with a grade of "C" or higher. These Nursing courses must be completed sequentially.

Traditional or Accelerated Program for Second Degree Students

Admission to the program is limited to students holding a baccalaureate or higher degree. All prerequisites must be completed with a grade of "C" or higher for acceptance. A minimum GPA of 3.0 is required.

Students must complete courses in Anatomy and Physiology I and II, Bio/Organic Chemistry, Microbiology, Statistics, Developmental Psychology and Ethics prior to starting this program. The program requires the completion of 64 nursing credits. The accelerated program requires 14 months to complete while the traditional second degree program takes 2 full academic years.

Accelerated Program**First Semester**

		Credits
NUTH 2001	Introduction to Professional Nursing	2
NUTH 2002	Legal Aspects of Nursing	1
NUTH 2003	Pathophysiology	3
NUTC 2001	Health Assessment	3
NUTH 3001	Pharmacology	2
NUTC 3013	Adult Nursing I	6

Second Semester

NUTH 1003	Culture and Health	3
NUTH 3002	Gerontological Nursing	2
NUTH 1004	Dying with Dignity	2
NUTC 3015	Dimensions of Psychosocial Nursing	5
NUTC 3014	Dimensions of Childbearing Family	5

Third Semester

NUTH 3003	Nursing Research	3
NUTC 4016	Dimensions of the Childbearing Family	6
NUTC 4017	Acute Adult Nursing	6
NUTH 3004	Economic Management for the Professional Nurse	3

Fourth Semester

NUTC 4019	Synthesis Practicum	3
NUTC 4018	Community Health Perspectives	6
NUTH 4001	Nursing Leadership	3

Program for Registered Nurses

Registered nurses also must complete liberal arts curriculum requirements. Credits from other colleges for non-nursing courses will be evaluated for acceptance according to University policies.

RN/BSN NURN

Area	Courses	Credits
Sciences	Anatomy and Physiology	
	Chemistry/Microbiology	8-12
English	College English I	3
	College English II	3
Languages	Language/computers/math/literature	9
Math	Statistics	3
Social Sciences	Introduction to Psychology	3
	Developmental Psychology	3
	Sociology	3
Liberal Arts	Free Electives	8-12
NCLEX-RN	Successful completion	32
ACT-PEP #407	Gerontology	3
Waivers	A.S. Degree: History/Literature	
Liberal Arts	History	3
	Ethics	3
	Religion/Philosophy	3
Nursing	NUTH 1001 Group Dynamics	2
	NUTH 1003 Culture and Health	3
	NUTC 2012 Individual/Family Health Promotion Across Lifespan	4
	NUTH 3004 Economic/Management for the Professional Nurse	3
	NUTC 2011 Health Assessment	3
	NUTH 3002 Gerontology	2
	NURN 3001 Professional Nursing I	6
	NUTH 3003 Nursing Research	3
	NURN 4017 Community Health Perspectives	5
	NURN 4020 Professional Nursing II	6

RN/BSN/Second Degree

If R.N. already has a non-nursing baccalaureate degree, these are the requirements:

Sciences	Anatomy and Physiology	
	Chemistry/Microbiology	12
Liberal Arts	Statistics	3
	Introduction to Psychology	3
	Developmental Psychology	3
	Sociology	3
NCLEX	Successful completion	32
ACT-PEP #407	Gerontology	3

Waivers	A.S. Degree	
Liberal Arts	History	3
	Literature	3
Nursing	NUTH 1001 Group Dynamics	2
	NUTH 1003 Culture and Health	3
	NUTC 2012 Individual/Family Health Promotion Across Lifespan	4
	NUTH 3004 Economic/Management for the Professional Nurse	3
	NUTC 2011 Health Assessment	3
	NUTH 3002 Gerontology	2
NURN 3001 Professional Nursing I		6
	NUTH 3003 Nursing Research	3
NURN 4017 Community Health Perspectives		5
	NURN 4020 Professional Nursing II	6

Course Descriptions**NUCL 4210 Nurse Summer Training Program Clinical Elective**

The Nurse Summer Training Program (NSTP) Clinical Elective provides Army ROTC nurse cadets with clinical experience in a hospital setting while introducing them to the duties, roles, responsibilities and expectations of an Army Nurse Corps Officer. The nurse cadet will exercise leadership skills in a hospital environment by planning, organizing, decision making, implementing and being accountable for the outcome of nursing care. Prerequisites: ROTC Basic Course; Advanced Camp; completion of all junior level nursing courses. *3 credits*

NURN 3001 Professional Nursing I

This course introduces the registered nurse student to the philosophy of nursing and the baccalaureate curriculum. The interrelationships between nursing theory, practice, education and research are discussed as foundations for understanding nursing theorists, the nursing process, and the impact of nursing research on practice. The major focus is on the use of the nursing process with individuals and families. Current and emerging roles and responsibilities of the professional nurse are compared and contrasted with other nursing roles as well as with other health professionals. *6 credits*

NURN 4017 Community Health Perspectives

Basic concepts of community health and public health are applied to identify actual and potential health problems of individuals, groups and communities. The focus will be on community-based health care, roles and functions of the community and public health nurse, developing partnerships with community organizations, healthcare delivery systems, levels of prevention and health promotion and risk models. *5 credits*

NURN 4020 Professional Nursing II

This course focuses on knowledge and skills derived from leadership and management as they are translated and integrated into professional nursing practice within the contemporary healthcare delivery system. Specific issues and trends in healthcare delivery, in general, and nursing, in particular, are analyzed. *6 credits*

NUTC 2011 Health Assessment

This course will introduce the student to the theoretical bases necessary in order to perform a comprehensive health assessment which involves obtaining and analyzing data describing a person's state of wellness, strengths relative to health promotion, and responses to actual and/or potential health deviations or clinical problems. The relationship of health assessment to the role and responsibilities of the professional nurse in the application of the nursing process will be explored. This course will focus on the theory and practice of health assessment skills, identification of deviations from the norm, and accurate documentation of findings. Emphasis is placed on the integration and application of these skills through the use of critical thinking. Prerequisite of Anatomy and Physiology completion. *3 credits*

NUTC 2012 Health Promotion Across the Lifespan

The focus of this course is health promotion and wellness for individuals across the life span. Students will implement strategies to promote healthy lifestyles and prevent injury and disease in individuals in various community settings. Content focuses on health throughout the lifespan, risk assessment and screening, and health promotion resources. Clinical content includes performing risk assessments and applying nursing interventions to assist individuals to meet their health needs and optimize health. Prerequisite of Anatomy and Physiology Completion. *4 credits*

NUTC 3013 Adult Nursing I

This course will provide the student with the knowledge base to assess a client's ability to function independently, intervene to maximize function, help the client to identify coping patterns and establish realistic outcomes. Clients with chronic disease states are examined. The nursing process is viewed as the framework to guide the students to think critically when interacting with clients in need of assistance to maintain or improve their level of health. The beginning student will be provided with a method for learning how to apply nursing theory. Clinical experiences will be provided in a variety of settings which provide opportunities for the beginning student to initiate specific nursing skills and interventions for health promotion, risk reduction, disease prevention and illness and disease management. *6 credits*

NUTC 3014 Dimensions of Nursing: The Childbearing Family

The Childbearing Family focuses on providing the student with the theoretical knowledge needed to provide care to the childbearing family. Concepts learned in previous courses will be built upon as the students design plans of care based upon theoretical and empirical knowledge of normal and selected abnormal patterns of biophysical and psychosocial growth and development of the pregnant woman, fetus, newborn and family. Clinical experiences include mother/baby units, labor and delivery, neonatal intensive care, preparation for childbirth classes, breast feeding classes and counseling, experiences at birth centers and ante-partum clinics. *5 credits*

NUTC 3015 Dimensions of Psychosocial Nursing

The major focus of this course is the development of an effective theoretical basis for nursing practice with clients with psychosocial alterations in the clinical setting. The major concepts of person, society, culture, nursing and health are amplified by way of specific emphasis upon psychosocial considerations. *5 credits*

NUTC 4016 Dimensions of Nursing: The Childrearing Family

This course focuses on giving the student a framework for evaluating developmental health care needs unique to children from birth through young adulthood with emphasis on the family context. Concepts learned in previous nursing courses will be built upon as the students design plan of care that assist families to maximize their strengths in achieving optimum health. *6 credits*

NUTC 4017 Acute Adult Nursing

This course will provide the student with the knowledge base to assess the client's ability to function independently, intervene to maximize function, to help the client identify realistic outcomes and coping with altered function with acute disease states. The nursing process is viewed as the framework to guide the students to think critically when interacting with acute care clients. Clinical experiences will be provided in a variety of settings which will enhance opportunities for the student to initiate acute nursing skills and interventions for health promotion, risk reduction, disease prevention and illness and disease management. *6 credits*

NUTC 4018 Community Health Perspectives

Basic concepts of community health and public health are applied to identify actual and potential health problems of individuals, groups and communities. The focus will be on community-based health care, roles and functions of the community and public health nurse, developing partnerships with community organizations, healthcare delivery systems, levels of prevention and health promotion and risk models. *6 credits*

NUTC 4019 Synthesis Practicum

This is a capstone clinical course for students in the traditional, accelerated, and second degree programs and serves as a transition between the role of nursing student and the role of the professional nurse. The major purpose is to increase independence in providing nursing care to groups of individuals in an acute care setting under the direct supervision of a faculty member. Students continue to implement the nursing process while caring for groups of individuals; however, the focus in this course is on the organization, delegation and supervision of care given as well as evaluation of the outcomes of care. *3 credits*

NUTH 1001 Group Dynamics

This course is designed to assist students to apply psychological, cultural and behavioral concepts to the study of group interaction. Principles of dealing with small groups in a variety of sociocultural settings are examined in order to maximize students' ability to comprehend the interactive factors that influence group behaviors and to become effective group participants. *2 credits*

NUTH 1002 Individual and Family Development Across the Lifespan

This course focuses on the theoretical perspectives of growth and development, family theories and family adaptation at different stages, as well as usual patterns of aging. Students will make assessments of individuals in various stages of life to identify developmental issues and their impact on health phenomena of interest to nursing. *3 credits*

NUTH 1003 Culture and Health

This course will focus on some of the major cultures of the world that are represented within our regional healthcare systems. Discussions and readings will include patterns of beliefs, values, behaviors and religious practices across cultures as well as examining health practices and healing behaviors of specific cultures. Culture specific strategies will be reviewed for teachings and interventions for health promotion and disease management and healthcare systems will be examined in light of meeting culture-specific needs. This course aims to increase cultural awareness, cultural sensitivity and cultural competency among healthcare students. *3 credits*

“The responsibility of a nurse is not to make people well, or to prevent their getting sick, but to assist people to recognize the power that is within them to move to higher levels of consciousness.”

MARGARET NEWMAN

has the potential to greatly reduce the burden and distress of those facing life's end and the ability to offer support for the many physical, psychological, social and spiritual needs of patients and their families. End of life care is not confined only to specific illnesses (i.e., cancer or AIDS), but rather it is essential across all life-threatening illnesses and in cases of sudden death. *2 credits*

NUTH 1112 Spirituality: Living Our Connectedness

This course is designed to present spirituality as a concept that lies beyond religious boundaries. As caregivers, nurses share both the privilege, and responsibility of awakening within themselves, the ability to be compassionate and competent caregivers. As the learning journey progresses, students will have the opportunity to explore cultural sensitivity, and the ways our differing belief systems, both religious, and otherwise, impact patient care. The importance of not only faith, but of forgiveness and hope, will be incorporated. *2 credits*

NUTH 1992-1994 Independent Study in Nursing

Opportunity to study an area or problem in nursing in greater depth and to develop the ability for self-directed learning. NUTH 1992. *1 credit*. NUTH 1993. *2 credits*. NUTH 1994. *3 credits*. Departmental permission required. *1/2/3 credit*

NUTH 2001 Introduction to Professional Nursing

This course is designed to introduce the student to the art and science of nursing, as well as, the philosophy of the College of Nursing. The historical development of nursing and nursing education is discussed. Person, environment and health are examined as central concepts in nursing theories as well as the interrelationships between nursing theory, practice, research and education. Students are introduced to the nursing process as a means for designing and delivering nursing care. Selected ethical issues and trends will be discussed as they relate to current nursing practice. *2 credits*

NUTH 2002 Legal Aspects of Nursing

This course reviews the rights, privileges and obligations of nurses in their relationship to each other, their employers, their patients, and all providers of health care. Emphasis is placed on developing the ability of the nurse to recognize and apply relevant legal concepts to insure his/her legal safety while providing optimal patient care. *1 credit*

NUTH 2003 Pathophysiology

This course focuses on human response patterns, common to all ages, to internal and external stresses that result in physiological alterations. Subsequent nursing courses will focus upon nursing care component, integrating the student's knowledge of these physiological alterations. This theory course is based upon physiological alterations and thus permits intensive study of concepts that will act as advanced organizers to change generalizations into usable scientific knowledge applicable to nursing. Prerequisite of Anatomy and Physiology completion. *3 credits*

NUTH 3001 Foundations of Pharmacological Therapy

Focus on pharmacological therapy and the role of the nurse in drug management with consideration to social, economic and the technological changes in administering medications safely. Categories of drugs, including prototypes, related to each body system/drug function are studied. Emphasis is on developing the knowledge base and critical thinking abilities necessary to care for clients receiving medication therapy. *2 credits*

NUTH 3002 Gerontological Nursing

This course will focus on the aging process from both biological and social perspectives. Discussions will include patterns of normal aging as well as common pathological conditions and health problems faced by the elderly. Health promotion, health maintenance, and restorative nursing are emphasized as well as adaptations in self-care required as a result of age-related changes and chronic illness. *2 credits*

NUTH 3003 Research In Nursing

This course introduces the undergraduate nursing student to the research process and ethical issues related to nursing research. The student will acquire skills necessary to read, interpret, evaluate and critically analyze nursing research studies in view of their use in nursing practice. *3 credits*

NUTH 3004 Economic Management for the Professional Nurse

This course will focus on the structural, financial and managerial foundations of integrated healthcare delivery systems. Students will identify major revenue streams, payer sources, and regulatory topics such as entitlement programs, DRGs, and prospective payment systems. The basic concepts of insurance, utilization and case management, and contractual commitments will be covered. Content focuses on developing broad knowledge of the emerging issues facing nurses in management and operations positions. Students will analyze the interactions of integrated delivery systems with the financing of healthcare, regulation, competition and organizational innovation. *3 credits*

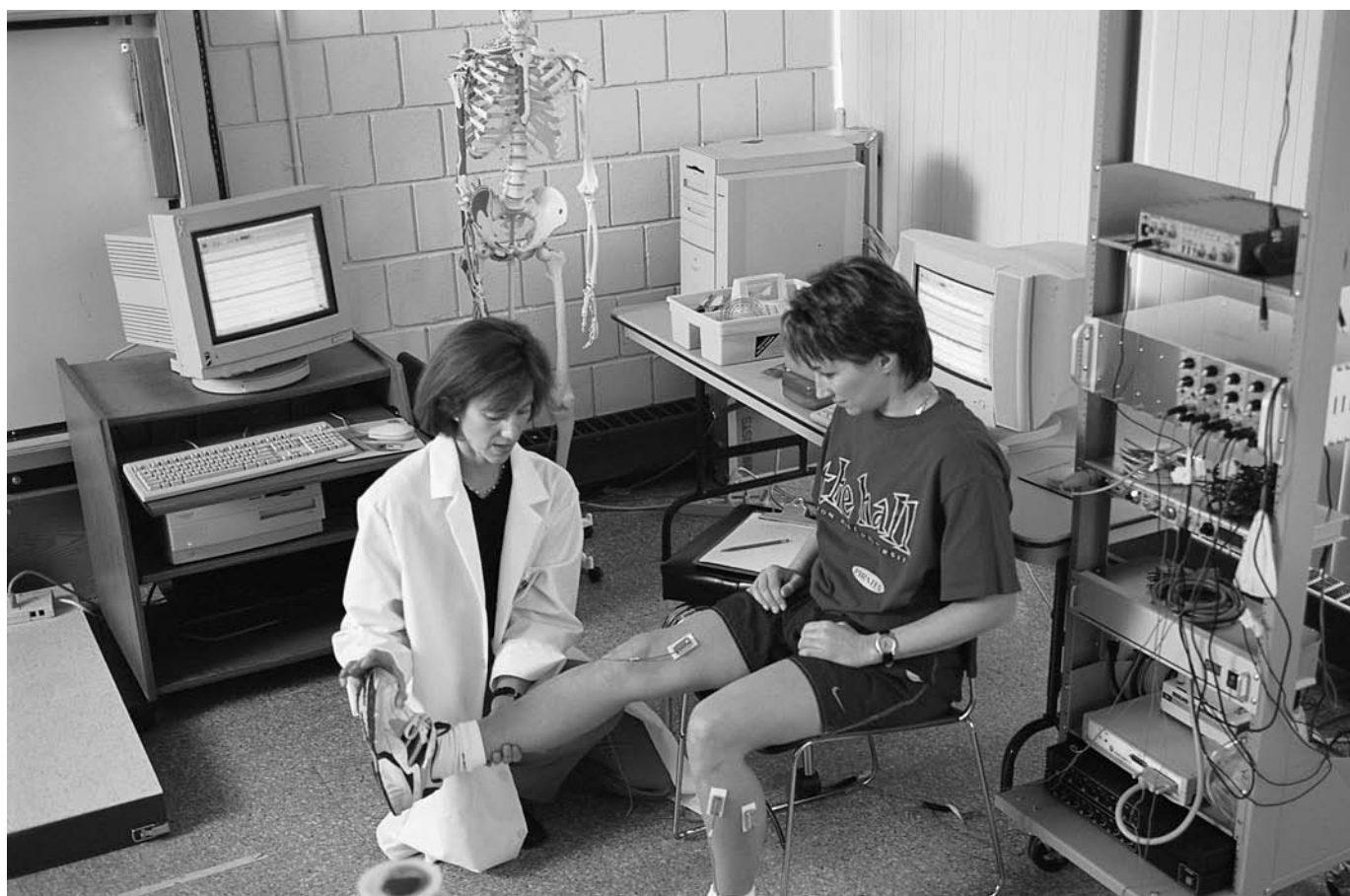
NUTH 4001 Leadership, Management and Trends in Nursing

This course focuses on knowledge and skills derived from leadership and management as they are translated and integrated into professional nursing practice and in nursing are analyzed within the contemporary healthcare delivery system. Specific issues and trends in healthcare delivery, in general. *3 credits*

NUTH 4118 Advanced Concepts in Adult Nursing

Focuses on advanced concepts related to adult nursing. The case study method is utilized as a framework for promoting critical thinking as it relates to the care of clients and families with multiple, complex needs. Students analyze selected case studies and develop nursing systems for clients and families. High risk populations, such as the aged, chronically ill, and those with multiple illnesses (T.B., HIV, cancer) will be examined. *3 credits*

School of Graduate Medical Education



McQuaid Hall
(973) 275-2800
gradmeded.shu.edu

Dean: T.B.A.

Associate Dean: John W. Sensakovic, M.D., Ph.D.

Associate Dean: Brian B. Shulman, Ph.D., CCC-SLP, ASHA Fellow

Departments and Programs:

Athletic Training:

Carolyn Goeckel, M.A., ATC, *Program Director*

Graduate Programs in Health Sciences:

Genevieve Pinto-Zipp, PT, Ed.D., *Chair*

Occupational Therapy: Ruth Segal, Ph.D., OTR, *Chair*

Physical Therapy: Marc Campolo, PT, Ph.D., SCS, ATC, CSCS, *Program Director*

Physician Assistant: Carol Biscardi, PA-C, M.S., *Chair*

Speech-Language Pathology: Brian B Shulman, Ph.D, CCC-SLP, ASHA Fellow, *Interim Chair*

Continuing Professional Development:

Faculty: Abuhuziefia Abubakr, M.D.; Mary Alexander, PT, M.S., PCS; Venugopal Balasubramanian, Ph.D., CCC-SLP; Carol Biscardi, PA-C, M.S.; Lee Cabell, Ed. D.; Sulie Chang, Ph.D.; Marc Campolo, PT, Ph.D., SCS, ATC, CSCS; Nina

Capone, Ph.D., CCC-SLP; Theresa A Cardillo, M.A., CCC-SLP; MaryAnn Clark, Ed.D., Robert Clarke, Ph.D., CCC-SLP; Catherine Noble Colucci, M.A.,OTR; Vikram Dayalu, Ph.D; Deborah DeLuca, J.D.; Irene De Masi, PT, DPT; Robert Faraci, Ph.D, OTR/L; Susan Fowler, R.N., Ph.D.; Anthony F. Friendly, PA-C, M.S.; Sally Ann Giess, Ph.D, CCC-SLP; Martin Gizzi, M.D., Ph.D.; Diana Glendinning, Ph.D.; Carolyn Goeckel, M.A., ATC; Raji Grewal, M.D.; Gad Hakarem, M.D.; Christopher J. Hanifin, PA-C, M.S.; Phillip Hanna, M.D.; Subramanian Hariharan, M.D.; Nancy Isenberg, M.D., Ph.D.; Phillip Kramer, M.D.; Joseph Landolfi, D.O.; Bogdan Langner, PA-C, MPAS; Catherine Maher, PT, M.S., GCS; Ellen D Mandel, PA-C, M.S., MPA, RD; Brett A. Martin, Ph.D., CCC-A, FAAA; John Mitchell, Ph.D.; Joseph Monaco, PA-C, MSJ; Valerie Olson, PT, Ph.D.; Robert Orlikoff, Ph.D., CCC-SLP; Nikolaos Papamitsakis, M.D.; H. James Phillips, PT, M.S., ATC, OCS; Meryl Picard, M.S.W., OTR; Kim Poulsen, PT, DPT; Gregory Przybylski, M.D., Ph.D., A.B.M.; Michael Rosenberg, M.D.; Ruth Segal, Ph.D., OTR; Kelly J. Shea-Miller, Ph.D., CCC-A, FAAA; Brian B. Shulman, Ph.D., CCC-SLP, ASHA Fellow; Susan Simpkins, PT, Ed.D.; Thomas Sowa, Ph.D.; Doreen Stiskal, PT, Ph.D.; Elizabeth Torcivia, M.P.A., OTR; Mary E. Ubinger-Murray, M.A., ATC; Arthur Walters, M.D.; Ilse Wambacq, Ph.D.; Genevieve Pinto-Zipp, PT, Ed. D.

The School of Graduate Medical Education offers three distinct educational programs for healthcare professionals: residency and fellowship training for physicians and dentists; continuing medical education for primary care providers and practicing specialists; and graduate programs in health sciences. By design, the programs are intended to prepare healthcare practitioners to competently, competitively and creatively function in a dynamic healthcare environment.

General Information

The School of Graduate Medical Education, established in 1987, is a professional school within the University structure. The School's mission is to prepare healthcare professionals to assume leadership roles in the healthcare arena. To achieve this goal, a variety of unique and innovative educational programs are offered utilizing a multi-institutional/integrated approach to graduate education. The School comprises three distinct educational programs: residency and fellowship training, continuing professional development and graduate programs in health sciences.

Residency programs offer training for physicians and dentists in specialty areas such as internal medicine, surgery, orthopedics, dentistry, oral and maxillofacial surgery, podiatry, AOA internship, internal medicine and emergency medicine. There also is subspecialty training available for qualified candidates who have completed the appropriate prerequisite training. All residency and fellowship programs are ACGME, AOA, APMA, ADA accredited. The training occurs at participating institutions: Saint Michael's Medical Center in Newark; St. Joseph's Regional Medical Center in Paterson; Trinitas Hospital in Elizabeth; St. Francis Medical Center in Trenton and John F. Kennedy Medical Center in Edison. The hospitals and the University jointly attest to the successful completion of the residency training through issuance of a certificate.

Continuing professional development is a program designed to provide updating of the most useful recent advances in the diagnosis and management of medical and physical disorders as they are encountered by primary healthcare providers and practicing specialists. The University and the participating hospitals offer these updates in the form of conferences, seminars, courses, workshops and mini-residency experiences.

The School offers dual degree (undergraduate-to-graduate) programs in athletic training, occupational therapy, physical therapy, physician assistant, and speech-language pathology in collaboration with the College of Arts and Science (Department of Biology/Department of Social and Behavioral Sciences) and the College of Education and Human Services (Program in Special Education). For detailed information about these programs, please consult the pages that follow in this section of the Catalogue as well as the sections pertaining to the departments noted above.

At the graduate level, the School offers several innovative graduate programs in the health sciences. These programs are designed to provide individuals with an enhanced knowledge base through a flexible and diverse curriculum. Two post-professional graduate programs in the health sciences are offered: M.S. and Ph.D. in Health Sciences. The School offers programs leading to the degrees Doctor of Philosophy in Health Sciences with special-

izations in health professions leadership, movement science and speech-language pathology; Master of Science in Health Sciences with specializations in movement science, health professions leadership and athletic training. Graduate courses may be offered at off-campus sites.

The School of Graduate Medical Education offers a Master of Science in Occupational Therapy program designed to prepare knowledgeable, caring healthcare practitioners who can provide a broad range of patient care services, conduct clinical research and carry out administrative responsibilities in all occupational therapy practice areas.

The Master of Science in Physician Assistant program prepares post-baccalaureate students to perform as entry-level physician assistants in the broad healthcare arena.

The School offers a Master of Science in Speech-Language Pathology. The program prepares practitioners with advanced/specialized curricular tracks in neurologically based communication disorders in adults and speech and language disorders in the infant-toddler, preschool and school-age populations.

The School offers the first Master of Science in Athletic Training in New Jersey, and one of only a few entry-level master's programs in the country. The program prepares practitioners to provide athletes with services such as injury prevention education, evaluation of athletic training trauma, immediate care, treatment and rehabilitation.

The School offers a Doctor of Physical Therapy program. The program is intended to prepare physical therapists to assume leadership roles in rehabilitation services, prevention and health maintenance programs, and professional and community organizations.

Class Attendance and Academic Integrity

Attendance at each class meeting is expected. Instructors may take class attendance into account when determining grades.

All forms of dishonesty, whether by act or omission, including, but not limited to, cheating, plagiarism and knowingly furnishing false information to the University, are prohibited. Intentional disruption or obstruction of teaching, research or administrative proceedings is prohibited. University sanctions may extend to suspension and dismissal. Work submitted in courses must be the product of the efforts of the student presenting it, and contributions of others to the finished work must be appropriately acknowledged. The presentation of another's work as one's own is a serious violation of the academic process, and it is penalized accordingly. The decision on the appropriate penalty is in the first instance the professor's, and it may extend to a failing grade for the course.

Department of Speech-Language Pathology

McQuaid Hall
(973) 275-2825

gradmeded@shu.edu
gradmeded.shu.edu/graduateprograms/mslp.html

Interim Chair: Brian B Shulman, Ph.D, CCC-SLP, ASHA Fellow

Preparatory Undergraduate Course Sequence in Speech-Language Pathology

The Department of Speech-Language Pathology offers an 18-credit undergraduate preparatory course sequence in speech-language pathology to individuals who hold a baccalaureate degree in a field other than speech-language pathology, communication disorders, or speech and hearing science. It is not a degree granting program. Successful completion of the course sequence in speech-language pathology does not, in any way, guarantee admission to the Master of Science in Speech-Language Pathology program at Seton Hall University. Students interested in this program must complete a separate graduate admission application. Students enrolled in the undergraduate preparatory course sequence in speech-language pathology are expected to complete these preparatory courses in one academic year (i.e., Fall, Spring, Summer). Undergraduate preparatory courses in speech-language pathology are offered once per year. This 18-credit undergraduate course sequence comprises the following seven courses:

GMSL 5000	Introduction to Speech and Hearing Science (3 credits)
GMSL 5001	Phonetics (3 credits)
GMSL 5002	Anatomy and Physiology of the Speech and Hearing Mechanism (3 credits)
GMSL 5003	Introduction to Language Development (3 credits)
GMSL 5004	Introduction to Audiology (3 credits)
GMSL 5007	Introduction to Communication Disorders (3 credits)

Course Descriptions

GMSL 5000 Introduction to Speech and Hearing Science

Basic foundation in the anatomy and physiology of the auditory mechanism, basic acoustic principles, physics of sound and speech perception. *3 credits*

GMSL 5001 Phonetics

Introduction to the field of phonetics, including general phonetics, acoustic phonetics and phonetic transcription (International Phonetic Alphabet). Provides basic understanding of the production and acoustic characteristics of the consonants and vowels of American English. Addresses segmental and suprasegmental properties of spoken language. *3 credits*

GMSL 5002 Anatomy and Physiology of the Speech and Hearing Mechanism

Basic foundation of anatomy and physiology of the speech, swallowing and hearing mechanisms and related systems in the context of application to clinical practice. *3 credits*

GMSL 5003 Introduction to Language Development

Basic foundation of language development, the processes underlying language development and related theoretical foundations. Language development is presented within the broader context of child development, with an emphasis on the early years. *3 credits*

GMSL 5004 Introduction to Audiology

Overview of the important concepts and principle tests used in clinical audiology. Common pathologies of the auditory system and associated audiometric data are also emphasized. *3 credits*

GMSL 5007 Introduction to Communication Disorders

This course provides the student with an introduction to the various disorders of the speech and language mechanisms that speech-language pathologists assess and treat. *3 credits*

Dual Degree Programs

Dual degree programs offer students acceptance into a course of study beginning in the freshman year as an undergraduate and culminating with a graduate degree. In fact, dual degree students receive a baccalaureate degree at the end of three or four years (depending on the health sciences program) followed by a graduate degree three or four years later. If the required GPA is maintained as an undergraduate, students are guaranteed admission into the final years of professional study.

The School of Graduate Medical Education, in collaboration with other schools and colleges at the University, offer the following dual degree programs:

Department of Occupational Therapy

3+3 Dual Degree Programs

- Bachelor of Arts in Social and Behavioral Sciences and Master of Science in Occupational Therapy
- Bachelor of Arts in Business Administration and Master of Science in Occupational Therapy

For Social and Behavioral Sciences/Occupational Therapy Program description, see page 182.

For Business Administration/Occupational Therapy Program description, see page 197.

Department of Physical Therapy and Sports Science

Athletic Training

3+3 Dual Degree Programs

- Bachelor of Science in Biology and Master of Science in Athletic Training
- Bachelor of Science in Social and Behavioral Sciences and Master of Science in Athletic Training

For Biology/Athletic Training Program description, see page 96

For Social and Behavioral Science/Athletic Training Program description, see page 184.

Physical Therapy

3+4 Dual Degree Program

- Bachelor of Science in Biology and Doctor of Physical Therapy

See page 93 for program description.

Department of Physician Assistant

3+3 Dual Degree Program

- Bachelor of Science in Biology and Master of Science in Physician Assistant

See page 95 for program description.

Department of Speech-Language Pathology

4+2 Dual Degree Program

- Bachelor of Science in Special Education and Master of Science in Speech-Language Pathology

See page 249 for program description.

SetonWorldWide

Jubilee Hall
(888) SETONWW
(973) 313-6360

www.setonworldwide.net

Director: Philip DiSalvio, Ed.D.

The online degree programs offered through SetonWorldWide are designed for professionals who have demonstrated significant achievement in their respective fields, and who have the ability, desire and dedication to accept the rigors of a fast-paced, challenging curriculum.

Utilizing an Internet-based online delivery system, these degree programs offer the student a true collegial experience. Students join a community of learners in their chosen program and proceed as a group through the entire program. Completing nursing program course requirements online, students are able to earn a degree while continuing to meet professional and personal commitments.

The SetonWorldWide Mission

SetonWorldWide, the online campus of Seton Hall University, serves the educational aspirations and professional needs of students from across the nation and around the world. Seton Hall is committed to utilizing the technological advantages that Internet-based delivery affords for the benefit of our students and the advancement of the teaching and learning process.

The SetonWorldWide Philosophy

A primary factor in any educational process is the quality of interaction among students and faculty. SetonWorldWide believes that distance in education is not defined by the geographic separation of the learner and teacher, but by the dialogue and structure associated with that educational process. If interaction is not present, the instructor and the community of learners can be considered “distant” even if they are in the same room. Alternately, in the presence of dialogue, the instructor and learners can be in close contact, even if they are physically miles apart. At the heart of all SetonWorldWide programs, is the importance of constant and ongoing interaction between faculty and students. The academic quality of interaction, enabled by the technology, is an important distinction that marks the superior character of the SetonWorldWide online programs.

Student Commitment

The online degree programs offered through SetonWorldWide are designed for working professionals who can benefit from “anytime, anywhere” learning. Acknowledging that these students are particularly able to integrate what has already been learned in their careers, SetonWorldWide recognizes that as members of an active community of learners, these students, along with the faculty and members of the instructional teams, are interrelated and interdependent. These relationships are key to a rich and dynamic online learning experience and each student is a vital link in the overall success of that experience.

Current Online Degree Programs

- Master of Arts in Counseling
- Master of Arts in Strategic Communication and Leadership
- Master of Healthcare Administration
- Master of Arts in Education Leadership, Management and Policy
- Master of Science in Nursing (Nurse Practitioner Program and Health Systems Administration Program)
- Bachelor of Science in Nursing for Registered Nurses (Nursing program course requirements are offered online.)

Tuition

A deposit of \$500 is required on admission to the program. This NONREFUNDABLE deposit guarantees space in the program, and is credited towards the total cost of the program. Financial aid payment plans are available for students interested in paying their tuition on a monthly basis. Students must file the FAFSA on the Web as a first step in applying for a Stafford Loan. Complete tuition and financial aid information can be found on the SetonWorldWide Web site at www.setonworldwide.net

SetonWorldWide Program Application

Please refer to Graduate Program descriptions and curriculum in the *Graduate Catalogue*.

Bachelor of Science in Nursing for RNs

Academic Director: Linda Ulak, Ed.D., R.N.

The online R.N./B.S.N. program is designed for the busy R.N. graduate of an associate degree or diploma nursing program seeking to obtain a Bachelor of Science in Nursing. In total, the program requires 125 credit-hours for graduation. These credit-hours include 56 Arts and Sciences credit-hours, 34 nursing credit-hours and 32 credit-hours granted for obtaining R.N. licensure. Three credits for Health Assessment will be waived with proof. Working with an adviser, students will be guided in the selection of the appropriate courses to meet the degree requirements. Only nursing credit-hours are offered online.

The Online R.N./B.S.N. program has both theory and clinical components. Theory course work is completed in the online format and the clinical component is completed in the student's choice of settings, with faculty consultation.

Program Description

The online R.N./B.S.N. program is for registered nurses who have graduated from either a diploma or an associate degree nursing program and would like to have their baccalaureate degree in nursing (B.S.N.). The online R.N./B.S.N. program is administered through the Seton Hall University College of Nursing. Accredited by the National League of Nursing and the Commission on Collegiate Nursing Education, the online

R.N./B.S.N. program is a rigorous, high-quality undergraduate degree program developed for the R.N. who seeks to obtain the B.S.N. degree.

Strategies that Support Learning

The online program is identical to the on-campus program and at current distant learning sites throughout New Jersey. While the online R.N./B.S.N. and the on-campus course objectives are the same, the instructional delivery methodologies in the online degree program differ. Instructional delivery is primarily Web-based in a password-protected environment. The coursework is supplemented through a learning package that may include audio, video or other media.

Tuition

A deposit of \$500 is required on admission to the program. This NONREFUNDABLE deposit guarantees space in the program, and is credited towards the total cost of the program.

Financial Aid

Financial Aid payment plans are available for students interested in paying their tuition on a monthly basis or those interested in a loan program. Please visit the College of Nursing Web site at nursing.shu.edu and the SetonWorldWide site at www.setonworldwide.net for complete tuition and financial aid information.

Admission Requirements

In addition to having completed a diploma or associate degree in Nursing, the following are needed for acceptance into the program:

- a completed application with a \$45 non-refundable fee. Online applications (\$50) are available;
- a GPA of 2.5 or equivalent;
- two letters of recommendation from academic and professional references; and
- resume or curriculum vitae.

Program Design and Curriculum

The entire program requires 125 credits for graduation.

- 56 credits for Arts and Sciences — can be credited to the student, based on what has been accomplished in the student's diploma or associate degree program; Some of these core courses are now offered online through the College of Arts and Sciences.
- 32 credits can be granted towards the R.N. licensure;
- 3 credits can be granted towards proof of current Health Assessment Skills; and
- The remaining 34 credit nursing courses are earned online through the SetonWorldWide R.N. to B.S.N. Online Program.

The R.N. to B.S.N. online courses encompass both theory and clinical components. The student's clinical experience will be at geographic location of the student's choice, with guidance from a faculty adviser.

For additional information, visit the SetonWorldWide Web site at www.setonworldwide.net or contact Fellella Millman, M.S.N., R.N., assistant academic director, at (973) 275-2118 or e-mail millmafe@shu.edu, or contact Wendy Lin-Cook, assistant program director, at (973) 275-2359 or e-mail lincoowe@shu.edu

Courses

NURN 3001	Professional Nursing I
NURN 4017	Community Health Perspectives
NURN 4020	Professional Nursing II
NUTC 2012	Health Promotion Across the Lifespan
NUTH 1001	Group Dynamics
NUTH 1003	Culture and Health
NUTH 3002	Gerontological Nursing
NUTH 3003	Research in Nursing
NUTH 3004	Economic Concepts for the Professional Nurse

Directory

Contact Information

Seton Hall University

400 South Orange Avenue
South Orange, NJ 07079

Academic Resource Center, Ruth Sharkey

Arts and Sciences Hall
(973) 761-9108
Director: Mary Wislocki

Academic Services

Presidents Hall
(973) 761-9363
Manager: Ann Sarno

Accounting and Taxation, Department of

Jubilee Hall
(973) 761-9235
Chair: David Gelb

Administration, Business Affairs and Auxiliary Services

Bayley Hall
(973) 761-9615
Assistant Vice President: Roger Demareski

Administration, Office of the Executive Vice President

Presidents Hall
(973) 275-2830
Executive Vice President for Administration: Sister Paula M. Buley, IHM

Adult Nursing, Department of

Schwartz College of Nursing Building
(973) 761-9275
Chair: Phyllis Russo

Affirmative Action

Presidents Hall
(973) 761-9284
Contact: Richard Hill

Africana and Diaspora Studies, Department of

Arts and Sciences Hall
(973) 761-9411
Coordinator: Joseph R. Marbach

Alberto Italian Studies Institute

Walsh Library
(973) 275-2928
Director: William J. Connell

Alumni Mentoring

Bayley Hall
(973) 761-9355
Director: Jacqueline Chaffin

Alumni and Government Relations, Department of

Ring Building
(973) 378-9822
Assistant Vice President: Matthew Borowick

American Humanics

Arts and Sciences Hall
(973) 761-9384, (973) 275-2874
Co-Chairs: Joseph R. Marbach, Roseanne Mirabella

Archives, University

Walsh Library
(973) 761-9476
Contact: Alan B. Delozier

Art and Music, Department of

Art Center and Corrigan Hall
(973) 761-9459 Art, Art Center,
(973) 761-9417 Music, Corrigan Hall
Chair: Arline Lowe

Arts Administration, M.P.A. in

Jubilee Hall
(973) 761-9510
Chair: Jonathon Engel

Arts and Sciences, College of

Fahy Hall
(973) 761-9022 (Main)
(973) 761-9430 (Graduate)
Dean: Molly Easo Smith
Associate Dean for Undergraduate Studies and Curriculum:
W. King Mott
Associate Dean for Graduate Studies and Curriculum:
Jeffrey Togman

Asia Center, The

Fahy Hall
(973) 761-9072

Asian Studies, Department of

Fahy Hall
(973) 761-9464
Chair: Edwin Pak-Wah Leung

Athletic Training Program

Alfieri Hall
(973) 275-2826
Program Director: Carolyn Goeckel

Athletics and Recreational Services, Department of

Richie Regan Recreation and Athletic Center
(973) 761-9498

Audiology Program

McQuaid Hall
(973) 275-2825

Bilingual Program

Jubilee Hall
(973) 761-9617
Director: Juan Cobarrubias

Biology, Department of

Mooney Hall
(973) 761-9044
Chair: Carolyn S. Bentivegna

254 Directory

Board Affairs, Office of

Presidents Hall
(973) 761-9203
Secretary Designee to the Board of Regents:
Reverend Anthony Figueiredo

Budget Office

Bayley Hall
(973) 761-9316
Director: Mary Ann L. Hart

Business Administration, Master of

Jubilee Hall
(973) 761-9222

Business Affairs and Auxiliary Services

Bayley Hall
(973) 761-9002
Director: Dan Taylor

Campus Ministry

Boland Hall
(973) 761-9545
Director: Reverend James F. Spera

Campus Tours

Bayley Hall
(973) 761-9332
1-800-THE-HALL (843-4255)

Card Access Services (I.D. Office)

Duffy Hall
(973) 761-9771
Director: Mary V. Goff

Career Center, The

Bayley Hall
(973) 761-9355
Director: Jacqueline Chaffin

Catholic School Leadership Program

Jubilee Hall
(973) 275-2854
Director: Reverend Kevin M. Hanbury

Catholic Studies, Center for

Fahy Hall
(973) 275-2175
Director: Monsignor Richard Liddy

Center for Alcohol and Other Drug Prevention

Mooney Hall
(973) 275-2802
Coordinator: Ronda J. Wolfe

Center for Applied Catalysis

McNulty Hall
(973) 761-9033
Executive Director: Robert L. Augustine
Technical Director: Setrak K. Tanielyan

Center for Public Service

Jubilee Hall
(973) 761-9501
Director: Naomi Wish

Chemistry and Biochemistry, Department of

Duffy Hall
(973) 761-9414
Chair: Nicholas H. Snow

Circulation Desk

Walsh Library
(973) 761-9435

Classical Studies, Department of

Fahy Hall
(973) 275-5822
Chair: Frederick J. Booth

College Seminary Program

Corrigan Hall
(973) 761-9420
Rector: Monsignor Joseph R. Reilly

Communication, Department of

Fahy Hall
(973) 761-9474
Chair: Peter Reader

Community Development, Department of

Bishop Dougherty University Center
(973) 761-9076
Dean: Dawn Williams

Compliance Office

Presidents Hall
(973) 313-6132
Compliance Officer: James Gillison

Computer Training Center

Walsh Library
(973) 275-2164
Manager: William Otskey

Computer Science, Department of Mathematics and

Arts and Sciences Hall
(973) 761-9466
Chair: Bert Wachsmuth

Computing and Decision Sciences, Department of

Jubilee Hall
(973) 761-9250
Chair: David Rosenthal

Controller

Bayley Hall
(973) 761-9318
Controller: John Passaro

Counseling Services

Mooney Hall
(973) 761-9500
Director: Gail Pakalns
Associate Director: Katherine Evans

Criminal Justice, Department of

Arts and Sciences Hall
(973) 761-9170
Chair: Lonnie Athens

Development, Department of

Ring Building
(973) 378-2635
Assistant Vice President: James Damron

Disability Support Services

Duffy Hall
(973) 313-6003
Director: Linda Walter

Economics, Department of

Jubilee Hall
(973) 761-9356
Chair: John J. Dall Jr.

Education, Graduate Administrative Services

Jubilee Hall
(973) 275-2854
Associate Dean: Reverend Kevin Hanbury
Associate Dean: Manina Urgolo Huckvale

Education and Human Services, College of

Jubilee Hall
(973) 761-9025
Dean: Joseph V. De Pierro

Education Leadership, Management and Policy

Jubilee Hall
(973) 761-9397
Chair: Charles P. Mitchel

Educational Opportunity Program

Alfieri Hall
(973) 761-9161
Acting Director: Erwin Ponder

Educational Partners in Catholic Schools (EPICS)

Jubilee Hall
(973) 275-2854
Director: Reverend Kevin M. Hanbury

Educational Studies, Department of

Jubilee Hall
(973) 761-9394
Chair: William McCartan

Educational Talent Search Project

Presidents Hall
(973) 761-9230
Associate Dean: Erwin Ponder

English, Department of

Fahy Hall
(973) 761-9388
Chair: Mary McAleer Balkun

English as a Second Language Program

Jubilee Hall
(973) 761-9394
Director: William McCartan

Enrollment Services

Bayley Hall
1-800-THE-HALL (843-4255), (973) 761-9332
Associate Vice President: Thomas Green

Entrepreneurial Studies, Center for

Jubilee Hall
(973) 275-2251
Director: Susan Scherreik

Environmental Studies Program

Jubilee Hall
(973) 275-2868
Director: Michael A. Taylor

Facilities Engineering

Facilities Office
(973) 761-9454
Director: Steve Kurtyka

Family and Community Health Nursing, Department of

Schwartz College of Nursing Building
(973) 761-2154
Chair: Kathleen A. Sternas

Finance and Information Technology, Division of

Bayley Hall
(973) 761-9011
Vice President: Dennis J. Garbini

Finance and Legal Studies, Department of

Jubilee Hall
(973) 761-9127
Chair: Anthony L. Loviscek

Financial Affairs

Bayley Hall
(973) 761-9318
Assistant Vice President: Craig Becker

Financial Aid

Bayley Hall
1-800-THE-HALL (843-4255), (973) 761-9332

Financial Development

Bayley Hall
(973) 275-2312

Freshman Studies and Special Academic Programs

Mooney Hall
(973) 761-9740
Dean: Tracy Gottlieb

256 Directory

General Counsel

Presidents Hall
(973) 761-9190

Gerontology, Multi-Disciplinary Certificate in

Arts and Sciences Hall
(973) 761-9471
Director: Emma G. Quartaro

Graduate Medical Education, School of

McQuaid Hall
(973) 275-2800
Dean: David L. Felten

Graduate Student Association

Bishop Dougherty University Center
(973) 275-2937

Graduate Studies and Special Programs

Jubilee Hall
(973) 761-9393
Director: Rosemary W. Skeeel

Graduate Studies Support Services

Presidents Hall
(973) 761-9699

Grants Accounting Office

Bayley Hall
(973) 761-9324
Contact: Kathy Decker

Grants and Research Services, Office of

Presidents Hall
(973) 313-6314
Director: Robert De Martino
IRB Director: Mary Ruzicka

Health Professions

Mooney Hall
(973) 761-9487
Director: Gerald Ruscigno

Health Sciences, Graduate Programs in

McQuaid Hall
(973) 275-2076
Chair: Genevieve Pinto-Zipp

Health Services

303 Centre Street
(973) 761-9175
Director: Gail Pakalns
Associate Director: Joan Osthus

Health/Counseling Services, Department of

Mooney Hall
(973) 761-9500
Director: Gail Pakalns

Help Desk, Technology

Corrigan Hall
(973) 275-2222
Manager: Michael Hajduk

History, Department of

Fahy Hall
(973) 761-9000 ext. 5095
Chair: Maxine N. Lurie

Housing and Residence Life, Department of

Duffy Hall
(973) 761-9172

Human Resources, Department of

Presidents Hall
(973) 761-9621
Vice President: Deborah Raikes-Colbert

Immaculate Conception Seminary Library

Lewis Hall
(973) 761-9584
Director: Monsignor James C. Turro

Information Technology Services

Corrigan Hall
(973) 275-2490
Executive Director: Bernd Walter

Institute for Service Learning

Arts and Sciences Hall
(973) 275-2874, (973) 761-9384
Co-Chairs: Joseph R. Marbach, Roseanne Mirabella

Institute on Work

Presidents Hall
(973) 313-6103
Director: William J. Toth

Internal Audit

Bayley Hall
(973) 761-9731
Director: Michael Garcia

International Business, The Institute for

Jubilee Hall
(973) 761-9259
Director: Héctor R. Lozada

International Institute for Clergy Formation

Marshall Hall
(973) 761-9739
Director: Monsignor Joseph R. Reilly

International Programs, Office of

Fahy Hall 246
(973) 761-9081, (973) 761-9072
Faculty Adviser: Jürgen W. Heinrichs

Internships/Cooperative Education

Bayley Hall
(973) 761-9355
Director: Jacqueline Chaffin
Associate Director: Reesa Greenwald

Jewish-Christian Studies, Department of

Fahy Hall
(973) 761-9751
Chair: Rabbi Asher Finkel

Judaean-Christian Studies, The Institute of

Fahy Hall
(973) 761-9751
Director: Reverend Lawrence E. Frizzell

Latino Institute, Joseph A. Unanue

Fahy Hall 246
(973) 761-9422

Law, School of

One Newark Center
Newark, NJ 07102
(973) 642-8747 (Admissions), (973) 642-8750
Dean: Patrick E. Hobbs

Leadership Studies, The Center for

Jubilee Hall
(973) 275-2528
Director: Lisa McCauley Parles

Learning Resources and Computer Lab, Nursing

Schwartz Hall
(973) 761-9293
Director: Mary Ann Scharf

Legal Studies in Business, Minor in

Jubilee Hall
(973) 275-2544
Adviser: Susan O'Sullivan

Liberal Studies Program

Fahy Hall
(973) 761-9488
Director: William A. Smith Jr.

Management, Department of

Jubilee Hall
(973) 761-9360
Chair: Jason Z. Yin

Marketing, Department of

Jubilee Hall
(973) 761-9242
Chair: Joseph Wisenbilt

Mathematics and Computer Science, Department of

Arts and Sciences Hall
(973) 761-9466
Chair: Bert Wachsmuth

Military Science, Department of

Mooney Hall
(973) 761-9446
Chair: Lieutenant Colonel Madel A. Abb

Military Science Reserve Officer's Training Corps

Mooney Hall
(973) 763-3078

Mission and Ministry, Office of

Presidents Hall
(973) 313-6187
Executive Director: Reverend Anthony Figueiredo

Modern Languages, Department of

Fahy Hall
(973) 761-9464
Chair: Daniel Zalacain

Multicultural Program

Fahy Hall
(973) 275-2768
Director: Christopher Sharrett

Museum Professions, M.A. in

Art Center
(973) 761-7966
Director: Petra ten-Doesschate Chu

M.A. Program in Nursing Education and Combination

M.S.N./M.A. Program
Schwartz Building
(973) 761-9266

New Jersey Center for Civic and Law-Related Education, The

Jubilee Hall
(973) 761-9093
Director: Arlene Gardner

New Jersey State Police Graduate Studies Program

Jubilee Hall
(973) 761-9223
Director: Reverend Christopher Hynes

New Student Orientation

Bishop Dougherty University Center
(973) 275-2937

Nonprofit Organization Management, M.P.A. in

Jubilee Hall
(973) 761-9510
Chair: Jonathan Engel

Nonprofit Sector Resource Institute

Jubilee Hall
(973) 761-9501

Nursing, College of

Caroline DiDonato Schwartz College of Nursing Building
(973) 761-9306, (973) 761-9014
Dean: Phyllis Shanley Hansell

Occupational Therapy Program

McQuaid Hall
(973) 761-7145

258 Directory

Parking Services

Duffy Hall
(973) 761-9329
Manager: Ann Szipszky

Payroll

Bayley Hall
(973) 761-9364
Manager: Nina Champion

PC Support Services

Corrigan Hall
(973) 761-9551
Director: John Fernandes

Peer Health Education

University Center
(973) 275-2801
Advisor: Ronda J. Wolfe

Philosophy, Department of

Fahy Hall
(973) 761-9480
Chair: Vicente Medina

Physical Plant

Community House
(973) 761-9454
Director: Steve Kurtyka

Physical Therapy and Sports, Department of

McQuaid Hall
(973) 275-2051
Chair: Marc Campolo

Physician Assistant Program

McQuaid Hall
(973) 275-2596
Chair: Carol Biscardi

Physics, Department of

Mooney Hall
(973) 761-9050
Chair: Sedong Kim

Pirate Blue Athletic Fund

Ring Building
(973) 378-2681
Director: Brian Felt

Planning Office

Presidents Hall
(973) 761-9206
Associate Provost: Joseph Molitoris

Political Science, Department of

Jubilee Hall
(973) 761-9383
Chair: Joseph R. Marbach

Pre-Health Professions Advisement

Mooney Hall
(973) 761-9487
Director: Gerald Ruscigno

Pre-Legal Advisement

Fahy Hall
(973) 275-2184
Adviser: William James H. Hoffer

Pre-Medical/Pre-Dental Plus Program

Arts and Sciences Hall
(973) 761-9648

President, Office of the

Presidents Hall
(973) 761-9620
President: Monsignor Robert Sheeran

Priest Community

Presidents Hall
(973) 761-9121
Minister: Monsignor James M. Cafone

Procurement

Bayley Hall
(973) 761-9183
Director: Martin Koeller

Professional Development Institute for Teachers

Jubilee Hall
(973) 275-2721
Director: Selma Brookman

Professional Psychology and Family Therapy, Department of

Jubilee Hall
(973) 761-9450
Chair: Laura Palmer

Project Acceleration

Fahy Hall
(973) 761-9224
Coordinator: Barbara Feldman

Provost, Office of the

Presidents Hall
(973) 761-9655
Provost: Thomas K. Lindsay

Psychology, Department of

Jubilee Hall
(973) 761-9484
Chair: Jeffrey C. Levy

Public and Healthcare Administration, Graduate Department of

Jubilee Hall
(973) 761-9510
Chair: Jonathan Engel

Public Relations and Marketing, Department of

Ring Building
(973) 761-9834

Assistant Vice President: Thomas White

Public Safety and Security, Department of

Security Building
(973) 761-9328

Assistant Vice President: Patrick Linfante

Recreational Services

Richie Regan Recreation and Athletic Center
(973) 761-9722

Reference Desk

Walsh Library
(973) 761-9437

Coordinator: Richard E. Stern

Registrar

See Enrollment Services

Religious Studies, Department of

Fahy Hall
(973) 761-9331

Chair: Charles Carter

Russian and East European Studies

Fahy Hall
(973) 761-9464

Director: Anna Kuchta

Securities Trading and Analysis, Center for

Jubilee Hall
(973) 761-9127; (973) 761-9125

Directors: Anthony Loviscek and Elven Riley

Setonian, The

Bishop Dougherty University Center
(973) 761-9083

SetonWorldWide

Jubilee Hall
(888) SETONWW, (973) 313-6360

Director: Philip S. DiSalvio

Social and Behavioral Sciences Program

Jubilee Hall
(973) 275-5814

Director: Philip M. Kayal

Social Work, Department of

Arts and Sciences Hall
(973) 761-9470

Chair: Emma G. Quartaro

Sociology and Anthropology, Department of

Jubilee Hall
(973) 761-9170

Chair: Anthony L. Haynor

Special Collections Center

Walsh Library
(973) 761-9476

Contact: Alan Delozier

Speech-Language Pathology, Department of

McQuaid Hall
(973) 275-2825

Interim Chair: Brian B. Shulman

Sport Management, Center for

Jubilee Hall
(973) 761-9707

Director: Ann M. Mayo

Sports Information, Office of

Richie Regan Recreation and Athletic Center
(973) 761-9493

Stillman School of Business

Jubilee Hall
(973) 761-9222

Dean: Karen E. Boroff

Student Affairs, Division of

Bishop Dougherty University Center
(973) 761-9075

Vice President: Laura A. Wankel

Associate Vice President: Reverend Robert S. Meyer

Student Support Services

Mooney Hall
(973) 761-9166

Associate Dean: Erwin Ponder

Summer Session

Presidents Hall
(973) 761-9363

Supportive Sciences and Health Systems, Department of

Schwartz College of Nursing Building
(973) 761-9291

Chair: Gail Iglesias

Tax Research, The Center for

Jubilee Hall
(973) 761-9428

Director: Brian Greenstein

Teaching, Learning and Technology Center

Walsh Library
(973) 275-2929

Director: Paul Fisher

Ticket Office, Athletic

Walsh Gymnasium
(973) 275-4255

Manager: Jeremiah Maher

260 Directory

Ticket Office, Theatre-in-the-Round

Bishop Dougherty University Center
(973) 761-9098

University Advancement, Office of

Ring Building
(973) 378-9801
Vice President: Joseph G. Sandman

University Honors Program

Fahy Hall
(973) 275-2011
Director: Gisela Webb

University Libraries

Walsh Library
(973) 761-9435
Dean: Howard F. McGinn

Upward Bound/Project GRAD Institute

Mooney Hall
(973) 761-9419
Associate Dean: Erwin Ponder

Valente Italian Studies Library

Walsh Library
(973) 761-9435

Walsh Library Gallery

Walsh Library
(973) 275-2033

The Whitehead School of Diplomacy and International Relations

McQuaid Hall
(973) 275-2515
Vice President and Interim Dean: Reverend Paul A. Holmes

Women's Center

Bishop Dougherty University Center
(973) 275-2566
Contact: Celestina Sierra

Women's Studies Program

Fahy Hall
(973) 275-2709
Director: Cecilia Marzabadi

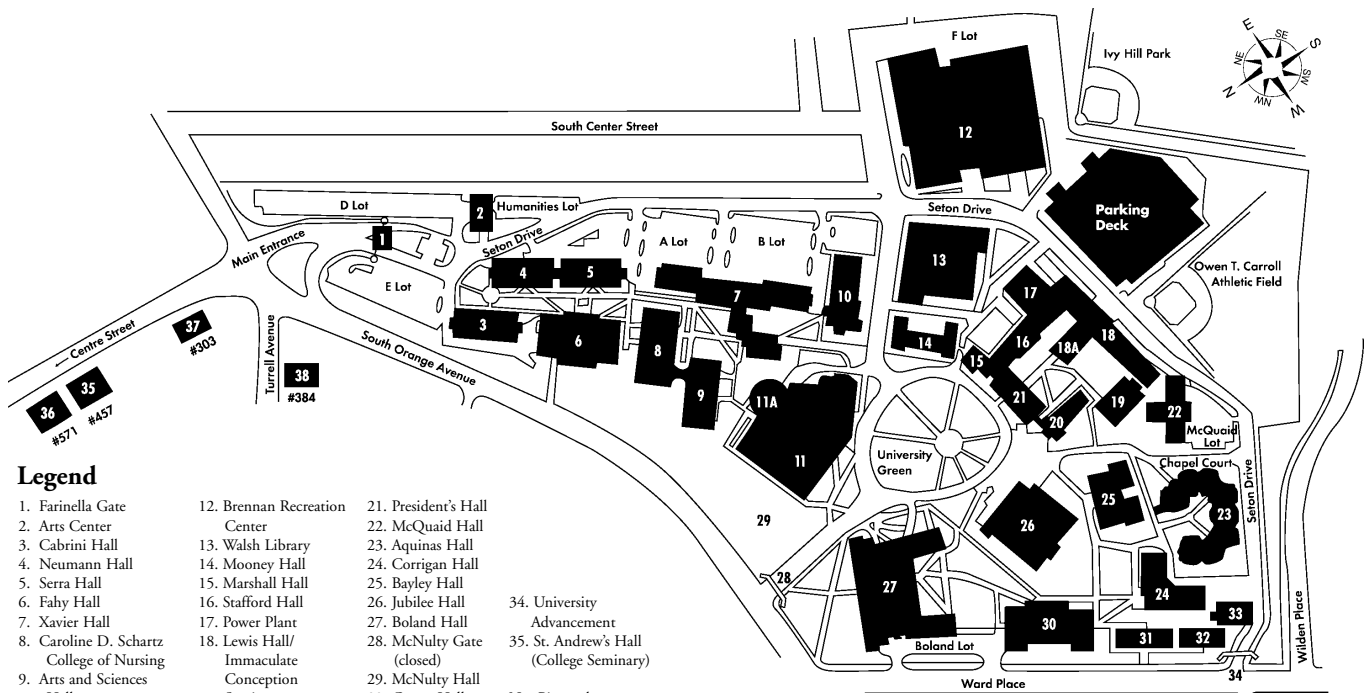
Writing Center, The

Arts and Sciences Hall
(973) 761-9000 x7501
Director: Kelly A. Shea

WSOU Radio Station

Richie Regan Recreation and Athletic Center
(973) 761-9546
Listener Request Line: (973) 761-9768
General Manager: Mark Maben

Directions to the University



Legend

- | | | |
|--|------------------------------------|--|
| 1. Farinella Gate | 12. Brennan Recreation Center | 21. President's Hall |
| 2. Arts Center | 13. Walsh Library | 22. McQuaid Hall |
| 3. Cabrini Hall | 14. Mooney Hall | 23. Aquinas Hall |
| 4. Neumann Hall | 15. Marshall Hall | 24. Corrigan Hall |
| 5. Serra Hall | 16. Stafford Hall | 25. Bayley Hall |
| 6. Fahy Hall | 17. Power Plant | 26. Jubilee Hall |
| 7. Xavier Hall | 18. Lewis Hall/College of Nursing | 27. Boland Hall |
| 8. Caroline D. Scharz Hall | 19. Immaculate Conception Seminary | 28. McNulty Gate (closed) |
| 9. Arts and Sciences Hall | 18A. Alumni Hall | 29. McNulty Hall |
| 10. Duffy Hall | 19. Alfieri Hall | 30. Gerety Hall |
| 11. Bishop Dougherty University Center | 20. Immaculate Conception Chapel | 31. Physical Plant |
| 11A. Theatre in-the-Round | | 32. Public Safety & Security |
| | | 33. Ward Place Gate |
| | | 34. University Advancement |
| | | 35. St. Andrew's Hall (College Seminary) |
- Not Pictured:
- Seton Hall University School of Law
 - One Newark Center, Newark
 - Ora Manor, 324 Valley Street

By Taxi

From Newark Airport Terminal A, B or C: Taxis are available 24/7 and feature flat rates to the University.

By Bus

From New York Port Authority. Take NJ Transit bus #107 to Ward Place. Walk approximately 1/5 mile to the University.

From Newark. Take South Orange Avenue bus #31 Maplewood from Penn Station along Market Street to South Orange Avenue to the University.

From Irvington Terminal. Take NJ Transit bus #107 to Ward Place. Walk approximately 1/5 mile to the University.

From Bloomfield Center. Take NJ Transit bus #92 to South Orange. Walk approximately 3/5 mile on South Orange Avenue to the University.

From Orange, East Orange Grove Street Area. Take NJ Transit bus #90 to South Orange Avenue. Walk approximately 3/5 mile to the University.

From Orange, East Orange Main Street and Day Street Area. Take NJ Transit bus #92 along Scotland Road to South Orange. Walk approximately 3/5 mile on South Orange Avenue to the University.

From Jersey City. Take PATH train or NJ Transit bus #1 to Penn Station. Transfer to South Orange Avenue bus #31 Maplewood to the University. Or take PATH train to Hoboken, transfer to NJ Transit, Morris and Essex Lines, train to South Orange Station. Walk approximately 3/5 mile on South Orange Avenue to the University.

From Springfield, Chatham, Morristown. Take NJ Transit bus #70 to the Maplewood Loop (Millburn Avenue and Valley Street). Transfer to South Orange Avenue bus #31 at Valley Street to the University.

By Car

From 280 East. Take Exit 11 (Center Street, Orange.) Turn right onto South Center Street. (South Center Street becomes Centre Street.) Follow it approximately 2 miles to the intersection of South Orange Avenue and Centre Street. Enter the University through the Farinella Gate across the intersection on South Orange Avenue.

From 280 West. Take Exit 11B. (Day Street/Essex Avenue, Orange.) Off-ramp becomes Freeway Drive West. Make a left at the second light onto South Day Street (Joyce Carnegie Place). Make a left at the next light onto Freeway Drive East. Turn right at the next light onto South Center Street. (South Center Street becomes Centre Street.) Follow it approximately 2 miles to the intersection of South Orange Avenue and Centre Street. Enter the University through the Farinella Gate across the intersection on South Orange Avenue.

262 Directions to the University

From 78 East (Local). Take Exit 49B (Maplewood). Stay to the right off the exit. Make the second right, which is a jug handle, and cross over Springfield Avenue onto Valley Street. Take this street approximately 3 miles to South Orange Avenue. Turn right and proceed 1 mile to the University. Enter through the Farinella Gate on the right.

From 78 West (Local). Take Exit 50B (Millburn), and turn right onto Vauxhall Road. Go three lights and bear right onto Valley Street. Take this street approximately 3 miles to South Orange Avenue. Turn right and proceed 1 mile to the University. Enter through the Farinella Gate on the right.

From The Garden State Parkway (North or South). Take the Garden State Parkway to Exit 145. Follow directions for 280 West.

From The New Jersey Turnpike. Take the New Jersey Turnpike to Exit 15W. Follow directions for 280 West.

From Connecticut. Take Route 84 West into New York State until 84 ends. Take 684 South toward White Plains/Tappan Zee Bridge. Take 287 West over Tappan Zee Bridge. Take Exit 14A (Garden State Parkway South) to Exit 145. Follow directions for 280 West.

From New York City. Go through either the Lincoln or Holland tunnel. From the Lincoln Tunnel, take the New Jersey Turnpike South to Exit 15W. From Holland Tunnel, take the New Jersey Turnpike North to Exit 15W. Follow directions for 280 West.

From Pennsylvania. Take the Pennsylvania Turnpike East to the New Jersey Turnpike North. Get off the Turnpike at Exit 11 (Garden State Parkway North). Take the Parkway to Exit 145. Follow directions for 280 West.

By Train

From Newark. Take NJ Transit, Morris and Essex lines, to South Orange Station. Walk approximately $\frac{3}{5}$ mile on South Orange Avenue to the University.

From Bloomfield Center. Take NJ Transit, Morris and Essex lines, to South Orange Station. Walk approximately $\frac{3}{5}$ mile on South Orange Avenue to the University.

University Buildings

Alfieri Hall. Alfieri Hall, completed in 1984, contains classrooms for the School of Theology, offices of the Educational Opportunity Program, and the Computer Training Center. The Department of Physical Therapy and Sports Science is located on the lower level.

Alumni Hall. Alumni Hall was planned as a 25th anniversary gift to commemorate the opening of Seton Hall College in Madison in 1856. The needed funds were not raised in 1881, but the fund drive continued, and the building was dedicated in 1886 to commemorate the opening and first graduation in South Orange in 1861. Alumni Hall houses the chapel for Immaculate Conception Seminary School of Theology as well as the School's administrative offices.

Art Center. Originally a carriage house, built between 1890 and 1895, and now a registered national landmark, this red-brick Victorian building has been preserved and renovated and was officially dedicated in May 1974 as the University's Art Center. It houses an art gallery, studios, classrooms and offices of the Department of Art and Music.

Arts and Sciences Hall. Opened in 1973, the building houses the Ruth Sharkey Academic Resource Center, lecture halls, seminar rooms, conference rooms, classrooms, offices for College of Arts and Sciences faculty and administrative personnel, and a computer laboratory.

Bayley Hall. Erected in 1913 and named for Bishop James Roosevelt Bayley, first Bishop of Newark and nephew of Elizabeth Seton, Bayley Hall is used for business and administrative purposes, and houses Enrollment Services.

Bishop Dougherty University Center. Named for Bishop John J. Dougherty, president of Seton Hall from 1960-70, the University Center contains meeting rooms, dining areas, lounges, an art gallery and Theatre-in-the-Round. It houses the offices of student publications and student government, as well as the Department of Community Development and the office of the vice president for Student Affairs.

Chapel of the Immaculate Conception. The Chapel of the Immaculate Conception has been the center of campus religious life since 1863 and observed its 125th anniversary in 1988-89. Open every day, the chapel serves as a place of meditation and prayer for all members of the University community. Several Masses are offered on weekdays and on Sundays.

Corrigan Hall. Named after Bishop Michael A. Corrigan and Reverend James H. Corrigan, brothers who served as second and third presidents of Seton Hall, this building contains offices, the facilities for Computing Services, classrooms and labs.

Duffy Hall. Classrooms, offices, the bookstore, Parking and Card Access Services, and the Department of Housing and Residence Life, and the Science Departments (temporarily) are located in this building.

Fahy Hall. Opened in 1968, this building houses many departments of the College of Arts and Sciences, as well as the dean of this College. In addition to classrooms and faculty offices, it contains communication and language laboratories, and a television studio.

Jubilee Hall. With six stories and more than 126,000 square feet of academic space, this structure provides a home for the Stillman School of Business, the College of Education and Human Services, the New Jersey Center for Civic and Law-Related Education and the Departments of Political Science, Psychology, Public and Healthcare Administration and Sociology and Anthropology. It contains 156 faculty and administrative offices and 30 teaching spaces, from seminar rooms that seat eight people to an auditorium seating 390. It also features a central, three-story skylit atrium where students and faculty can congregate informally. A major feature of the building is the technological capabilities it brings to the teaching and learning processes. These include fixed and flexible seating classrooms with the most contemporary information and distance-learning technologies that facilitate the transmission of lectures all over the world; laboratories with one-way observation mirrors; and classrooms with terminals for portable computers.

Lewis Hall/Immaculate Conception Seminary School of Theology. Lewis Hall/Immaculate Conception Seminary School of Theology was completed in 1984. Faculty and student residences, classrooms, a dining hall, lounges and the Seminary Library are housed in this building.

Marshall Hall. Built in the 1890s under the direction of Reverend William Marshall, this three-story building is situated to the east side of Presidents Hall. The building's main level contains a newly restored Regents Suite and Regents Board Room. Marshall Hall connects via a gallery passage and a stair tower with marble treads and wrought-iron railing serves the second floor level. The upper level links to Mooney Hall by means of a flying bridge.

McNulty Hall. The biology, chemistry and biochemistry, and physics departments are located in McNulty Hall, named in honor of Monsignor John Laurence McNulty, president during the University's post-World War II expansion years. This building contains classrooms, teaching and research facilities, faculty offices and an amphitheater.

Starting in May 2005, this building will be redesigned and expanded by approximately 30,000 square feet. This process will occur during the 2005-06 and 2006-07 academic years. During this time, all teaching laboratories will take place in the existing building. However, lectures will not take place in McNulty Hall. The main offices for biology, chemistry and biochemistry, health professions, laboratory services/chemical hygiene and physics have been moved to the following temporary locations:

Department of Biology: Mooney Hall, 3rd Floor, Room 324, Phone: (973) 761-9044; Fax (973) 761-9096.

Department of Chemistry and Biochemistry, Duffy Hall, 3rd Floor, Room 82, Phone: (973) 761-9414; Fax: (973) 761-9772.

Health Professions: Mooney Hall, 3rd Floor, Room 319, Phone: (973) 761-9487; Fax: (973) 761-9096.

Laboratory Services/Chemical Hygiene Office, McNulty Hall, 2nd Floor, Room 218, Phone: (973) 761-9039; Fax: (973) 313-6396.

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Department of Physics: Mooney Hall, 3rd Floor, Room 319, Phone: (973) 761-9050; Fax: (973) 761-9096.

For additional information about the redesign of McNulty Hall and construction schedule, contact John Sowa, Ph.D., (973) 424-7515 or e-mail sowajohn@shu.edu.

McQuaid Hall. Named after Bishop Bernard McQuaid, first president of Seton Hall, this building was constructed in the early 1900s. The Whitehead School of Diplomacy and International Relations is located on a major section of the first floor of this building. The School of Graduate Medical Education is located on the second floor and part of the first floor.

Mooney Hall. Named for Monsignor James Mooney, president of Seton Hall from 1907-22, the building houses Freshman Studies, Archaeology Studies, ROTC/Military Science, Science Departments (temporarily), Special Academic Services, Counseling Services, the Print Shop, classrooms and offices.

Presidents Hall. Visually the “centerpiece” of campus, Presidents Hall dates back to 1867. It houses administrative offices, including those of the president; executive vice president; general counsel, planning, the provost; and human resources.

Residence Halls. Seton Hall has housing capacity for approximately 2,100 students. The residence halls include Cabrini, Neumann, Serra, Xavier, Aquinas, and North and South Boland halls. Ora Manor Apartments and St. Andrew's Hall provide University housing off campus.

Ring Building. Located at 457 Centre Street, this building houses the Division of University Advancement, including the vice president's office and the departments of Alumni Relations, Public Relations and Marketing, and Development.

Schwartz College of Nursing Building. This facility was opened in 1973 and named for the first dean of the College of Nursing, Caroline Di Donato Schwartz, whose husband, Henry Schwartz, was the major benefactor who supplemented a U.S. Public Health Service Building grant for its completion. This building includes a state-of-the-art computer laboratory, patient care simulation laboratory, classrooms, an amphitheater, and offices for faculty and administration.

Richie Regan Recreation and Athletic Center and Walsh Gymnasium. A student-oriented, multipurpose facility that serves the recreation, physical education and intercollegiate needs of the University community, the Richie Regan Recreation and Athletic Center contains the Richard and Sheila Regan Field House, an eight-lane, 25-yard pool, a fitness/weight training room, a dance studio, racquetball courts, saunas and locker rooms. Adjacent to the Richie Regan Recreation and Athletic Center, is Walsh Gymnasium, a 2,000-seat arena built in 1939 and named for Newark Arch-bishop Thomas Walsh. Walsh Gymnasium is the site of practice and competition for many intercollegiate teams. The state-of-the-art WSOU-FM facility also is located here. Outdoor facilities include Owen T. Carroll Field and Ivy Hill Park, 19 acres of practice and intramural fields adjacent to the campus.

Walsh Library. Seton Hall's Walsh Library was completed in spring 1994. Located opposite the Richie Regan Recreation and Athletic Center, the four-story, 155,000 square-foot structure is nearly three times the size of its predecessor, McLaughlin Library, and accommodates twice as many users at any given time. The library is named in honor of Board of Regents chairman and University benefactor Frank E. Walsh and his wife, Mary D. Walsh.

Walsh Library facilities include a Bibliographic Instruction Center with a networked computer laboratory; quiet, convenient reading rooms, group study rooms, study carrels and scholar's studies; compact shelving and a flexible floor plan; state-of-the-art systems to protect, preserve and provide access to valuable resources; an exhibit and art gallery; the Valente Italian Studies Library; the Alberto Italian Studies Institute; and a central location for all library services, including the Special Collections Center, The Teaching, Learning and Technology Center, Digital Media Services, Walsh Library Gallery, University Archives and the Writing Center.

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