Jeffrey W. Fagen, Ph.D.; Dean, Professor of Psychology

Bryan W. Hall, B.A., Ph.D.; Associate Dean, Professor of Philosophy

Carolyn Vigorito, B.A., M.A., Ph.D.; Associate Dean, Staten Island Campus, Associate Professor of Psychology

Eileen Larson O’Connor, B.S., M.S.Ed., Ed.D., C.P.A.; Associate Dean for Fiscal and Administrative Affairs

Joyce Lawlor, B.A., M.L.S.; Associate Dean for Information and Records

Gregory T. Gades, B.S., M.B.A.; Senior Assistant Dean

Maria Allegretti, B.S., M.B.A.; Assistant Dean, Staten Island Campus

Andrew Laurito, B.A., M.S. Ed.; Assistant Dean

Kandy Y. Ng, B.A., M.A.; Assistant Dean

Christine A. Yang, B.A., M.A.; Assistant Dean

St. John’s College of Liberal Arts and Sciences realizes the objectives of the University at large by offering a liberal education in a Catholic atmosphere to students seeking higher learning either for its intrinsic values or as preparation for graduate study or professional careers.

Programs of Study

St. John’s College of Liberal Arts and Sciences offers programs leading to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Fine Arts.

Degrees and Majors Available

Curricula for these degrees and the major sequences required for each academic discipline appear on the following pages.

Bachelor of Arts

Anthropology++
Asian Studies*++
Economics
English*
Environmental Studies++
French++
Government and Politics*
History*
Italian++
Mathematics
Philosophy
Psychology*
Public Administration and Public Service++
Rhetoric and Public Address++
Social Studies+
Sociology*
Spanish*++
Speech-Language Pathology and Audiology
Theology*

Bachelor of Science

Biology*++
Chemistry*++
Computer Science+
Environmental Studies++
Mathematical Physics++
Mathematics
Physical Science++
Physical Science (Engineering Track)++
Physics++

Bachelor of Fine Arts++

Fine Arts
Graphic Design
Illustration
Photography

Notes:
*Combined B.A./M.A. or B.S./M.S. programs available.
+Available on Staten Island campus only.
++Available on Queens campus only.

Minors Available

Various departments offer programs leading to minor concentrations in their disciplines. Minors are not required for graduation but are chosen by students who wish to focus their core requirements and general electives in particular directions. The following guidelines for minors were determined by the Liberal Arts Faculty Council:

1. Students may choose any available minor program that is clearly differentiated from their major area of concentration.
2. Students may elect a minor after the completion of one semester of college.
3. Only one three-credit course may be used for both a major and a minor, provided that the minor sequence has at least 18 credits. For minors with fewer than 18 credits, no overlap is possible.
4. The Pass-Fail Option is not available in the fulfillment of minor requirements.
5. Students should schedule an interview at least once a year with their minor advisor.
6. The successful completion of a minor (with a minimum index of 2.0) will be noted on students’ transcripts.
7. To complete a St. John’s College minor at least 50% of the coursework must be completed in St. John’s College courses. Previously completed courses may be applied but may not make up more than 50% of the total credit.
Interdisciplinary Minors

Africana Studies
15 semester hours including: HIS 3400 and twelve semester hours, representing at least three different disciplines, selected from the following: ANT 2440, 2450; ART 1755, 1830; ENA 1500, 3350, 3470, 3475, 3480, 3650; FRE 3820; GOV 2480, 2750, 3680; HIS 2300, 2301, 2302, 2450, 3410, 3711, 3712, 3850; MUS 1300; PSY 2230; SOC 1190, 2450.

Note: Independent study courses, special topics courses and graduate level courses with significant Africana content can be counted for Africana minor credit with authorization of professor and director of Africana Studies.

For more information, contact Dr. Konrad Tuchscherer, Director of Africana Studies, africana@stjohns.edu.

American Studies
18 semester hours including: three semester hours in the Capstone ASP Seminar and fifteen semester hours from three different areas, selected from the following:

Humanities Group (six semester hours from different disciplines): ENG 2060, 3300, 3310, 3320, 3330, 3340, 3350, 3360, 3390, 3470, 3480, 3560; HIS 2700, 2710, 2711, 2712, 2720, 2730, 2740, 2750, 3100/ASC 2540, 3150, 3180, 3375, 3701, 3702, 3705, 3711, 3712, 3715, 3720, 3725, 3731, 3732, 3735, 3740, 3750, 3760, 3780, 3790, 3795; PHI 3540; RCT 2040; THE 3510.

Social Sciences Group (six semester hours from different disciplines): GOV 2160, 2240, 2430, 2510, 3641, 3330, 3590, 3800; SOC 1170, 1190, 2410, 2420, 2440, 2450; SOC/ ANT 2750.

Arts, Media, and Technology Group (three semester hours): ART 1830, 1840, 2790; MUS 1230, 1260, 1300.

Capstone ASP Seminar (3 semester hours) Seminar in American Studies: Engaging American Culture
The seminar introduces students to recent developments in American Studies focusing on social justice, community-based research projects, fieldwork, and problem-solving methodologies.

Catholic Studies
18 semester hours including: THE 1000C, 2000, 3000, and nine semester hours approved by the minor program director; up to six semester hours may be taken outside of the department of Theology and Religious Studies with the permission of the director.

Women's and Gender Studies
18 semester hours chosen from the following (maximum of six semester hours may be taken in the same discipline): ART 1840, 2770; ANT 1110; CLS 1240; ENG 3350, 3475; GOV 1280; HIS 3140, 3300, 3460, 3560, 3562, 3731, 3732, 3735; PHI 2330, 3580; PSY 2240; SOC 1150, 1170, 1570, 2220, 2330, 2430, 2440, 4990; THE 3240. Internships may also receive course credit with the approval of the director.

Multicultural and Multiethnic Studies
18 semester hours including: ANT 1010, 1040, 1155/RCT 1155 and nine semester hours from courses relating to culture/civilization, each course from a different region of the world: Africa, Asia, Europe, Latin America and the Caribbean, and Middle East.

Courses applicable to the minor:

Africa: ANT 2450; ENG 3330; FRE 3820; GOV 3680; HIS 2302

Asia: ANT 2760; ASC 1230, 1250, 1300, 1310, 1480, 1490, 1790/THE 2830, 1800/ THE 2840, 2210, 2220, 2500/HIS 2310, 2510/ HIS 2312, 2710/GOV 3710, 2720/GOV 3720, 3460, 3470; PHI 3590.

Europe: ENG 3540; FRE 3090, 3100, 3300, 3550, 3560, 3600, 3630, 3650, 3670, 3690; GOV 2650, 2660; HIS 3511, 3512, 3652, 3653; ITA 3090, 3100, 3550, 3560; LIT 1104; SPA 3090, 3550, 3610, 3770, 3780.

Latin America and the Caribbean: ANT 2440; FRE 3820; GOV 2690, 2750, 2760; HIS 2331, 2332; SPA 3100, 3560, 3700, 3730, 3740.

Middle East: GOV 3820; THE 2850, 3850.

New York Studies
18 semester hours including: DNV 1000C and fifteen semester hours chosen from the following: ANT 4820; ART 1020; BLW 1040; ECO 1019; ESP 1050; GOV 2470, 2480; HIS 3760, 3770; RCT 2090; SOC 1011, 1021, 1080, 1190, 1220, 2460, 2630; THE 3320; TVF 1740.

Note: No more than six semester hours can be from mini-session courses. No more than six semester hours can be from any one discipline.

Social Justice: Theory and Practice in the Vincentian Tradition
18 semester hours including: THE 2320, three semester hours from PHI 2200C, 2240C; THE 2300, three semester hours from SOC 1190; ECO 1320, three semester hours in the Integrating Interdisciplinary Seminar in Social Justice, and six semester hours chosen from the following: ART 1830; BIO 1360; CRJ 3005; ECO 1024; ESP/GOV 2160, ESP/GOV 2170; GEO 2001; GOV 2850; HIS 3110, 3120, 3740, 3780; LES 1018, 1023, 1024; PHI 3720; PSY 1019; SOC 1070, 1170, 1590, 2100, 2460; RCT 2060, 3150; THE 3310, 3320.

In addition, students must complete a minimum of 40 hours of service-learning in the courses in the minor.

Specific Entrance Requirements
16 high school units (or appropriate score on GED):
- English 4
- Mathematics 2
- History 1
- Science 1
- Foreign Language 1
- Electives 6

At least three electives must be from the academic grouping.

In addition to these basic admission requirements for all St. John’s College degree programs, the following should also be noted:

1. Students seeking admission to the B.F.A. degree program must submit a portfolio of original artwork. Upon submission of a completed admission application, students will be asked to contact the Department of Art and Design to schedule a portfolio review.

2. Students seeking to matriculate for a B.S. degree, a B.A. degree in Mathematics, or who are looking toward careers in Medicine, Dentistry, Osteopathy, or Optometry should include the following courses in their high school programs: Intermediate Algebra and Trigonometry (or 11th year Mathematics), advanced Algebra and Calculus, Physics and Chemistry and either French or German.

3. Students seeking admission to the B.A. degree in Speech-Language Pathology and Audiology must have a high school average of at least 82 and a combined SAT score of 1100.

Transfers

External
The general University policy for students requesting transfer from other colleges or universities is stipulated in the Admission section of this bulletin. Students accepted by the College will receive an evaluation of their transfer record listing the courses applicable to their program of study at St. John’s College of Liberal Arts and Sciences.

Only courses with grades of C or better will be accepted. Students must contact Transfer Student Services at 718-990-3711 to schedule an interview to plan their academic program.

All external transfer applicants to St. John’s College who have been awarded an A.A. or A.S. degree will fulfill the requirements for their baccalaureate in St. John’s College after successfully completing a minimum of an additional 64 semester hours including, a) six semester hours in Philosophy and six semester hours in Theology; and b) the requirements for
the selected major concentration. The remainder of the student’s program is determined under the guidance of an assigned advisor. All external transfer students seeking admission to the B.A. degree in Speech-Language Pathology and Audiology must have a GPA of at least 3.0.

Credits may be accepted for transfer if it was earned at a college/university that is accredited by a regional accrediting organization (e.g., Middle States Commission on Higher Education) or if it was earned at a college/university-level institution of a type traditionally accredited by some other type of agency (e.g., in New York State, the Board of Regents). Students with credits from other countries will be asked to provide a World Education Service evaluation before transfer credits are awarded.

Internal

The general University policy for students requesting transfer from other colleges within the University is stipulated in the Admissions section of this bulletin. All applications are subject to the review and approval of the College Admissions Committee.

Upon entry to a St. John’s College program of study, students must take all their remaining major courses within their major department. All internal transfer students seeking admission to the B.A. degree in Speech-Language Pathology and Audiology must have a GPA of at least 3.0.

Advanced Placement/ Credit by Exam

St. John’s College awards Advanced Placement and college credit to those entering freshmen who earn a requisite score on the Advanced Placement and/or CLEP tests. Placement and the number of college credits appropriate to the academic development of the qualified student are determined by the Dean’s Office.

With respect to credit for students who have earned an International Baccalaureate (IB) Programme Diploma, the following policies are in effect:
1. The College will consider only IB higher level courses. No credit will be awarded for standard level exams.
2. The College will evaluate IB higher level courses on a course-by-course basis.
3. Credit will be considered for higher level exam results with a grade of 5 or higher.
4. Students must submit official transcripts of exam results.
5. A maximum of 18 credits may be awarded for IB higher level courses. Students who wish to take CLEP or other credit-by-test exams must receive prior approval from the Office of the Dean if such credit is to be applied to a St. John’s college degree.

Fresh Start Rule

An undergraduate student accepted for readmission to St. John’s College after an absence of five or more years from the University may petition the Dean to recalculate the cumulative index of his/her previous residency. If the petition is approved, all courses taken remain on the permanent record with their original grades. Only grades of A, A–, B+, B, B–, C+, or C are counted for credit. If the petition is approved, the student resumes his/her academic program with no cumulative or major index, and thereafter is subject to the conditions of warning, probation and dismissal which govern all students. The student must fulfill all degree requirements in effect at the time of readmission.

Under the provisions of this rule, a student must complete a minimum of 30 credit hours, which shall include advanced major field courses typically taken in the senior year. All courses taken on the college level are used in the calculation of the index required for graduation with honors.

This rule applies to St. John’s College only. A student who is re-admitted to the college under this rule and subsequently transfers to another undergraduate unit of St. John’s University becomes subject to the regulations of that college. Other undergraduate units may not permit index recalculation.

Academic Standing

A full-time student’s program may range from a minimum of 12 to a maximum of 18 hours (credits) per semester. Freshman programs are usually 15 semester hours (credits). A student who receives a grade of F for a required course must take the course again. Please refer to the Office of the Registrar section of this bulletin for more information.

To remain in good academic standing, a student must maintain a minimum grade point average of 2.0 both cumulatively and in their major area. A student who fails to meet these standards is placed on academic probation and subsequently transfers to another undergraduate unit of St. John’s University becomes subject to the regulations of that college. Other undergraduate units may not permit index recalculation.

Attendance Policy

Regular and prompt attendance is expected of all students and is an individual student’s responsibility. Absence from class does not excuse a student from any work missed. Students are responsible for all announced exams and for submitting all assignments on time. Ignorance of such exams and assignments is not an acceptable excuse for failure to complete them. Individual faculty members determine participation requirements and if a makeup exam will be given as stated within their course outlines and requirements.

Several types of courses such as writing courses, science laboratories, global language and culture courses, art studios and speech performance courses are not covered under this general requirement and may have specific attendance requirements. Students are responsible for the published attendance requirements in any course for which they are registered.

Pass-Fail Option

The Pass-Fail Option has been instituted to encourage students to enroll in more challenging courses outside their major area without affecting their grade point average.

The option is available to students with sophomore status who have completed a minimum of 25 credits, and whose current grade point average is at least 2.0. The option is limited to one course per semester and/or term (e.g., Pre-session, Summer Session I, Summer Session II, and Post-Session are considered one term) with the total during the three years, not to exceed six courses.

The Pass-Fail Option may not be used in connection with the students’ major/minor requirements (including ancillary courses required for the students’ degree). This option does not affect the student’s grade point index, although a “Pass” is credited toward the degree.

Application for the Pass-Fail Option must be submitted on-line through UIS. In any given semester, a student may elect the Pass-Fail Option up to and including the last date designated for withdrawal from class without academic penalty. The Pass-Fail Option is also reversible during the same time period.

Make-up Examinations

St. John’s College adheres to the general University policies regarding examinations as stated in the Academic Information and Regulations section of this bulletin. Tests, term papers and assignments are given at the discretion of the instructor. Credit is not given for a course unless all assignments have been satisfactorily completed. All work must be submitted no later than the last meeting of the course.
St. John’s College does not give “Incomplete” grades to undergraduate students. At their discretion, faculty may issue a special grade of UW (Unofficial Withdrawal) to a student who has stopped attending and has not completed a substantial amount of the assigned work. Faculty may also issue a final grade of F to any student who, in their judgment, has not satisfactorily completed the stated course requirements in an acceptable manner.

A special grade of ABF (Absent from Final) may be given to any student who has completed all course requirements but misses the final examination because of circumstances that are typically beyond the control of the student. Any student receiving the ABF must submit an explanation, together with substantiating evidence, to his/her Dean’s office immediately. The Academic Dean of the college in which the student is enrolled then determines if the student is permitted to take a make-up final exam. If permission is granted a make-up will be scheduled and a fee of $80 must be paid to the Bursar prior to the scheduled make-up date. Make-ups must be completed in the most immediate time frame that is reasonable for the circumstances of the case. In no case shall the scheduled make-up be extended past the end of the following term.

Graduate-Level Courses
Graduate courses are open to qualified students with the approval of the St. John’s College Dean and the Chair of the department in which the student wishes to take courses. Students who have already been accepted as degree candidates in the B.A./M.A., B.S./M.S., B.A./M.B.A., or B.S./M.B.A. programs must register with the approval of their Department Chair and the Dean’s Office.

Other Academic Policies
Students must complete at least one major sequence and may take up to 12 credits in additional major courses. Students should consult their Dean’s Office regarding second majors and/or minors. Credits in a major beyond the 12-credit limit will not be credited toward the degree. All major and minor changes must be approved by the Dean’s Office.

With permission of the Dean, students may be allowed to take courses at other accredited institutions. Students must submit a request including the course title and description, the institution, and the proposed time frame via the Outside Institution Course Request form on UIS. Students must have a minimum 2.0 GPA, must meet the criteria established by the faculty for taking external courses and should inquire in the college office before they make their request.

Note that grades from courses taken at other accredited institutions will not count towards a student’s St. John’s University grade-point average, only the credits will transfer. However, the grades will be taken into account when calculating honors for graduation.

For all students, a maximum of 18 credits of professional courses (education, business, pharmacy science, etc.) may be applied to the degree. Students in an approved adolescence education program leading to teaching certification may take up to 42 credits of education courses toward their degree requirements.

Honor Societies
The Skull and Circle Honor Society (Q) and the Lambda Kappa Phi Honor Society (SI) annually select members from those St. John’s College students who have combined outstanding scholarship, a high degree of personal integrity, and a deep devotion to St. John’s as manifested in significant contributions to institutional activities. For additional qualification information, students should consult their campus Dean’s Office.

In addition, membership in a number of honor societies is available for students who demonstrate outstanding scholarship in the major areas indicated:

- Alpha Kappa Delta: Sociology
- Alpha Psi Omega: Theatre
- Epsilon Delta: Speech Communication Arts and Public Address
- Gamma Kappa Alpha: Italian
- Lambda Alpha Sigma: Anthropology
- Omicron Delta Epsilon: Economics
- Phi Alpha Theta: History
- Pi Delta Phi: French
- Pi Mu Epsilon: Mathematics
- Psi Chi: Psychology
- Roger Bacon: Biology, Chemistry, Mathematics, Physics, Psychology or Environmental Studies
- Beta Lambda: National Slavic Honor Society
- Sigma Alpha Eta: Speech-Language Pathology and Audiology
- Sigma Delta Pi: Spanish
- Sigma Pi Sigma: Physics
- Sigma Tau Delta: English
- Theta Alpha Kappa: Theology

Academic Awards, Distinctions and Prizes
Students may be awarded academic distinction for outstanding scholastic performance by being named to the Dean’s Honor List. To qualify, a student must average 3.4 (minimum of 12 credits per semester) for consecutive fall and spring semesters in any academic year.

Annually, a Gold Key for academic excellence is awarded to a qualifying senior in each department of St. John’s College. The recipient of each award is selected by the Chair of the department on the basis of the student’s outstanding scholastic achievement in his/her major field, the student’s overall academic performance and the recommendations of their department’s faculty. Silver Keys are also awarded to outstanding juniors in each major department, based on similar criteria.

The Carlton Boxhilt Award is presented to a graduating senior who has demonstrated excellence in academic achievement and University and community activities.

The Dr. Gerald E. Fitzgerald Award is presented to outstanding seniors from the government and politics major and public administration and public service major.

The Charles Lacaillede Award is presented to biological science majors with strong academic credentials and research experience.

The Edward J. Miranda Award is awarded to an outstanding mathematics major who has demonstrated interest and dedication to the study of mathematics.

The Reverend John B. Murray Award is presented to a graduating psychology major who has demonstrated academic excellence, research activity and/or service to the University or greater community.

Special Programs
Combined Degree Programs
B.A./M.A. in Asian Studies
B.S./M.S. in Biology
B.S./M.S. in Chemistry
B.A./M.A. in English
B.A./M.A. in Government and Politics
B.A./M.A. in History
B.A./M.A. in Psychology/Criminology and Justice
B.A./M.A. in Sociology
B.A./M.A. in Sociology/Criminology and Justice
B.A./M.A. in Spanish
B.A./M.A. in Theology

These integrated programs permit qualified students to earn a bachelor’s degree in four years and master’s degree in five years instead of the usual five-and-a-half or six years required to obtain the two degrees.

Each program is designed to enable students to complete their undergraduate degree requirements in four years. This ensures receipt of the bachelor’s degree if the student decides not to continue for the fifth year. Should the student decide not to continue with the combined degree program after the fourth year, he/she can reapply to a master’s program at a later date.

To be considered for a combined degree program, applicants must have completed the sophomore year with at least a 3.0 overall index and a 3.5 index in 12 credits applicable to the major. Students should consult the St. John’s College Dean’s Office for additional qualification/application information.
Collaborative Programs

B.A./J.D. and B.S./J.D.
This program permits exceptionally qualified students with well-defined professional goals to complete their academic training in six years, earning an undergraduate degree from St. John’s College and a Juris Doctorate degree from St. John’s School of Law. Interested students must contact the Pre-Law Advisor in the St. John’s College Dean’s Office before the start of their junior year.

B.S./D.P.M. and B.S./O.D.
These highly competitive accelerated programs permit qualified students to earn a B.S. in biology from St. John’s and a D.P.M. from New York College of Podiatric Medicine, or an O.D. from SUNY Optometry, in seven years. These programs are only open to incoming freshman with superior credentials. Admission interviews are required. All science courses for these combined degree programs are conducted on the Queens campus.

B.A./M.B.A. and B.S./M.B.A.
B.A./M.B.A. in Anthropology/Business Administration
B.A./M.B.A. in Asian Studies/Business Administration
B.A./M.S. in Asian Studies/Accounting
B.A./M.B.A. in English/Business Administration
B.A./M.B.A. in French/Business Administration
B.A./M.B.A. in History/Business Administration
B.A./M.B.A. in Italian/Business Administration
B.S./M.B.A. in Mathematical Physics/Business Administration
B.S./M.B.A. in Physics/Business Administration
B.A./M.B.A. in Psychology/Business Administration
B.A./M.B.A. in Sociology/Business Administration
B.A./M.B.A. in Spanish/Business Administration
These programs permit highly qualified students to complete a bachelor’s degree from St. John’s College and a master’s degree from Tobin College of Business in five years. Students should consult the St. John’s College Dean’s Office for additional qualification/application information.

Bachelor Degrees leading to Adolescent Education Certification
Students in selected major fields can opt to include 42 credits in Adolescent Education courses in conjunction with their major requirements. Students graduate with a bachelor’s degree in the major field and may be certified by New York State to teach if they fulfill all certification requirements. For information about NYS certification exams and requirements, students should consult with The School of Education. Admission into any of these programs requires a minimum of 3.0 GPA which must be maintained throughout the academic program. Students may pursue Adolescent Education in the following major fields: Biology, Chemistry, English, French, Italian, Mathematics, Physical Sciences, Social Studies, and Spanish. All fields are offered on the Queens campus; English, Mathematics, Social Studies are also offered on the Staten Island campus. Students must complete the following 42 credits in professional education courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 1000</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1002</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1008</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1011</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1012</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1015</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1022</td>
<td>9</td>
</tr>
<tr>
<td>EDU 1028</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1053</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1055</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1091, 1092, 1093, 1094, or 1096</td>
<td>3</td>
</tr>
<tr>
<td>EDU 1097</td>
<td>3</td>
</tr>
</tbody>
</table>

Independent Study and Readings Guidelines
Student must submit to the Department Chair a contract signed by a faculty member from the student’s major department. Contract must include: a brief description of the course of study; a representative and tentative bibliography; the requirements established by the faculty member and the approval of the contract by the Department Chair.

Restrictions: Student must have completed a minimum of 12 credits in the major; achieved a minimum 3.0 GPA in the major; the topic of the assigned readings course must be distinct from the department’s course listings in the Bulletin; the course may not be substituted for a major requirement.

Exception: In those departments with a limited number of student majors, the course may be substituted for a requirement in the major with the approval of the Chair.

A student may not take more than two courses of independent research and/or study without the express approval of the Department Chair.

Internships
St. John’s College offers supervised practical training through fieldwork and/or placement in public and private agencies/institutions. In some cases, these credit-bearing internships may be taken by qualified non-majors as well as majors. Program qualifications and application procedures vary. Interested students should consult their campus Dean’s Office for additional information.

Online Courses
Online courses offer flexibility in work and study schedules and reduce the need for traveling. This can be liberating for working students, parents of young children, and commuters. Online courses are open to all St. John’s University students. For additional information regarding online courses, consult with the Chair of the department.

Pre-Professional Advisory Programs

Pre-Law
Most law schools do not require specific subjects for admission, therefore pre-law students may choose any undergraduate major. While students assume responsibility for their choice of academic programs, the Pre-Law Advisory Program provides students with information and advice on courses that are most beneficial in preparing for the Law School Admission Test and eventual entrance into law school. Interested students should contact their Dean’s Office.

Pre-Health
Pre-Health Studies are designed to provide background for entry to medical or health professional schools. Basic curriculum requirements for acceptance to the Pre-Health Studies program include:

- Biology (one year)
- Chemistry (two years)
- English (one year)
- Mathematics (one year)
- Physics (one year)

The B.S. degree provides a more thorough training in science, but the above courses in conjunction with any program permit liberal arts students not only to meet minimum requirements for admission to most health profession schools but also to develop broad cultural backgrounds.

Students interested in the medical or health sciences are urged to register with the Pre-Health Advisory Committee, which informs students of requirements for admission to health professional schools, and helps them develop the personal qualities necessary for these health professions. The committee prepares students for entrance into professional schools by assisting with interview skills, holding on-campus interviews, and inviting guest speakers from the various graduate health professional schools. The committee also recommends qualified students to medical, dental, optometry, osteopathic, podiatric, and veterinary colleges to which they apply.

Note: All Science courses requiring laboratory co-requisites are held on the Queens campus. There is a $5 charge to send out any Pre-Health recommendation packages after the twelfth package.
Preparation for Theological Studies

Students who intend to become candidates for the priesthood are encouraged to pursue a sound liberal arts program which has a special value as a preparation for the study of theology. They may choose to pursue a B.A. or B.S. degree, although Philosophy is considered the most appropriate major. The choice of another major is to be evaluated according to individual circumstances and needs.

Certain active on-campus organizations can be of assistance in providing pastoral experience with the poor and the alienated, and in studying questions of peace and justice. Spiritual advisors are available for discernment and direction.

A certificate program in Philosophical and Theological Studies is available for seminarians who have already completed a bachelor’s degree.

Course offerings note:
All course offerings vary per semester and are subject to change.

### Bachelor of Arts

**Core Curriculum and Major Requirements**

<table>
<thead>
<tr>
<th>University Common Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Discover New York</td>
<td>3</td>
</tr>
<tr>
<td>English 1000C</td>
<td>3</td>
</tr>
<tr>
<td>English 1100C</td>
<td>3</td>
</tr>
<tr>
<td>History 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Science 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy 3000C</td>
<td>3</td>
</tr>
<tr>
<td>Theology 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Speech 1000C</td>
<td>3</td>
</tr>
</tbody>
</table>

27 credits

<table>
<thead>
<tr>
<th>University Distributed Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy 2200C</td>
<td>3</td>
</tr>
<tr>
<td>Theology 2000 level</td>
<td>3</td>
</tr>
<tr>
<td>Theology 3000 level</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

18 credits

<table>
<thead>
<tr>
<th>St. John’s College Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Art or Music</td>
<td>3</td>
</tr>
<tr>
<td>and Core Elective</td>
<td>3</td>
</tr>
<tr>
<td>Core Elective</td>
<td>3</td>
</tr>
<tr>
<td>(in two different fields outside of major area)</td>
<td>9 credits</td>
</tr>
</tbody>
</table>

Major Requirements: 23 to 55 credits
(see departmental pages for specific details)

Additional Math or Science Requirements Specific to Each Major Field:

- Biology 36 credits
- Chemistry 16 credits
- Env. Studies 8 credits
- Mathematics 8 credits
- Physics 8–16 credits

Major Requirements:

- Biology 29 credits
- Chemistry 46–51 credits
- Env. Studies 50 credits
- Mathematics 55 credits
- Physics 23–51 credits

General Electives: 9 to 33 credits
Graduation total: 126 credits minimum

### Bachelor of Science

**Core Curriculum and Major Requirements**

<table>
<thead>
<tr>
<th>University Common Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Discover New York</td>
<td>3</td>
</tr>
<tr>
<td>English 1000C</td>
<td>3</td>
</tr>
<tr>
<td>English 1100C</td>
<td>3</td>
</tr>
<tr>
<td>History 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy 3000C</td>
<td>3</td>
</tr>
<tr>
<td>Theology 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Speech 1000C</td>
<td>3</td>
</tr>
</tbody>
</table>

24 credits

<table>
<thead>
<tr>
<th>University Distributed Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language</td>
<td>6</td>
</tr>
<tr>
<td>Philosophy 2200C</td>
<td>3</td>
</tr>
<tr>
<td>Theology 2000 level</td>
<td>3</td>
</tr>
<tr>
<td>Theology 3000 level</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

18 credits

<table>
<thead>
<tr>
<th>St. John’s College Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Art or Music</td>
<td>3</td>
</tr>
<tr>
<td>and Core Elective</td>
<td>3</td>
</tr>
<tr>
<td>Core Elective</td>
<td>3</td>
</tr>
<tr>
<td>(in three different fields outside of major area)</td>
<td>9 credits</td>
</tr>
</tbody>
</table>

Major Requirements: 30 to 46 credits
(see departmental pages for specific details)

General Electives: 20 to 36 credits
Graduation total: 126 credits minimum

### Bachelor of Fine Arts

**Core Curriculum and Major Requirements**

<table>
<thead>
<tr>
<th>University Common Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Discover New York</td>
<td>3</td>
</tr>
<tr>
<td>English 1000C</td>
<td>3</td>
</tr>
<tr>
<td>English 1100C</td>
<td>3</td>
</tr>
<tr>
<td>History 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Science 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy 3000C</td>
<td>3</td>
</tr>
<tr>
<td>Theology 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Speech 1000C</td>
<td>3</td>
</tr>
</tbody>
</table>

27 credits

<table>
<thead>
<tr>
<th>University Distributed Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign Language</td>
<td>6</td>
</tr>
<tr>
<td>Mathematics 1000C</td>
<td>3</td>
</tr>
<tr>
<td>Philosophy 2200C</td>
<td>3</td>
</tr>
<tr>
<td>Theology 2000 level</td>
<td>3</td>
</tr>
<tr>
<td>Theology 3000 level</td>
<td>3</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>3</td>
</tr>
</tbody>
</table>

21 credits

<table>
<thead>
<tr>
<th>St. John’s College Core Courses:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Art or Music</td>
<td>3</td>
</tr>
<tr>
<td>and Core Elective</td>
<td>3</td>
</tr>
<tr>
<td>Core Elective</td>
<td>3</td>
</tr>
<tr>
<td>(in three different fields outside of major area)</td>
<td>9 credits</td>
</tr>
</tbody>
</table>

Major Requirements: None
Graduation total: 132 credits minimum

Art and Design Requirements:

- Fine Arts 84 credits
- Graphic Design 84 credits
- Illustration 84 credits
- Photography 84 credits

(see Art and Design departmental pages for specific requirements regarding portfolios and internships)

General Electives: None
Graduation total: 132 credits minimum

[stjohns.edu/bulletins](http://stjohns.edu/bulletins)
The Institute for Core Studies (ICS)

The Institute for Core Studies (ICS) was created to help first-year students in their academic transition to University Life. As a unit, the three courses comprising the ICS, Writing Composition, Scientific Inquiry, and Discover New York assist first-year students in becoming their own intellectual “gatekeepers” of the large amounts of information from a wide variety of sources.

The ICS has five basic educational goals: (1) helping students to develop critical thinking and information literacy skills; (2) familiarizing students with the evidentiary bases of scientific knowledge, the use of quantitative and qualitative research skills, and the distinctions between correlation and causation in the transmission of knowledge; (3) assisting students in developing the writing capabilities and oral communication skills necessary to express their own thoughts and feelings and questions about the world around them; (4) encouraging student understanding of and an appreciation for the uniquely multi-cultural nature of the New York City Metropolitan area; (5) actively engaging students in the University’s Vincentian mission of service to the community by emphasizing Academic Service Learning.

Each of the three classes comprising the ICS plays a distinct but ultimately interrelated part in achieving these goals.

Discover New York (DNY 1000C)

encourages students to engage intellectually and personally with the remarkable city that not only houses St. John’s University but also serves as home to people from literally all over the world. Faculty members develop DNY courses around the application of their own academic disciplines, and employ these disciplines as the conceptual lenses to address the general framework defining DNY’s educational goals. As a result, students have the opportunity to “see” New York City through a particular academic perspective including those focused on the arts, business, socio-political relationships, literature, and media in the city. With a continual emphasis on critical thinking and information literacy skills as the primary pedagogy of learning, the city becomes the laboratory for the students’ application of the course focus. Moreover, with the emphasis on Academic Service Learning, the city is experienced by students as a place populated with “real people,” many of whom live in difficult situations and need assistance.

Writing Composition (FYW 1000C)

focuses on literacy education, challenging students to see writing as a multifaceted activity, and immersing them in multiple and far-ranging experiences with writing. Professors help students gain comfort in writing, through a repertory of practices: pre-writing and generating techniques, multiple approaches for developing and organizing their own message, a variety of strategies for revising and editing their own original texts, and ways of preparing products for public audiences and for deadlines. The faculty focuses on developing students’ reflective abilities and meta-awareness about writing by encouraging students to embrace writing, not simply as a set of strategies for the production of essays, but an exercise in thinking. Students are helped to grow as writers through opportunities to discuss what they are writing about with their peers as well as by attending writing conferences with their professors. The faculty creates spaces for student-writers to experience a web of relationships and craft their own unique identities with texts, writing, and multiple literacies.

Scientific Inquiry (SCI 1000C)

introduces students to the way scientists think about and view the world. Through a specific theme, such as evolution, atomic theory, energy, or plate tectonics, students will develop their critical thinking and quantitative reasoning skills. The historical development of the specific theme is explored to learn how scientific theories change and develop over time as new discoveries occur. Science is empirical in nature. To understand the process of science, students investigate how experiments are designed and the results interpreted. Students learn the logic of the scientific method and how it may be used to solve problems in their everyday lives. In science, how the data is interpreted and presented has implications on all our lives, from government funding, to medical decisions, and to the food we eat. They also learn how data may be biased and misinterpreted using historical examples. Finally, because science is not conducted in a vacuum, and it impacts the world around us, the students analyze societal issues that deal with science in terms of values, ethics and responsibilities.

Discover New York (DNY 1000C)

THEMES:
The Global City
The Arts
Social Justice
Communication
Literature
Social Institutions
Urban Development
Business and Commerce
Environment and Sustainability

Scientific Inquiry (SCI 1000C)

THEMES:
Atomic Theory
Ecology
Evolution
Forensics
Infectious Diseases
Plate tectonics
Kinesiology
Origins of the Universe
Anthropology (ANT)
Please see p. 82-85

Art and Design (ART)

Major Sequences

Fine Arts
84 semester hours including: ART 1110, 1130, 1200, 1210, 1510, 1710, 1720, 2120, 2220, 2230, 2310, 2320, 2520, 2750, 2790, 2800, 3240, 3350, 3560, 4110, 1135 or 1105; 4909 (nine-credit internship), or 4125 (nine-credit Creative Thesis); plus twelve semester hours from the approved ART elective list as recommended by the department.

Graphic Design
84 semester hours including: ART 1105, 1110, 1115, 1130, 1200, 1210, 1510, 1710, 2115, 2120, 2125, 2130, 2145, 2750, 3110, 3115, 3120, 3125, 3135, 3350, 4120; 4909 (nine-credit internship), or 4125 (nine-credit Creative Thesis); plus twelve semester hours from the approved ART elective list as recommended by the department.

Illustration
84 semester hours including: ART 1105, 1110, 1115, 1130, 1200, 1210, 1270, 1710, 1720, 2145, 2220, 2230, 2240, 2265, 2280; 2310 or 2320 or 3340; 2750, 3110, 3570, 4115; 4909 (nine-credit internship), or 4125 (nine-credit Creative Thesis); plus twenty-one semester hours from the approved ART elective list as recommended by the department.

Minor Sequences

Art
18 semester hours including: ART 1110, 1130, 1200, and nine semester hours from approved ART electives list in consultation with the department.

Art History
18 semester hours including: ART 1710, 1720, 2750, six semester hours of ART History electives courses from approved ART History electives list in consultation with the department, and three semester hours of a studio course selected from ART 1060, 1070, 1080, 1110, 1200, 1510, 1610, 2120, 2310, or approved courses abroad.

Graphic Design
18 semester hours including: ART 1105, 1115, 2125, and nine semester hours specific to a digital media concentration or a print media concentration from approved ART electives in consultation with the department.

Photography
18 semester hours including: ART 1610 or 1085; 1620 or 1086; 1630, 1660, and six semester hours chosen from ART 1020, 1105, 1110, 1135, 1510, 1640, 1670, 1790, 1810, 1820, 2250, 2650, 2929, 3710.

Music
18 semester hours including: MUS 1010; 1020 or 2020; nine semester hours from approved MUS electives, and three semester hours in applied music courses from approved list.

Musical Theatre
18 semester hours including: MUS 1260, RCT 1510 or 1530, and 1540, three semester hours in Voice (MUS 1620*), MUS 2620), and six semester hours chosen from: MUS 1070, 1230, 1240; RCT 1520, 1580, 1590, 2540.
* MUS 1620 may be repeated twice.

Art and Design Course Offerings (ART)

Non-Major Art Courses

1000C The Creative Process
A study of creativity as it is manifested in the fine arts: the visual arts, music, theatre and dance. Museum, theatre, concert visits required. Credit: 3 semester hours. Studio fee, $50.

1010 Craft as Visual Art
An introduction to basic craft skills for the general student. Projects may include simple printmaking and book construction, puppet making, fiber techniques and sculpture. Classroom application of these skills is emphasized. Credit: 3 semester hours. Studio fee, $50.

1020 Art in New York (Mini-Course)
An on-site survey of New York City’s galleries and museums. Students visit major New York art institutions and view their collections. Credit: 3 semester hours. Museum fee, $50.

1030 The Visual Arts
An overview of art appreciation and history for the general student. Students study selected periods of art while learning the language of vision. Museum visits required. Credit: 3 semester hours.

1040 Creative Experiments
Explorations in creativity in the visual arts for the non-major. Drawing, collage, simple printmaking, clay and other two-and three-dimensional materials are used, at the discretion of the instructor, to develop the student’s creative potential. Credit: 3 semester hours. Studio fee, $50.

1050 Drawing Experiments
A course in creativity and the language of drawing for the non-major. Line, volume, perspective, space composition, proportion, value and movement are explored, as students confront the outer and inner worlds through the materials of drawing. Credit: 3 semester hours. Studio fee, $50.

1060 Watercolor Workshop (Mini-Course)
An intensive course in the watercolor medium. Projects are structured to teach students visual sensitivity and creativity. Applicable to major/minor sequences with written permission of the chair. Credit: 3 semester hours. Studio fee, $50.

1070 Printmaking Workshop (Mini-Course)
An introduction to woodcut and etching. Projects are structured to teach students visual sensitivity and creativity. Applicable to major/minor sequences with written permission of the chair. Credit: 3 semester hours. Studio fee, $50.

1080 Photography Workshop (Mini-Course)
A workshop course designed to develop a student’s ability with the use of the camera as a tool for self expression. Applicable to major/minor sequences with written permission of the chair. Digital camera required. Credit: 3 semester hours. Studio fee, $50.

1085 Introduction to Photography
An introduction to the tools, techniques and creative aspects of the photographic medium. For non-majors only. Digital camera required. Credit: 3 semester hours. Studio fee, $50.

1086 Intermediate Photography
Prerequisite: ART 1080 or 1085. An exploration of intermediate, techniques, aesthetics, criticism and processes of photography. Digital camera required. Credit: 3 semester hours. Studio fee, $50.

1090 Jewelry Design
Principles of two-and three-dimensional design applied to jewelry. Students design ornaments in a variety of materials with emphasis given to cutting, hammering, soldering, braising and wax-casting of copper and brass. Gallery and museum visits required. Credit: 3 semester hours. Studio fee, $50.

1095 Monuments of World Architecture
This course investigates sacred and secular architecture from around the globe, dating from the beginning of civilization to the present. Credit: 3 semester hours.
Major Art Courses

1105 Introduction to Graphic Design I
A studio introduction to the fundamentals of visual communication. Course includes formal application of design principles as well as exposure to tools, computer technology, methodology and visual analysis involved in the nature of message design. Credit: 3 semester hours. Studio fee, $50.

1110 Foundation Design
A basic course in the elements of design and the principles of composition, pictorial space and structure as they relate to image making. Credit: 3 semester hours. Studio fee, $50.

1115 Introduction to Graphic Design II
Prerequisite: ART 1105. Continued exploration and exposure to visual communication problems and principles. Experimental opportunities with symbol design, form and progression problems, typography and analysis of the visual language of representation and interpretation. Credit: 3 semester hours. Studio fee, $50.

1130 Color: Theory and Application
An exploration of the properties and perception of color and its function in the effective manipulation of visual communication. Credit: 3 semester hours. Studio fee, $50.

1135 Introductory Digital I
Introductory course exploring the use of computers as a tool in the visual arts. Students will use computers to solve visual problems, and create digital images. Credit: 3 semester hours. Studio fee, $50.

1200 Introduction to Drawing I
Black and white drawing materials, such as pencil, pen, brush and ink, conte, charcoal and chalks, are explored. Students are guided by problems in direct observation, linear and elliptical perspective, space, composition, modeling, and line quality. Credit: 3 semester hours. Studio fee, $50.

1210 Introduction to Drawing II
Prerequisite: ART 1200. New drawing materials are introduced as students work toward exploring the visual world with increasing technical facility, emotional expressiveness and imagination. Credit: 3 semester hours. Studio fee, $50.

1250 Italian Sketchbook (Abroad)
A studio course in drawing and watercolor techniques, using the architecture, landscape and people of Italy as subject. Credit: 3 semester hours.

1255 The French Sketchbook (Abroad)
A studio course in drawing and watercolor techniques, using landscape, architecture, and people of France as subject. Credit: 3 semester hours.

1270 Illustration I
An introductory illustration course that provides students with a basic overview of visual perception; using materials, techniques and the creative application of the principles of art to illustrative problem solving. Credit: 3 semester hours. Studio fee, $50.

1280 Digital Illustration
An introduction to the central features and functions of Adobe Illustrator, the industry's leading vector-based application that is currently used as an illustration, technical drawing, animation and vector paint program. Credit: 3 semester hours. Studio fee, $50.

1290 Introduction to Cartooning
A studio course in cartoon and caricature. Students receive experience in the use of materials and techniques in their creative application. Credit: 3 semester hours. Studio fee, $50.

1370 Aqueous Media in Paris (Abroad)
An introduction to water-based painting using the architecture, people and landscape of France as subject matter. Credit: 3 semester hours.

1510 Printmaking I: Relief and Intaglio
This course introduces the methodologies and concepts of relief and intaglio printmaking processes. These processes include linoleum and wood cut, found objects, dry point etching and variations of intaglio. Credit: 3 semester hours. Studio fee, $50.

1610 Photography I
An introduction to the tools, techniques and creative aspects of the photographic medium. DSLR camera recommended. Credit: 3 semester hours. Studio fee, $50.

1620 Photography II
Prerequisite: ART 1610 or 1085 with permission of chair. This course will emphasize the critical analysis and development of the student’s personal photographic work, and the refinement of basic techniques in both analog and digital photographic processes. DSLR camera recommended. Credit: 3 semester hours. Studio fee, $50.

1630 Digital Photography
Prerequisite: ART 1105, or 1610, or 1085 with permission of chair. An in-depth look at the central features and functions of Adobe Photoshop and Lightroom. Credit: 3 semester hours. Studio fee, $50.

1640 Introduction to Video Art
Introduction to video as a fine art medium addressing historical and conceptual background as well as the techniques and tools for developing works. Credit: 3 semester hours. Studio fee, $50.

1660 History of Photography
An historical survey of the evolution of photography from its beginnings to the present time. Credit: 3 semester hours.

1670 Photography in Paris (Abroad)
An intimate photographic journey through Paris as seen through the viewfinder focusing on techniques of photography as applied to an aesthetic visual study of people, culture, and landscape while visiting Parisian museums and galleries. Digital camera required. Credit: 3 semester hours.

1710; 1720 The History of Art I; II
This course surveys the history of painting, sculpture, and architecture from the prehistoric era to the twentieth century. Credit: 3 semester hours per semester.

1730 Pre-Columbian Art
A survey of the art and culture of selected civilizations of the ancient Americas, including the Aztec, Inca, Maya and Taino. Credit: 3 semester hours.

1740 Modern Architecture
The history of modern architecture and urban planning predominantly in the United States and Europe from the mid-19th century to the present is studied in relation to political, economic, and social history. Credit: 3 semester hours.

1745 Discover The World Integrative Seminar on the Arts, Architecture & Culture in Paris, Salamanca and Rome
Contemporary art and architecture focusing on three European-Union cities, Paris, Salamanca and Rome. Credit: 3 semester hours.

1750 Art of Asia and the Pacific
A general survey of the art and architecture of Asia and the Pacific Islands from ancient prehistory to the industrial age. Credit: 3 semester hours.

1755 Art of Africa
A general introduction to the art and architecture of the African continent from ancient prehistory to present. Credit: 3 semester hours.

1760 Art in Vietnam (Abroad)
A historical survey of Vietnam through its art, culture and architecture by means of photo documentation as a visual language. Credit: 3 semester hours.

1770 Classical Archaeology
The history of archaeology and its contribution to our knowledge about the ancient world, its history and civilization. Credit: 3 semester hours.

1775 Art and Architecture in France (Abroad)
An overview of painting, sculpture, and architecture in rural France and the city of Paris from Roman Gaul through the 19th century. Credit: 3 semester hours.
1780 The Art of the Renaissance in Italy (Abroad, Mini-Course)
This course surveys the visual arts of the Renaissance in Italy. It may be substituted for Art 1720 (The History of Art II). Credit: 3 semester hours.

1785 Italian Renaissance Art and Literature
This course is an investigation of classical humanism in Italian literature and art covering the period that spans roughly 1350–1550 (primarily abroad). Credit: 3 semester hours.

1790 Survey of Art and Architecture in Italy (Abroad)
A comprehensive survey course in the history of the visual arts and architecture on the Italian peninsula from ancient times to the modern era. Credit: 3 semester hours.

1795 The City of Rome (Abroad)
A study of the city of Rome through its art, historical periods, literary and cultural movements, and physical structure. Credit: 3 semester hours.

1810 The Art of Film I
This course introduces the student to the study of film as an academic discipline by defining the basic components of film practice, their historical developments and their specific applications in conveying meaning and ideological premises. Credit: 3 semester hours.

1820 The Art of Film II
This comparative study of the classical Hollywood cinema and modes of cinematic representation in other national cinemas and the avant-garde analyzes the cinema’s relationship to culture’s dominant ideological formations. Credit: 3 semester hours.

1830 Racism in Film
Examines some of the causes and effects of racism within culture and analyzes how films organize their formal properties into strategies that promote and/or reinforce racist values and belief systems. Credit: 3 semester hours.

1840 Sexism in Cinema and Television
This course analyzes the manner in which sexism functions as an ideological institution within American culture in and through cinema and television. Credit: 3 semester hours.

2115 Graphic Production
Prerequisite: ART 1115. This course is designed to prepare the student for professional work as a graphic designer by giving the student a thorough understanding of packaging design and print production. Students will be confronted with a variety of design problems that will facilitate the understanding of the design process and the environmental and social ramifications of producing design outputs. Credit: 3 semester hours. Studio fee, $50.

2120 Three-Dimensional Design
The principles of design as applied to three-dimensional structural form. Additive, subtractive, constructive and kinesthetic processes are explored. Credit: 3 semester hours. Studio fee, $50.

2125 Typography
Prerequisite: ART 1115. In this course, students will explore the history, evolution, and use of type in design, through projects and class lectures. Emphasis will be placed on the use of typography in design studio projects. Credit: 3 semester hours. Studio fee, $50.

2130 Motion Graphics
Prerequisite: ART 1105 or 1115. The fundamentals of design in motion. Using video, still imagery and sound, students will study techniques of dubbing, assembling and inserting visuals to create graphics for television, the Web and cinema title design. Credit: 3 semester hours. Studio fee, $50.

2135 Advanced Digital Media
Prerequisite: ART 1115 or 1135. An advanced course in computer graphics provides the opportunity to produce portfolio quality computer-generated graphics as it applies to print and screen-based media. For the non-major. Credit: 3 semester hours. Studio fee, $50.

2145 History of Visual Communications
A comprehensive overview of the history of humanity’s effort to give visual form to ideas and concepts, to store knowledge and give order and clarity to information through design and illustration. Credit: 3 semester hours.

2220 Anatomy and Figure Drawing I
The human skeleton and musculature are studied while drawing from the model. Basic proportions and movement of the figure in space are emphasized. Credit: 3 semester hours. Studio fee, $50.

2230 Anatomy and Figure Drawing II
Prerequisite: ART 2220. The figure is studied in detail and used as the basis for experiments in space composition. Students work for emotional expressiveness as well as fluent accuracy and technical facility. Credit: 3 semester hours. Studio fee, $50.

2240 Drawing for Illustration
Prerequisite: ART 1200. A course designed for the development and application of drawing skills relative to creative illustration problems. Credit: 3 semester hours. Studio fee, $50.

2250 Drawing and Design in Rome (Abroad)
An exploration of the rich artistic stimulus of Rome as the basis for understanding the fundamental structures of visual organization. On-site drawing- and studio-based projects. Side trips to Pompeii, Paestum, Siena, Assisi and Florence. Credit: 3 semester hours.

2280 Illustration II
Prerequisite: ART 1270. A course in advanced illustration that expands upon concepts and techniques acquired in ART 1270. Emphasis on specialized application of illustrative skills: medical, technical, product, anthropological, natural science illustration and illustration as journalism. Credit: 3 semester hours. Studio fee, $50.

2310 Painting I
An introduction to painting composition emphasizing the development of various technical skills. Projects are observation-based and employ perspective, color theory, and process. Credit: 3 semester hours. Studio fee, $50.

2320 Painting II
Prerequisite: ART 1200, 2310. This course builds on the principles of Painting I encouraging investigation into painting’s conceptual, material, and expressive possibilities. Credit: 3 semester hours. Studio fee, $50.

2340 Painting in Italy (Abroad)
An introduction to the practice of on-site painting based on the global study location and its environs. Credit: 3 semester hours.

2430 Figurative Sculpture
An introduction to the principles and practices of figure sculpture. Credit: 3 semester hours. Studio fee, $50.

2520 Printmaking II
This course introduces the methodologies and concepts of planographic methods of printmaking processes. These processes include stencils, screen-printing, transfer methods, monoprints and variety of newer adaptations, such as polyester plate lithography. Credit: 3 semester hours. Studio fee, $50.

2530 Printmaking III
Prerequisite: ART 1510, 2520. This course examines advanced concepts of printmaking processes extending expertise from introductory printmaking. Students will adapt a wider and more complex variety of printing techniques while understanding the changing role of the medium. Credit: 3 semester hours. Studio fee, $50.

2650 Documentary Photography
Prerequisite: ART 1610; 1080 or 1085 can also serve as prerequisite with permission of chair. Documentary approaches to photographing people, places and events; creation of photographic images that articulate a vision of social and interpersonal issues. DSLR camera recommended. Credit: 3 semester hours. Studio fee, $50.

2730 Renaissance Art
After briefly considering the Byzantine and Gothic legacy, the course will examine painting, sculpture, architecture, and to a lesser extent, crafts of Italy during the fourteenth, fifteenth, and sixteenth century. Credit: 3 semester hours.
2740 European Art—19th Century
This course surveys developments in European painting, sculpture and architecture from 1789 through the close of the 19th century. Credit: 3 semester hours.

2750 Twentieth-Century Art
This survey course introduces students to methods of visual, critical and art historical analysis, focusing on art works, artists and art movements, critical writing and art institutions of the twentieth century, treated in light of socio-political and cultural developments of this period. Credit: 3 semester hours.

2760 Latin American Art: Encounters Between Two Worlds
A study of the art history of Latin America from Pre-Columbian times to the colonial and the modern periods, all of which were characterized by widespread and intense encounters between people of radically different cultural values. Credit: 3 semester hours.

2765 Islamic Art
This course explores Islamic art and architecture from around the globe, dating from the era of the seventh-century CE foundation of Islam to the present. Credit: 3 semester hours.

2770 Women in the Arts
A survey of art history through the lens of gender studies, introducing students to an expanded canon of art history and to critical, theoretical, and historical writing on the subject of women in the arts. Credit: 3 semester hours.

2790 Contemporary Art and Culture, 1945–Present
Focusing on international art of the postwar period, this course examines works, artists, art movements, exhibitions and institutions in relation to critical and theoretical texts and through interdisciplinary methods, locates developments in global contemporary art in socio-political and cultural contexts. Credit: 3 semester hours.

2800 Criticism Theory & Practice
A survey of theoretical texts informing contemporary art making over the last three decades and the application of new vocabulary, concepts, and analytical tools in creative studio work. Credit: 3 semester hours.

2929 Culture of Southern Italy, A Visual Journey (Abroad/Mini-Session)
A workshop photography course concentrating on the documentation of people, places, culture and history. Digital camera required. Credit: 3 semester hours.

3010 Special Topics in Studio Art
Prerequisite: For junior or senior BFA majors. This course provides opportunities for students to engage in supervised projects that bring variable discipline-specific knowledge and methodological inquiry to bear on the practice of creating visual art. Credit: 3 semester hours. Studio fee, $50.

3015 Special Topics in Design
Prerequisite: ART 2125. This course provides opportunities for students to engage in supervised projects that bring variable discipline-specific knowledge and methodological inquiry to bear on issues in the field of design. Credit: 3 semester hours. Studio fee, $50.

3110 Professional Portfolio
A pre-professional course in which students with clarified career goals refine and perfect their portfolios by emphasizing the needs and concerns of target markets. Business skills, legal, contractual and taxation issues prepare the student for the professional world. Credit: 3 semester hours. Studio fee, $50.

3115 Book Arts
Prerequisite: ART 1105, 1510. This course will introduce students to the book as an art form. Emphasis is on visual and conceptual structuring of the book that investigates the interplay between idea and form. Various methods of book construction will be taught along with basic printing techniques encompassing traditional and digital methods that focus on the sequencing of images. Credit: 3 semester hours. Studio fee, $50.

3120 Web Design
Prerequisite: ART 1105. This course is specifically structured to introduce art majors to the tools and visual language required for successful web design. Credit: 3 semester hours. Studio fee, $50.

3125 Advanced Typography
Prerequisite: ART 2125. Complex typographical concerns exploring the use of type in a variety of media, with emphasis on the development of a personal typographical problem solving. Credit: 3 semester hours. Studio fee, $50.

3130 Advanced Web Design
Prerequisite: ART 3120. This course is structured to introduce art majors to media rich Web design via coding and the integration of a variety of web tools. This design course allows students to add animation and interactivity to their web design projects. Credit: 3 semester hours. Studio fee, $50.

3135 Junior Design
Prerequisite: ART 3125. This course will emphasize the formal visual and theoretical competencies and skills needed in design problem solving through advanced level studio projects. Credit: 3 semester hours. Studio fee, $50.

3240 Drawing III
Prerequisite: ART 1200, 1210. This course focuses on the activity of drawing through the exploration of a variety of mediums and contemporary processes. While working from the basis of their own thematic and formal concerns, students will be directed through a series of experimental projects that investigate the fabrication of line and its relationship to other media. Credit: 3 semester hours. Studio fee, $50.

3300 Acrylic Painting
Developing a focus in stylistic and content concerns, this investigation pursues a refinement of the student’s directions in painting. Credit: 3 semester hours. Studio fee, $50.

3305 Figurative Painting (Painting III)
Prerequisite: ART 2220. Developing a focus in figurative concerns, this investigation pursues a refinement of the student’s directions in painting. Credit: 3 semester hours. Studio fee, $50.

3310 Acrylic Painting
Developing a focus in stylistic and content concerns, this investigation pursues a refinement of the student’s directions in painting. Credit: 3 semester hours. Studio fee, $50.

3320 Global Contemporary Art
This course introduces students to the conceptual, theoretical, and aesthetic themes/debate driving the current production of and discussion about contemporary art in a global context. Credit: 3 semester hours.

3350 Mixed Media Concerns
An advanced level of research pursuing high standards of studio creativity and application. Credit: 3 semester hours. Studio fee, $50.

3355 Experimental Printmaking
Prerequisite: Foundation courses within BFA major must be completed. This course will provide a creative and critical forum in which junior and senior level artists of diverse media can work on their own unique narrative projects simultaneously. Credit: 3 semester hours.

3360 Studio Seminar I
This studio course introduces students to methods for independent creative inquiry and artistic production. The course encourages thematically unified projects that are inventive and topical. Credit: 3 semester hours.

3365 The Visual Narrative
Prerequisite: Foundation courses within BFA major must be completed. This course will provide a creative and critical forum in which junior and senior level artists of diverse media can work on their own unique narrative projects simultaneously. Credit: 3 semester hours.

3370 Figurative Painting (Painting III)
Prerequisite: ART 2220, 2280. This course explores the planning, composition, and methods of narrative art and image creation, focusing on the development of image layout and methods that bring ideas from roughs to finished forms. Credit: 3 semester hours. Studio fee, $50.

3375 Ancient Egyptian and Mesopotamian Art
This course explores ancient Egyptian and Mesopotamian art and archaeology from approximately 3000 BCE to the Classical era. Credit: 3 semester hours.
Music Course Offerings (MUS)

**Literature and History of Music**

**1010 Introduction to Music**
An introduction to the art of listening to music through a discussion of the basic musical elements and musical structures. Credit: 3 semester hours.

**1070 The Opera**
Development of the opera from its antecedents prior to the 17th century through to the present, with particular emphasis on the distinct nature of opera as an independent art form. Credit: 3 semester hours.

**1080 World Music**
A survey of the history and development of music as a worldwide phenomenon, utilizing ethnomusicological methodology and cultural analysis as process. Credit: 3 semester hours.

**1085 Popular Music of the Non-Western World**
The course introduces students to ethnomusicology and the cross-cultural study of popular music and culture. It explores music, performance and ideas from around the world. The course explores the role of music in human life. No musical background is required. Credit: 3 semester hours.

**1210 Twentieth Century Music**
An in-depth study of the major musical trends of the 20th century. Credit: 3 semester hours.

**1230 History of American Popular Music**
A survey of popular music in America from colonial times to the present; a study of how popular music reflects the times and trends of American society. Credit: 3 semester hours.

**1240 History of Music in Film**
A survey of the history and development of music in films from its earliest use to present inclusion in motion pictures. Credit: 3 semester hours.

**1250 Sacred Music**
An intensive study of the literature of sacred music of the Western world from ancient times to the present. Credit: 3 semester hours.

**1260 The American Musical Theatre**
The history of the American musical; its early influences, its continued stylistic changes and its current trends. Credit: 3 semester hours.

**1300 History of Jazz**
A survey of the history and development of jazz as a unique American art form; the sociological, folk and primitive backgrounds of jazz, as well as its development as an improvisatory art; the contributions of jazz to concert music. Credit: 3 semester hours.

**Theory and Composition**

**1020 Theory I**
Scales, intervals, sight-singing, ear training, melodic dictation, elementary keyboard work, and the explanation of musical terminology. Credit: 3 semester hours.

**2020 Theory II**
Prerequisite: MUS 1020. A study of triads, sevenths, ninth, and elementary modulations; further practice in ear training, harmonic analysis of compositions with emphasis on the Bach chorales. Credit: 3 semester hours.

**Applied Music**

**1600; 2600 Piano I; II**
Private lessons in piano. Access to a piano is required. Credit: 1 semester hour per semester. Special fee, $500 per semester.

**1610; 2610 Guitar I; II**
Private instruction in guitar. Credit: 1 semester hour per semester. Special fee, $500 per semester.

**1620; 2620 Voice I; II**
Private lessons in voice. Instructor's studio or on campus. Credit: 1 semester hour per semester. Special fee, $500 per semester.

**1630; 2630 Flute I; II**
Private instruction in flute or wind instruments. Credit: 1 semester hour per semester. Special fee, $500 per semester.

**2501 The Gospel Choir**
A select ensemble of singers who explore, learn, and perform an exciting repertoire in the gospel music genre and several sub-genres as participants in Voices of Victory gospel choir. Audition required. Credit: 1.5 semester hours per semester.

**2502 Jazz Ensemble**
A select ensemble of instrumental musicians who will explore, learn, and perform an exciting repertoire in the jazz genre and various contemporary music genres as participants in the Jazz Ensemble. Audition required. Credit: 1.5 semester hours per semester.

**2503 Chamber Ensemble**
Prerequisite: Ability to read music. Chamber Music is a course that focuses on musical collaboration. Small ensembles of instrumentalists/singers explore chamber music repertory. Includes performance opportunities and master classes. Audition required. Credit: 1.5 semester hours per semester.

**2504 Mixed Chorus**
A select ensemble of singers who learn and perform an exciting repertoire in the classical, sacred, pop, and Broadway choral music genres as participants in the Mixed Chorus. Audition required. Credit: 1.5 semester hours per semester.
Asian Studies (ASC)

Major Sequence
36 semester hours including: 12 semester hours of language courses from Chinese (CHI), Japanese (JPN), or Korean (KOR); 1010, 1020, 1030, 2030, 2040, 3090, 3100 (Students may combine different languages, but must complete at least one course above level three); 24 semester hours of non-language courses chosen from any undergraduate Asian Studies course including ASC 1300 and 2610. Eligible juniors and seniors may also choose graduate-level Asian Studies or Chinese Studies courses with approval of the Director of the Institute of Asian Studies.

B.A./M.A.
Students accepted into the five-year B.A./M.A. program in Asian Studies matriculate for a total of 57 semester hours in ASC and CHI courses. On the undergraduate level, requirements include ASC 1300 and 2610. Students must also complete the following two required graduate-level courses: ASC 102 and 300. For specific M.A. degree program requirements, consult the St. John's University Graduate Bulletin.

Other Accelerated Degree Programs
The Institute of Asian Studies offers a number of undergraduate/graduate accelerated degrees with the Tobin College of Business: BA/MBA program and BA/MS in Accounting program. All students interested in the combined degree program must fulfill the eligibility requirements stated above for the B.A./MA.

Minor Sequence
18 semester hours including: six semester hours of ASC 1300 and 2610; six semester hours of Asian languages courses (CHI, JPN, or KOR), and six semester hours chosen under the advisement of the Director of the Institute of Asian Studies.

Asian Studies Course Offerings (ASC)

1330 Contemporary Korea
An introduction to modern Korea from WWII to the present, with special emphasis on the political, social and economic problems facing the divided Korean nation. Credit: 3 semester hours.

1480 Introduction to Chinese Thought
The basic ideas and concepts of Chinese civilization as expressed in its philosophy and writings from ancient to modern times. Credit: 3 semester hours.

1490 Introduction to Japanese Thought
The basic concepts of Japanese civilization as expressed in its philosophy and literature from ancient to modern times. Credit: 3 semester hours.

2610 Discovering China
Introduction to Chinese culture: institutions, philosophical trends, religion, art, literature, family/marriage, science and technology. Credit: 3 semester hours.

2710 Governments and Politics of the Far East
The political and institutional developments in the Far East, with major emphasis on China, Japan and Korea, their political backgrounds and present foreign relations. Credit: 3 semester hours.

2720 Governments and Politics of South and Southeast Asia
The political and institutional developments of South Asia, emphasizing India, Pakistan, Bangladesh, Sri Lanka and those of Southeast Asia, emphasizing Vietnam, Indonesia and the Philippines. Credit: 3 semester hours.

3710 Banking in East Asia
Banking in East Asia: core banking functions, types of banks, diversification of banking activities, risk management issues, bank failure and financial crises, and competitive issues. Credit: 3 semester hours.

4953 Reading and Research
Restricted Registration. Open to ASC majors only. With permission of the Director, a student conducts research under the guidance of a faculty advisor. Credit: 3 semester hours.

Chinese Course Offerings (CHI)

1010; 1020 Elementary Chinese
Prerequisite: CHI 1010 is a prerequisite for CHI 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. The development of audio-lingual activities, risk management issues, bank failure and financial crises, and competitive issues. Credit: 3 semester hours.

2030; 2040 Intermediate Chinese
Prerequisite: CHI 1020 or placement exam. CHI 2030 is a prerequisite for CHI 2040. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. A review of the essentials of grammar, extensive vocabulary building and development of writing skills. Credit: 3 semester hours per semester. GLCC fee, $50 per semester.

3090; 3100 Readings of Selected Chinese Essays
Prerequisite: CHI 2040 or placement exam. Readings of selected works of representative writers of Chinese literature. Credit: 3 semester hours per semester.
Japanese Course Offerings (JPN)

**1010; 1030 Elementary Japanese**

Prerequisite: JPN 1010 is a prerequisite for JPN 1030. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. Reading, writing, and conversation through a study of all major types of Japanese sentences. Study of the essentials of grammar, pronunciation, accent, intonation and vocabulary is emphasized. Credit: 3 semester hours per semester. GLCC fee, $50 per semester.

**2030; 2040 Intermediate Japanese**

Prerequisite: JPN 1030 or placement exam. JPN 2030 is a prerequisite for JPN 2040. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. This course increases the student's ability in comprehending, reading and writing Japanese. Credit: 3 semester hours per semester. GLCC fee, $50 per semester.

**3090; 3100 Readings in Selected Japanese Essays**

Prerequisite: JPN 2040 or placement exam. Intensive reading of selected essays compiled in Standard Japanese Readers, Book Two. 350 new Kanji are introduced. Credit: 3 semester hours per semester.

Korean Course Offerings (KOR)

**1010; 1020 Elementary Korean**

Prerequisite: KOR 1010 is a prerequisite for KOR 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. The students study the fundamentals of the Korean language with emphasis on the Korean alphabet, spelling, pronunciation and basic grammar. Credit: 3 semester hours per semester. GLCC fee, $50 per semester.

**2030; 2040 Intermediate Korean**

Prerequisite: KOR 1020 or placement exam. KOR 2030 is a prerequisite for KOR 2040. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. This course provides a systematic expansion of vocabulary and grammatical forms of standard Korean. Chinese characters, as used in Korean mixed script, are also introduced. Credit: 3 semester hours per semester. GLCC fee, $50 per semester.

**3090; 3100 Readings in Selected Korean Essays**

Prerequisite: KOR 2040 or placement exam. Completion of the introduction to Korean writing in mixed script and intensive reading in contemporary Korean essays. Credit: 3 semester hours per semester.

Biology (BIO)

**Major Sequence**

29 semester hours including: BIO 1000, 1001L, 2000, 2001L, 3000, 3001L and five BIO elective courses that account for at least seventeen semester hours. Two of these five BIO elective courses must be 4-credit courses. In addition, biology majors are required to take CHE 1210, 1220, 2230, 2240, MTH 1210, 1220 and PHY 1610, 1620 or 1930, 1940. BIO 1050, 1060, 1070, 1360, 1600 and 1600 are not applicable to the major sequence. Students are encouraged to take advantage of possibilities for research: BIO 4953 and 4954. Non-biology majors seeking to take one year of Biology should register for BIO 2000, 2001L, 3000, and 3001L.

**Pre-MD Track**

The Department of Biological Sciences offers Premedical Track in Molecular Biosciences for BIO Majors (PMD Track). The successful completion of the PMD Track requires 3.5 cumulative index overall and at least grades of B+ or better in each science course (math, physics, chemistry, biology). In addition to the requirements for BIO majors, the students in the PMD Track must take PHY 1930, PHY 1940 and three semesters of BIO 599A. The BIO elective courses must account for at least 19 credits and must include at least four courses from the following: BIO 2260, 2280, 3270, 3300, 3320, 3390, 3460, 3470, 3830, 4420.

**B.S./M.S.**

The Department of Biological Sciences offers an accelerated B.S./M.S. program designed to be completed in five years, which is open to undergraduate juniors with a 3.0 cumulative index overall and a 3.5 index in biology. B.S./M.S. students complete a total of 144 credits, 33 on the graduate level including BIO 207, 208, 211 and three semesters of BIO 599. Undergraduate credits must include BIO 1000, 1001L, 2000, 2001L, 3000, 3001L, 4953, 4954; and one of the following: BIO 3320, 3390, or 3470. In addition, all other science requirements for the major must be completed. Normally, students take BIO 207, 208, 211, and 248, or a comparable elective and one semester of BIO 599 in the fourth year, electives and two semesters of BIO 599 in the fifth year. Those selecting the thesis option also complete six credits of BIO 900 and additional elective credits. Other students complete additional elective credits. For detailed information, students should consult the Graduate Dean's Office during their freshman or sophomore year.

Minor Sequence

20 semester hours including: BIO 1000, 1001L, 2000, 2001L, 3000, 3001L, plus any two other courses listed in the current bulletin and approved by the department for majors. BIO 1050, 1060, 1070, 1360, 1600, and 1859 are not applicable to the minor sequence. Some of these courses have other prerequisites, such as CHE 2240.

Biology Course Offerings (BIO)

**1000 Fundamentals of Biology, I: Introduction to Population Biology**

Corequisite: BIO 1001L. Evolution, classification and taxonomy, population biology and ecology. Lecture, 3 hours. Credit: 4 semester hours.

**1001L Fundamentals of Biology I Laboratory**

Corequisite: BIO 1000. Principles of evolution, population biology and ecology from a laboratory perspective. Laboratory, 3 hours. Laboratory fee, $100.

**1050 Human Biology**

Aspects of human anatomy and physiology. Included are anatomy, physiology, cell biology, genetics, histology, embryology, growth and development. Not open to BIO majors. Credit: 3 semester hours.

**1060 Biology and Health**

The body in health and disease and a knowledge of the contemporary advances in medicine and allied health fields. Not open to BIO majors. Credit: 3 semester hours.

**1070 Environmental Biology**

Human ecology and evolution; interrelations between humans and environment at the individual, population and ecosystem levels. Not open to BIO majors. Credit: 3 semester hours.

**1360 Biology and Society**

Environmental science and its relation to the human condition, changes in population, resources of the earth, chemicals in the environment and human health. Not open to BIO majors. Credit: 3 semester hours. (SI)

**1600 Field Biology (Mini-Course)**

General principles of ecology and field sampling techniques to measure parameters that influence the distribution of organisms in various ecosystems. Field trips required. Not applicable in major or minor sequences. Not open to students who have previously taken BIO 3370. Credit: 3 semester hours.

**1859 Tropical Ecology and Evolution**

Study Abroad Winter Intersession field course to the Ecuadorian Highlands and Galapagos Islands. Not open to BIO majors. Credit: 3 semester hours.
2000 Fundamentals of Biology, II: Introduction to Cell and Molecular Biology
Prerequisite: CHE 1210. Corequisite: BIO 2001L. Basic principles governing the activities of living organisms at the molecular and cellular levels. Lecture, 3 hours. Credit: 3 semester hours.

2001L Fundamentals of Biology II: Laboratory
Corequisite: BIO 2000. The principles and concepts of molecular and cell biology from a laboratory perspective. Laboratory, 3 hours. Credit: 1 semester hour. Laboratory fee, $100.

2250 Introduction to Neurobiology
Prerequisite: BIO 2000, 3000. The nervous systems from invertebrate to mammals focusing primarily on the mechanisms by which the brain functions. Credit: 3 semester hours.

2260 Cellular Biology of Human Tissues
Prerequisite: BIO 3000, 3001L. Corequisite: BIO 2261L. Human tissues, with emphasis on the cellular and molecular bases of their organization and function. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

2270 Introduction to Virology
Prerequisite: BIO 2280. Introduction to the biology of viruses including structure, replication, disease causation, and host response to infection. Lecture, 3 hours. Credit: 3 semester hours.

2280 General Microbiology
Prerequisite: BIO 3000, 3001L. Corequisite: BIO 2281L. Form and function in prokaryotic and eukaryotic microorganisms; microbial growth, metabolism, genetics, biochemistry and host defenses against microbial infection. Lecture, 3 hours. Laboratory, 3 hours. Credit: 4 semester hours. Laboratory fee, $100.

2290 Immune System in Human Disease
Prerequisite: BIO 2000 or consent of instructor. Introduction into the role of immune system in human diseases. Lecture, 3 hours. Credit: 3 semester hours.

2300 Biochemistry of Beermaking and Winemaking
Prerequisite: BIO 2000 or consent of instructor. An introduction into basic biochemical concepts of beer making, winemaking, and industrial ethanol production. Lecture, 3 hours. Credit: 3 semester hours.

2310 Botany
Prerequisite: BIO 1000, 1001L. Corequisite: BIO 2311L. The biology of plants: their morphology, evolution and classification. Field trips required. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

2311L Cell Biology
Corequisite: BIO 1000 or consent of instructor. Corequisite: BIO 2311L. Introduction to major cell biological principles of freshwater and marine habitats. Field trips required. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

2859 Island Biogeography
Prerequisite: BIO 1000, 2000. Principles of biogeography illustrated and explored during a winter intersession trip to Ecuador, including the Galapagos. Credit: 3 semester hours.

2500 Fundamentals of Biology, III: Introduction to Organismic Biology
Prerequisite: BIO 2000. Corequisite: BIO 3001L. Basic principles of physiological function and developmental processes. Lecture, 3 hours. Credit: 3 semester hours.

2501L Fundamentals of Biology III: Laboratory
Prerequisite: BIO 2001L. Corequisite: BIO 3000. The principles of physiology and development from a laboratory perspective. Laboratory, 3 hours. Credit: 1 semester hour. Laboratory fee, $100.

3270 Developmental Biology
Prerequisite: BIO 3000, 3001L. Corequisite: BIO 3271L. How the fertilized egg develops into a complex organism. Both descriptive embryology and experimental analysis of development are studied. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3300 General Physiology
Prerequisite: BIO 3000, 3001L, CHE 2230. Cell functions and intercellular relationships necessary for an understanding of the whole (multicellular) organism. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3320 Genetics
Prerequisite: BIO 3000, 3001L. Corequisite: BIO 3321L, CHE 2240. The principles of genetics including the consideration of the nature of genetic material, its mode of transmission, modes of expression and mechanisms of gene action. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3360 Foundations of Physical Chemistry for Life Sciences
Prerequisite: MTH 1220 or 1740, PHY 1620 or 1940. Review of thermodynamics, kinetics, quantum mechanics, and spectroscopy for students in the life sciences. Credit: 3 semester hours.

3330 General Physiology
Prerequisite: BIO 3000, 3001L, CHE 2230. Cell functions and intercellular relationships necessary for an understanding of the whole (multicellular) organism. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3370 Ecology
Prerequisite: BIO 1000 or consent of instructor. Corequisite: BIO 3371L. Ecological principles concerning animals and plants, with emphasis on group phenomena, especially the dynamics and evolution of ecosystems, communities and populations. Field trips required. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3390 Biochemistry
Prerequisite: BIO 3000, 3001L, and CHE 2240 or consent of instructor. Corequisite: BIO 3391L. An introduction to the chemistry of biological compounds; the principles of enzymology, the metabolism of carbohydrates, lipids, proteins and nucleic acids and the control of metabolism. Lecture, 3 hours. Laboratory, 3 hours. Credit: 4 semester hours. Laboratory fee, $100.

3450 Biological Inorganic Chemistry
Prerequisite: CHE 2240 or 2640. Applications of inorganic chemistry to biological systems with a focus on bonding, structure, and reactivity. Lecture, 3 hours. Credit: 3 semester hours.

3460 Concepts of Immunology
Prerequisite: BIO 3000, 3001L. Corequisite: BIO 3461L. Useful background: inorganic and organic chemistry, microbiology. An introduction to the organization and functions of the immune system along with basic experimental methodologies. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3470 Molecular and Cell Biology
Prerequisite: BIO 3000, 3001L. Corequisite: BIO 3471L. Molecular basis of gene expression in prokaryotic and eukaryotic cells, molecular principles of cell architecture and the cell cycle. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3480 Scientific Literacy/Integrity
Prerequisite: BIO 1000, 3000, and one BIO elective course. Critical evaluation of diverse forms of biology-related literature and interpretation of biological literature relevant to specific research questions. Lecture, 3 hours. Credit: 3 semester hours.

3490 Dental Preceptorship
Prerequisite: BIO 3000. Clinical observation in general dental practice and selected dental specialties. Credit: 1 semester hour.

3830 Bioinformatics
Prerequisite: BIO 3000, and 3320 or 3470, or consent of instructor. Corequisite: BIO 3831L. Integration of genetics, molecular biology and computational biology into the modern informational perspective of biology. Lecture, 3 hours. Laboratory, 3 hours. Credit: 4 semester hours. Laboratory fee, $100.

4420 Inquiry-based Genetics
Prerequisite: BIO 2000, 2001L, and consent of instructor. Corequisite: BIO 4421L. Genetics with Project Lab in Development, emphasizing team-based participation in a developmental genetics research project. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.
94951; 94952 Field Research in Biology
Prerequisite: 3.0 GPA, approval of the Undergraduate Educational Policy Committee and acceptance from a member of the department faculty for a field research project. Registration in both 94951 and 94952 simultaneously requires explicit approval of the UEPC. Qualified juniors and seniors majoring in biology may undertake directed field research. Field research work, 4 hours. Credit: 2 semester hours per semester.

94953; 94954 Research in Biology
Prerequisite: 3.0 GPA, approval of the Undergraduate Educational Policy Committee and acceptance from a member of the department faculty for a research project. Registration in both 94953 and 94954 simultaneously requires explicit approval of the UEPC. Qualified juniors and seniors majoring in biology may undertake directed research in a chosen field of biology. Laboratory and Seminars, 4 hours. Credit: 2 semester hours per semester. Laboratory fee, $100.

94955; 94956 Internship in Biology
Prerequisite: 3.0 GPA, approval of the Undergraduate Educational Policy Committee and acceptance from an off-campus mentor for an internship project. Registration for both BIO 4955 and BIO 4956 simultaneously requires explicit approval of the UEPC. Directed off-campus research project in biology for qualified juniors and seniors majoring in biology. Off-campus research work, 4 hours. Credit: 2 semester hours per semester.

Business (BUS)

Minor Sequence
18 semester hours including: ACC 2338, 2339; ECO 1301, 1302; MGT 2301; MKT 2301. Note: Business courses are taught by the Peter J. Tobin College of Business faculty. Students interested in pursuing the Business minor should consult the Peter J. Tobin College of Business section of this bulletin for a list of course offerings.

Chemistry (CHE)

Major Sequences
46 to 51 semester hours including: CHE 1310, 1313L, 1320, 1323L; 2630 and 2633L, or 2230; 2640 and 2643L, or 2240; 3000; 3210 or 3280; 3220 or 3270; 3250, 3300, 3320, 3340, 3440. All CHE majors must also complete one option, Option I, or II, or III (see below). In addition, all chemistry majors must take MTH 1730, 1740, and PHY 1930, 1940.

Option I: B.S. in Chemistry (46-47 credits)
One of the following: CHE 3260, 3330, 3360, 3390, 3420, 3431, 3450, 4351, 4361, 4903, or a 100 level graduate CHE course.

Option II: B.S. in Chemistry with American Chemical Society Certification (50-51 credits)
CHE 3390 and one of the following: CHE 2630, 3330, 3360, 3390, 3420, 3431, 3450, 4351, 4361, 4903, or a 100 level graduate CHE course.

Option III: B.S. in Chemistry with a Concentration in Biochemistry (51 credits)
CHE 3390 and BIO 3470. CHE 3330, 3360, 3450 and BIO 3320 are also highly recommended electives.

B.S./M.S.
Students admitted to the accelerated B.S./M.S. program in Chemistry take as their major sequence in Chemistry for their baccalaureates the following 41–42 semester hours: CHE 1100 College Chemistry and Organic Chemistry

Chemistry Course Offerings (CHE)

1100 College Chemistry
A study of some of the basic concepts of chemistry, with an emphasis on chemical stoichiometry and the relationship between the periodic table and the chemical and physical properties of elements and their compounds. A preparatory course for General Chemistry (CHE 1210) for students whose background in science is weak and for those who have had no prior CHE course. Lecture, 2 hours. Recitation, 1 hour. Credit: 3 semester hours.

1110; 1120; 1130 Introduction to General and Organic Chemistry
Prerequisite: CHE 1100 (or another prior CHE course) is a prerequisite for CHE 1110. CHE 1110 is a prerequisite for CHE 1120. CHE 1120 is a prerequisite for CHE 1130. Corequisites: CHE 1111L and 1112R are corequisites for CHE 1110. CHE 1121L and 1122R are corequisites for CHE 1120. CHE 1131L and 1132R are corequisites for CHE 1130. An introduction to the principles and concepts of general and organic chemistry for students planning to pursue the Pharm.D. or P.A. degree in Pharmacy. Course sequence does not satisfy the CHE requirements for BIO or CHE majors or Pre-Med students. Not applicable to the CHE minor sequence. Lecture, 3 hours. Recitation, 1.5 hours. Laboratory, 3.3 hours. Credit: 4 semester hours per semester. Laboratory fee, $100 per semester.

1140 Introduction to General and Organic Chemistry
Prerequisite: CHE 1100. Corequisite: CHE 1141L, 1142R. A continuation of CHE 1110, 1120 and 1130 to complete a sequence equivalent to CHE 1210, 1220, 2230 and 2240. This course provides more advanced topics in chemical structure, thermodynamics, kinetics and organic chemistry required of students interested in the sciences or pre-medical professional fields. Note: Course along with 1110, 1120 and 1130 satisfies CHE requirements for BIO/CHE majors and Pre-Med students. Lecture, 3 hours. Recitation, 1.5 hours. Laboratory, 3.3 hours. Credit: 4 semester hours. Laboratory fee, $100.

1210 General Chemistry I
Prerequisite: CHE 1100 (or another prior CHE course). Corequisite: CHE 1211L, 1212R. Principles and concepts of chemistry with emphasis on stoichiometry, atomic and molecular structure and inorganic chemical reactions. In the laboratory, emphasis is placed on quantitative measurements. Lecture, 3 hours. Recitation, 1.5 hours. Laboratory, 3.3 hours. Credit: 5 semester hours. Laboratory fee, $100.
1220 General Chemistry II
Prerequisite: CHE 1210. Corequisite: CHE 1221L, 1222R. Introductory physical chemistry focusing on equilibrium, kinetics, electrochemistry and properties of matter, including acids and bases. Lecture, 3 hours. Recitation, 1.5 hours. Laboratory, 3.3 hours. Credit: 5 semester hours. Laboratory fee, $100.

1310 Advanced General Chemistry I
Prerequisite: At least one year of chemistry and one year of pre-calculus in high school. Corequisite: CHE 1310L, MTH 1730. Principles and concepts of chemistry emphasizing quantum mechanics, thermodynamics, physical properties of solids, liquids and gases, equilibria, acids and bases. Lecture, 3 hours. Credit: 3 semester hours.

1311 Advanced General Chemistry I: Laboratory and Recitation
Prerequisite: At least one year of chemistry in high school. Corequisite: CHE 1310L, MTH 1730. A course whose primary focus is on the procedures and techniques used in the modern chemical laboratory and recitation for the lecture CHE 1310. Recitation, 1.5 hours. Laboratory, 3.3 hours. Credit: 2 semester hours. Laboratory fee, $100.

1320 Advanced General Chemistry II
Prerequisite: CHE 1310 or CHE 1210 with consent of instructor. Corequisite: CHE 1320L. Principles and concepts of chemistry with a study of the elements and their compounds, including acid base chemistry, electrochemistry, transition metals, main group elements and nuclear chemistry. Lecture, 3 hours. Credit: 3 semester hours.

1321L Advanced General Chemistry II: Laboratory and Recitation
Corequisite: CHE 1320. A continuation of 1313L in which the primary focus is on the procedures and techniques used in the modern chemical laboratory and recitation for the lecture, CHE 1320. Recitation, 1.5 hours. Laboratory, 3.3 hours. Credit: 2 semester hours. Laboratory fee, $100.

2230; 2240 Organic Chemistry I; II
Prerequisite: CHE 1220 or 1320. CHE 2230 is a prerequisite for CHE 2240. Corequisite: CHE 2231L and CHE 2241L. An introduction to the fundamental principles of organic chemistry in which the synthesis, structure, and mechanisms of reactions of organic compounds are emphasized. Lecture, 3 hours. Laboratory, 4 hours. Credit: 5 semester hours per semester. Laboratory fee, $100 per semester.

2630; 2640 Advanced Organic Chemistry I; II
Prerequisite: CHE 1230 or 1220 with consent of instructor. CHE 2630 or 2230 with consent of instructor is a prerequisite for CHE 2640. Corequisite: CHE 2631L is a corequisite for CHE 2630. CHE 2643L is a corequisite for CHE 2640. A comprehensive treatment of the structure, bonding, and reactivity of organic molecules integrating an aggressive approach towards problem solving and pattern recognition. Credit: 3 semester hours per semester.

2633L; 2643L Advanced Organic Chemistry Laboratory and Recitation I; II
Corequisite: CHE 2630 is a corequisite for CHE 2633L. CHE 2640 is a corequisite for CHE 2643L. Students learn techniques and mindset of a safe, practicing organic chemist. The experiments are data-driven investigations wherein students demonstrate observational, problem-solving, and critical thinking skills. Recitation, 1.5 hours. Laboratory, 4 hours. Credit: 2 semester hours per semester. Laboratory fee, $100 per semester.

3000 Chemistry Seminar
Prerequisite: CHE 2220 or 2640. Examination of ethical reasoning, responsible conduct in research, safety in the chemical laboratory, and the dissemination of scientific results. Credit: 1 semester hour.

3210 Microscopic Physical Chemistry
Prerequisite: CHE 2240 or 2640, and MTH 1740, and PHY 1620 or 1940. An introduction to quantum mechanics: application to atomic structure, theories of chemical bonding, atomic and molecular spectroscopy, and computational quantum chemistry. Introduction to statistical thermodynamics. Credit: 3 semester hours.

3220 Macroscopic Physical Chemistry
Prerequisite: CHE 2240 or 2640, and 3210 or consent of instructor, and MTH 1740, and PHY 1620 or 1940. Corequisite: CHE 3320. Thermodynamics of pure substances, mixtures and chemical reactions, with emphasis on processes under non-standard state conditions; chemical kinetics; connecting micro- and macroscopic perspectives via statistical mechanics. Credit: 3 semester hours.

3250 Quantitative Analysis
Prerequisite: CHE 1220 or 1320. Corequisite: CHE 3251L. Quantitative analytical methods in chemistry. Buffer systems, important polybasic acids; an introduction to spectrophotometric and electrochemical methods. Lecture, 2 hours. Laboratory, 6 hours. Credit: 4 semester hours. Laboratory fee, $100.

3270 Physical Chemistry I
Prerequisite: CHE 2240 or 2640, and MTH 1720. Corequisite: PHY 1940. Kinetic theory of gases, thermodynamics of pure substances, mixtures and chemical reactions, chemical kinetics. Particular emphasis will be placed on processes under non-standard state conditions. Credit: 3 semester hours.

3280 Physical Chemistry II
Prerequisite: CHE 3270, MTH 1740. Corequisite: CHE 3320. Introduction to quantum mechanics and approximate methods, introduction to atomic and molecular spectroscopy and introduction to statistical thermodynamics. Credit: 3 semester hours.

3300 Instrumental Methods of Chemical Analysis
Prerequisite: CHE 3250, and 3220 or 3280. Corequisite: CHE 3301L. Basic electronics, principles of instrumentation, transducers for chemical systems, applications of instrumental measurements and techniques, including infrared, fluorescence, ultraviolet and nuclear magnetic resonance spectroscopy, gas chromatography, liquid chromatography, differential scanning calorimetry, electrochemical methods. Lecture, 2 hours. Laboratory, 6 hours. Credit: 4 semester hours. Laboratory fee, $100.

3320 Experimental Physical Chemistry
Corequisite: CHE 3321L, and 3220 or 3280. A laboratory course designed to correlate the abstract principles and equations of physical chemistry with the experimental observations upon which they are based. Lecture, 1 hour. Laboratory, 6 hours. Credit: 3 semester hours. Laboratory fee, $100.

3330 Bioorganic Chemistry
Prerequisite: CHE 2230 or 2630, and 2240 or 2640. The application of the principles and tools of organic chemistry to the understanding of biological processes involving proteins, nucleic acids and carbohydrates. Lecture, 3 hours. Credit: 3 semester hours.

3340 Advanced Inorganic Chemistry
Prerequisite: CHE 3280, MTH 1740. Nuclear chemistry, atomic theory and periodic properties; covalent, ionic and metallic bonding; introduction to molecular symmetry and point groups; acid-base theories and transition metal chemistry. Lecture, 3 hours. Credit: 3 semester hours.

3390 Biochemistry
Prerequisite: BIO 3000, 3001L, and CHE 2240 or 2640, or consent of instructor. Corequisite: CHE 3391L. An introduction to the chemistry of biological compounds; the principles of enzymology; the metabolism of carbohydrates, lipids, proteins and nucleic acids and the control of metabolism. Lecture, 3 hours. Laboratory, 3 hours. Credit: 4 semester hours. Laboratory fee, $100.

3420 Environmental Chemistry
Prerequisite: CHE 1220 or 1320. The chemical principles which govern environmental quality and environmental regulations are developed using specific examples such as global warming, ozone depletion, water quality and air pollution. Credit: 3 semester hours.
3431 Methods in Environmental Chemistry
Prerequisite: CHE 3420. Laboratory work providing hands-on experience with the techniques and instruments used in modern environmental investigations. Credit: 3 semester hours. Laboratory fee, $100.

3440 Introduction to Inorganic Synthesis
Prerequisite: CHE 3340. Corequisite: CHE 3441L. An introduction to the techniques and methods utilized in the synthesis and characterization of inorganic compounds. Lecture, 1 hour. Laboratory, 4 hours. Credit: 2 semester hours. Laboratory fee, $100.

3450 Biological Inorganic Chemistry
Prerequisite: CHE 2240 or 2640. Applications of inorganic chemistry to biological systems with a focus on bonding, structure, and reactivity. Lecture, 3 hours. Credit: 3 semester hours.

4351; 4361 Research Participation I; II
Prerequisite: CHE 2240 or 2640 and permission of the professor. Active participation in an ongoing research project of one of the faculty members. Affords first-hand experience in the scientific process of discovering and correlating new knowledge. Students taking these courses for either a major or a minor in chemistry must submit a written research report at the end. Research experience is highly recommended by the American Chemical Society. Laboratory hours arranged. Credit: 3 semester hours per semester. Laboratory fee, $100 per semester.

4903 Chemistry Internship
Prerequisite: CHE 2240 or 2640, and consent of instructor. This course provides credit for a well-designed program of summer research or industrial participation in the chemical sciences. Students enrolled must spend at least 300 hours in academic research or in another activity associated directly with the chemical industry. Students are required to write a comprehensive, scholarly report covering all aspects of their work. Credit: 3 semester hours.

Communication Sciences and Disorders (CSD)

Major Sequence

Speech-Language Pathology and Audiology
39 semester hours including: CSD 1710, 1720, 1730, 1740, 2710, 2750, 2760, 2770, 2810, 4990, and nine semester hours chosen from: CSD 1155, 1750, 1810, 1820, 2775, 2780, 3840, 4810, 4953.

Minor Sequence

Speech-Language Pathology and Audiology
21 semester hours including: CSD 1710, 1720, 1730, 1740, 2750, 2760, and 2770.

Speech-Language Pathology and Audiology Course Offerings (CSD)

1155 Language and Intercultural Communication
Credit: 3 semester hours.

1170 Phonetics
A study of articulatory phonetics, broad and narrow transcription of American English (using the International Phonetic Alphabet); elements of dialects and accents. Credit: 3 semester hours.

1720 Anatomy and Physiology of the Speech System
Prerequisite: CSD 1710 or permission of the department. The anatomy and physiology of breathing, phonatory, and articulatory systems as they are used in speech. Introduction to the nervous system, particularly as the controller of the speech mechanism. Credit: 3 semester hours.

1730 Language Acquisition
Prerequisite: CSD 1710 or permission of the department. Phonological, morphological, syntactic, semantic, pragmatic and cognitive aspects of language acquisition in the normally developing child are analyzed. Credit: 3 semester hours.

1740 Introduction to Hearing Science
Anatomy, physiology and neurophysiology of the hearing mechanisms; theories of hearing, acoustical characteristics to sound and their measurement. Credit: 3 semester hours.

1750 Speech Science
Prerequisite: CSD 1710, 1720, or permission of the department. The acoustic characteristics of speech and their relation to articulatory and perceptual events; introduction to speech perception. Credit: 3 semester hours.

1760 Introduction to Sign Language I
Introduction to the basic manual communication skills of the deaf, development of receptive and expressive skill necessary for proficiency in American Sign Language. Not applicable to the speech pathology audiology major. Credit: 3 semester hours.

1810 Introduction to Phonology
An introduction to the study of sound systems found in language and its application to areas such as language acquisition, speech pathology, dialectal variation and historical change. Credit: 3 semester hours.

1820 Neurological Bases of Normal Human Communication and Balance
Prerequisite: CSD 1710, 1720, or permission of the department. Basic anatomy and physiology of the human neurological system as it pertains to normal communication processes and balance. Credit: 3 semester hours.

2710 Writing for Research and Clinical Practice
Prerequisite: CSD 2760, or 2770, or permission of the department. Writing research, clinical and professional documents in communication sciences and disorders. Credit: 3 semester hours.

2750 Introduction to Audiology
Prerequisite: CSD 1740 or permission of the department. Measurement of hearing, including pure tone and speech audiometry, immittance testing, and special tests. Interpretation of audiograms and screening procedures and pathologies of the auditory system. Credit: 3 semester hours.

2760 Language Disorders across the Lifespan
Prerequisite: CSD 1710, 1720, 1730, or permission of the department. Disorders of language in pediatric, adolescent, and geriatric populations. Supervised interaction with clinical populations required. Credit: 3 semester hours.

2770 Speech Disorders across the Lifespan
Prerequisite: CSD 1710, 1720, 1730, or permission of the department. Disorders of speech in pediatric, adolescent, and geriatric populations. Supervised interaction with clinical populations required. Credit: 3 semester hours.

2775 Language-Based Learning Disabilities
Prerequisite: CSD 2760 or permission of the department. Language development, disorders, and their relation to learning and reading disabilities. Assessment and intervention strategies for young and older children, and for adolescents with language-based learning disabilities. Credit: 3 semester hours.

2780 Aural Rehabilitation for the Hearing Impaired Child
Prerequisite: CSD 1740, 2750, or permission of the department. The effect of hearing loss on the communication skills of hearing impaired children. Theoretical considerations in education, (re)habilitation, speech reading, language therapy, auditory training, and amplification systems. Credit: 3 semester hours.

2790 Introduction to Sign Language II
Prerequisite: CSD 1760, or permission of the department. The second level of American Sign Language (ASL II), providing increased knowledge of the gestural language used by deaf persons in the U.S. and Canada, except in Province of Quebec. Not applicable to the speech pathology audiology major. Credit: 3 semester hours.
2810 Observation Skills in Speech-Language Pathology and Audiology
Prerequisite: CSD 2760 or 2770, or permission of the department. Objective identification and written evaluation of assessment and treatment processes in speech-language pathology and audiology; factors affecting service delivery; social implications of the therapeutic process. Credit: 3 semester hours.

3840 Diagnostic Methods in Speech-Language Pathology
Prerequisite: CSD 2760, 2770, or permission of the department. Procedures for studying, evaluating and assessing various pathologies of speech, language and communication by lecture and observation. Credit: 3 semester hours.

4810 Clinical Practicum in Audiology
Prerequisite: CSD 1740, 2750, or permission of the department. Measurement of pure tone and speech thresholds, screening procedures, interpretation of audiograms, and special tests for audiological assessment of hearing loss. Credit: 3 semester hours.

4953 Independent Study
Study of specific topics in communication sciences and disorders under the guidance of a faculty member. Students must select a mentor for this study. Credit: 3 semester hours.

4990 Seminar
Contemporary issues in communication sciences and disorders. Research tools for advanced study and professional growth; research design, tests and measurements, statistical analysis and computer applications. Credit: 3 semester hours.

Economics (ECO)

Students interested in pursuing the ECO major/minor should consult the Peter J. Tobin College of Business section of this bulletin for a list of course offerings.

Major Sequence
18 semester hours including: ECO 1301, 1302, 2309, and nine semester hours in ECO selected in consultation with a departmental advisor.

ECO 1326 and ECO 2327 are not applicable to the minor sequence.

Students must complete MTH 1310, 1320, and CIS 1332 or DS 2333; and be in junior standing (having 56+ credits) to enroll in junior or senior level business courses (courses numbered 3000 or above).

Note: ECO courses are taught by The Peter J. Tobin College of Business faculty.

English (ENG)

Major Sequence
36 semester hours including: ENG 1100C, 2200, 2300, and one course in each of the four divisions (I-IV) of literary studies, a seminar, and twelve semester hours in ENG electives offered by the department.

B.A./M.A.
The students accepted in the five-year B.A./M.A. program matriculate for 24 undergraduate credits, including the three required English courses (ENG 1100C, 2200 and 2300), and a seminar. They matriculate for a total of twelve graduate credits as an underclassmen, counting these credits toward their undergraduate major either as divisional requirements or electives.

They matriculate in two graduate courses in the junior year and two graduate courses in their senior year and continue with upper level courses in the fifth year of study. Eligibility for this program requires a 3.0 overall index with a 3.5 index in English. For additional requirements for the master’s degree, consult the St. John’s University Graduate Bulletin.

Minor Sequence
18 semester hours including: ECO 1301, 1302, 2309, and nine semester hours in ECO selected in consultation with a departmental advisor. ECO 1326 and ECO 2327 are not applicable to the minor sequence.

Students must complete MTH 1310, 1320, and CIS 1332 or DS 2333; and be in junior standing (having 56+ credits) to enroll in junior or senior level business courses (courses numbered 3000 or above). MTH 1320 is one of the prerequisites for DS 2333. ECO majors are also encouraged to take a computer science course, e.g., CSC 1390 or CIS 1332.

Minor Sequences

English
18 semester hours including: ENG 1100C, 2200, a seminar, and nine semester hours in ENG electives offered by the department.

Creative Writing
18 semester hours including: ENG 1100C, 3720, nine semester hours of creative writing courses, and three semester hours of literature electives from the 3000 level.

Note: It is possible to major in English and minor in Creative Writing. Students interested in this option should see the chair.

Major Division of Literary Studies
Students are required to take at least one course from each of the following four major divisions of literary studies.

Division I: Medieval and Renaissance English Literature

3000 Medieval Romance
An introduction to the genre of medieval romance, one of the most important narrative forms in later medieval literature. Credit: 3 semester hours.

3100 Medieval English Literature
Major literary works from Beowulf to the mid-15th century. Credit: 3 semester hours.
3110 Chaucer
A study of the poetry of Chaucer, with an emphasis on The Canterbury Tales. 
Credit: 3 semester hours.

3120 Renaissance Literature
Major non-dramatic writers of the late 15th and 16th centuries. Credit: 3 semester hours.

3130 Shakespeare: The Elizabethan Plays
A close study of approximately seven plays representative of the genres of history, comedy and tragedy and expressive of Shakespeare's early idealism. Credit: 3 semester hours.

3140 Shakespeare: The Jacobean Plays
A close study of approximately seven plays representative of the genres of tragedy, problem comedy and romance, and expressive of Shakespeare's mature vision. Credit: 3 semester hours.

3150 Elizabethan and Jacobean Plays
A study of representative playwrights other than Shakespeare. Credit: 3 semester hours.

3160 Seventeenth Century English Literature
A study of the schools of Jonson and Donne, and other important poetry of the 17th century. Credit: 3 semester hours.

3170 Milton
A study of Milton's complete poetry and selected prose. Credit: 3 semester hours.

3180 Medieval Epics and Sagas
An introduction to medieval epics and sagas—narratives about the historical past in either verse or prose that celebrate heroes and the grandeur of their deeds. Credit: 3 semester hours.

3190 Special Topics in Medieval and Renaissance English Literature
A study in special themes and topics in literature and cultural studies, from the beginning of the Middle Ages through Milton and the Puritan revolution. The course material is intended to supplement the regular course offerings in Division I. Credit: 3 semester hours.

Division II: Eighteenth- and Nineteenth-Century English Literature

3200 Eighteenth-Century English Literature
A study of major 18th-century writers, including Dryden, Pope, Swift and Johnson. Credit: 3 semester hours.

3210 The Drama: 1660–1870
English drama from the Restoration to the beginning of the modern period. Credit: 3 semester hours.

3220 Eighteenth-Century Novel
A study of the beginnings of the English novel through to the works of Jane Austen. Credit: 3 semester hours.

3230 Nineteenth-Century Novel
A study of the distinctive genres of Romantic and Victorian prose fiction, including the Gothic, detective fiction, stories of adventure and exploration, and the realistic novel. Credit: 3 semester hours.

3240 Romantic Literature
A study of the major figures of the first and second Romantic generations—Blake, Godwin, Wollstonecraft, Wordsworth, Coleridge, Austen, Byron, the Shelleys, Keats—with readings in poetry, prose fiction, journalism, correspondence and literary criticism. Credit: 3 semester hours.

3250 Victorian Literature
A study of the genres and functions of literature of Victorian Britain, with emphasis on the emergence of the professional writer as revolutionary, sage and social critic. Credit: 3 semester hours.

3260 Women Writers of the Nineteenth Century
A study of the political and cultural contexts of writing by women in the 19th century, including prose fiction and social criticism by figures such as Jane Austen, Mary Shelley, Margaret Fuller, the Brontes and George Eliot. Credit: 3 semester hours.

3270 Eighteenth-Century British Poetry
Study of the diverse poetic traditions and literary cultures of Britain in the long eighteenth century. Credit: 3 semester hours.

3290 Special Topics in 18th- and 19th-Century English Literature
A study of special themes and topics in literature and cultural studies, from the early modern period to the threshold of the 20th century (1660–1900). The course material is intended to supplement the regular course offerings in Division II. Credit: 3 semester hours.

Division III: American Literature Until 1900

3300 Colonial American Literature
A study of the literary movements of the colonial period in America from the Puritans through the Federalist writers, including the oral traditions of Native Americans. Credit: 3 semester hours.

3310 Antebellum American Literature
A study of 19th-century literature, with an emphasis on the writers of the American Romantic tradition. Credit: 3 semester hours.

3320 Nineteenth-Century American Fiction
A study of the novelists and fiction writers of the 19th century in America, including Hawthorne, Melville, Poe and Stowe. Credit: 3 semester hours.

3330 African-American Literature to 1900
A study of African-American literature to 1900, using texts such as slave and travel narratives, fiction, drama and poetry, as well as texts drawn from other disciplines. Credit: 3 semester hours.

3340 American Realism and Naturalism
A study of the realist and naturalist traditions of American prose, including Howells, James, Crane, Twain, Dreiser and other writers of the late 19th and early 20th centuries. Credit: 3 semester hours.

3350 American Women Writers to 1900
A study of the writing by women in colonial and 19th-century America. Credit: 3 semester hours.

3360 Early National American Literature
A study of U.S. literature between the Revolution and the presidency of Andrew Jackson. Authors may include Susannah Rowson, Royall Tyler, Washington Irving, Catherine Sedgwick, James Fenimore Cooper and Lydia Maria Child. Credit: 3 semester hours.

3370 International Context for Early American Literature
Early American literature in context with other literatures from around the globe. Credit: 3 semester hours.

3375 Environmental Literature
Examines early American writing about nature and the environment. Credit: 3 semester hours.

3380 Selected Themes and Authors in Early American Literature
A close study of selected themes and authors Credit: 3 semester hours.

3390 Special Topics in American Literature to 1900
A study of special themes and topics in literature and cultural studies, from the colonial period of American literature up to 1900. The course is intended to supplement the regular course offerings in Division III. Credit: 3 semester hours.

Division IV: 20th-Century American and British Literature

3400 Modernist Literature
A study of the emergence of modernism in the literature and culture of the early 20th century, with an emphasis on the conception of the “modern” as new and distinct from the past and its insistence on experimentation. Credit: 3 semester hours.

3410 Modern Fiction
A study of the development of the novel and prose fiction in early 20th-century British and American literature, including such figures as Conrad, Joyce, Woolf, Hemingway, Fitzgerald and Faulkner. Credit: 3 semester hours.
3420 Contemporary Fiction
A study of the development of the novel and prose fiction since World War II in America and Great Britain, with an emphasis on the emergence of postmodernism in fiction.
Credit: 3 semester hours.

3430 Modern Poetry
A study of the great modernist poets of the early 20th century in America and Great Britain, including the works of Yeats, Eliot, Pound, Stevens, Williams and Auden.
Credit: 3 semester hours.

3440 Contemporary Poetry
A study of the poetry of important British and American poets since World War II, with an emphasis on the emergence of postmodernism in poetry.
Credit: 3 semester hours.

3450 Modern Drama
Readings and criticism of several important playwrights (Ibsen, Chekhov, Strindberg, Shaw, O'Neill and others).
Credit: 3 semester hours.

3460 Contemporary Drama
Readings of important post-war playwrights like Albee, Ionesco, Beckett and Pinter.
Credit: 3 semester hours.

3470 20-Century African-American Literature
Writers, movements and issues of 20th-century African-American literature, with an emphasis on the relation of literary to oral traditions.
Credit: 3 semester hours.

3475 African American Women's Rhetorics
This course examines multiple persuasive discourses—written, oral, and visual—of black women in the United States.
Credit: 3 semester hours.

3480 The Harlem Renaissance
A study of the literature of the Harlem Renaissance, the African American cultural movement that followed World War I and lasted in The 1930s.
Credit: 3 semester hours.

3490 Special Topics in 20th-Century British and American Literature
A study of special themes and topics in literature and cultural studies, from the turn of the century to the present in both America and Great Britain. The course is intended to supplement the regular course offerings in Division IV.
Credit: 3 semester hours.

Additional Courses

Note: Courses below marked with an asterisk may count as Division IV requirement.

3500 Classical Literature
A study of Western writers from Homer and the Greek tragedians through the Roman period, ending with St. Augustine.
Credit: 3 semester hours.

3510 Medieval and Renaissance European Literature
A study of Western writers from Dante and the High Middle Ages through the Renaissance.
Credit: 3 semester hours.

3520 Modern World Literature
A study of some major texts of European literature from the 17th century to the present.
Credit: 3 semester hours.

3530 The Gothic
An introduction to the history and cultural significance of Gothic genres, forms, styles, and recurrent horrors from the Romantic origins of the Gothic through its modernist and postmodernist representations.
Credit: 3 semester hours.

3540 Irish Literature
A study of Irish literature as a distinct and important body of work including a study of Irish folklore, important Anglo-Irish writers of the 18th and 19th centuries, the Irish Renaissance of the early 20th century, and the development of Irish literature after independence.
Credit: 3 semester hours.

3550 Short Fiction
A study of the major developments of this genre through an analysis of representative texts of Chekhov, Joyce, Lawrence, Kafka, Borges and others.
Credit: 3 semester hours.

3560 American Ethnic Literatures *
A study of works by culturally diverse American writers such as Toni Morrison, Maxine Hong Kingston, James Baldwin, Jamaica Kincaid, Derek Walcott, Sandra Cisneros, Louise Erdrich, Leslie Marmon Silko, Bharati Mukherjee, and August Wilson.
Credit: 3 semester hours.

3570 Women and Literature
This course explores writing by women. Texts may represent different historical periods, or ethnic allegiances, including poetry, fiction, drama, and autobiography.
Credit: 3 semester hours.

3580 Postcolonial Literature *
A critical introduction to the study of postcolonial literature through selected readings from contemporary African, American, Australian, Caribbean, Indian, and Latin American writers.
Credit: 3 semester hours.

3590 Literature and the Other Arts
A study of selected English and/or American literary texts are evaluated in relation to important works of music, painting, sculpture, dance, theater, and/or film.
Credit: 3 semester hours.

3600 Classical Epic in Translation
An examination of Greek and Roman epics from its oral origins in Homer, through its Alexandrian incarnation in Apollonius of Rhodes, to its use as political instrument in Virgil.
No knowledge of Greek or Latin required.
Credit: 3 semester hours.

3605 Ancient Comedy in Translation
Selected plays of the ancient Greek and Roman playwrights: Menander, Aristophanes, Plautus, and Terence.
Credit: 3 semester hours.

3610 Classical Drama in Translation
Readings and discussions of the representative plays of the classical Greek and Roman theatre.
No knowledge of Greek or Latin required.
Credit: 3 semester hours.

3620 Classical Mythology in Translation
A study through literary texts of mythology from Greek and Roman culture.
No knowledge of Greek or Latin required.
Credit: 3 semester hours.

3630 Utopian Fiction *
This course introduces intermediate and advanced undergraduates to a wide range of utopian fiction.
Credit: 3 semester hours.

3640 Vernacular Literature *
Fiction, poetry, and drama written in various forms of non-standard English.
Credit: 3 semester hours.

3645 Comparative Migration Literature
Fiction, poetry, drama, and literary nonfiction depicting the process of relocating permanently to a new country.
Credit: 3 semester hours.

3650 Caribbean Literature *
Study of the fiction, poetry, essays, and drama of the Caribbean and the Caribbean Diaspora.
Credit: 3 semester hours.

3660 South Asian Literature *
Study of the fiction, poetry, essays and drama of South Asia and the South Asian Diaspora.
Credit: 3 semester hours.

3670 Ethnic Autobiography
We will be reading a selection of “ethnic” American autobiographies, paying careful attention to how the genre, and “ethnic” autobiography in particular, deploys certain literary forms, strategies and devices to construct the self and the nation.
Credit: 3 semester hours.

3680 Reading the Body: Race, Gender, Text
Poststructuralist theories of gender, race, the text and the body.
Credit: 3 semester hours.

3690 Special Topics in Literary and Cultural Studies
A study of special themes and topics in cultural studies, transnational and trans-historical in focus and the ways in which the study of literature can become the basis for a study in “culture” in the broadest sense.
Credit: 3 semester hours.
Creative Writing Courses

3700 The Teaching of Writing
An introduction to composition theory and pedagogy, with special emphasis on one-to-one peer tutoring. Designed especially for education majors, minors and students interested in working in the Writing Center. Lecture, 2 hours. Laboratory (in Writing Center), 4 hours. Credit: 4 semester hours.

3710 Creative Writing
An introduction to writing various forms of nonfiction. Credit: 3 semester hours.

3720 Creative Writing: Nonfiction Prose
A course designed to help develop creative writing skills, with emphasis on traditional and contemporary forms of poetry, fiction, drama. Credit: 3 semester hours.

3730 Creative Writing: Poetry
Intensive writing workshop on poetry and poetics. Credit: 3 semester hours.

3740 Creative Writing: Fiction
Intensive writing workshop on fiction and fiction theory. Credit: 3 semester hours.

3750 Advanced Writing Workshop
An advanced composition course focusing on the writing of personal narratives, analyses, essays, arguments and research articles. Credit: 3 semester hours.

3760 Writing as Social Action
Rhetorical analysis of social movements. Students develop portfolios that demonstrate awareness of landmark activism and insight on self-selected organizations working for social justice or change. Credit: 3 semester hours.

3770 Advanced Fiction Writing Workshop
Advanced workshop in fiction and fiction theory. Credit: 3 semester hours.

3780 Advanced Poetry Writing Workshop
Advanced workshop in poetry and poetics. Credit: 3 semester hours.

3800 Working-Class Theory, Literature, and Culture
A survey of British and American cultural studies theories and an exploration of contemporary twentieth century literary and cultural representations of the working class. Credit: 3 semester hours.

3810 The History of Silent Film *
An advanced introduction to the history of silent film, studying major historical innovations, schools, and styles of filmmaking. Credit: 3 semester hours.

3820 The History of Sound Film to 1975 *
An introduction to the major national schools and styles of filmmaking from the period of sound’s innovation to the New Hollywood of the mid-70s. Credit: 3 semester hours.

3830 Topics in Film Authors
A study of films of a single director, and the intersection of those films with the director’s historical, cultural, and industrial conditions. Credit: 3 semester hours.

3880 English Studies in the Digital Age
This course investigates how digital technologies impact the way we read literary texts and it introduces students to debates and practices in the digital humanities. Credit: 3 semester hours.

3890 Topics in Film Genre *
A study of the formal similarities, stylistic and narrative patterns, and mythic values of a particular generic category of film production. Credit: 3 semester hours.

3900 Modern Rhetorical Theory
Examination of the development of rhetorical theory from the beginning of the twentieth century to the present including discussion of important thinkers, movements, and issues. Credit: 3 semester hours.

Seminars and Independent Study

4903 Internship in English and Related Fields
Restricted registration. Field work (8 hours per week) in selected organizations that utilize the English major’s writing and research skills under coordinated faculty and professional supervision. Credit: 3 semester hours.

4906 Internship in English and Related Fields
Restricted registration. Field work (16 hours per week) in selected organizations that utilize the English major’s writing and research skills under coordinated faculty and professional supervision. Credit: 6 semester hours.

4953 Independent Study
Restricted registration. Independent research in an area of the student’s own selection under the general advisement of a faculty member. Credit: 3 semester hours.

4991 Seminar in British Literature
Prerequisite: ENG 2200, 2300. Research problems in literature and criticism. Students may take more than one seminar. Limited to juniors and seniors. Credit: 3 semester hours.

4992 Seminar in Themes/Genres
Prerequisite: ENG 2200, 2300. Research problems in literature and criticism. Students may take more than one seminar. Limited to juniors and seniors. Credit: 3 semester hours.

4993 Seminar in Special Authors
Prerequisite: ENG 2200, 2300. Research problems in literature and criticism. Students may take more than one seminar. Limited to juniors and seniors. Credit: 3 semester hours.

4994 Seminar in Themes/Genres
Prerequisite: ENG 2200, 2300. Research problems in literature and criticism. Students may take more than one seminar. Limited to juniors and seniors. Credit: 3 semester hours.

Environmental Studies Program (ESP)

Major Sequences

B.A. in Environmental Sustainability and Decision-Making
45-46 semester hours including: ANT 1120; ESP 1010, 1020, 2160, 4990; ESP 2500 or GEO 2500; GEO 2001; GOV 1030, 2160; one course in applied statistics; and fifteen semester hours of major elective courses in consultation with the Director of the Environmental Studies Program.

B.S. in Environmental Science
50 semester hours including: BIO 1000, 1001L, 2000, 2001L, 3000, 3000L; CHE 1210, 1220, ESP 1010, 4990; GEO 2001; and nineteen semester hours of major elective courses in consultation with the Director of the Environmental Studies Program.

Special Note for Double Majors
Students with multiple majors, one of which is Environmental Studies, may not satisfy the elective portion of the environmental studies major sequence with courses also required in or being applied to the other major(s).

Minor Sequences

Environmental Studies
15 semester hours including: ESP 1010, GEO 2001, and nine semester hours of environmental electives in consultation with the Director of the Environmental Studies Program.

Environmental Education
15 semester hours including: ESP 1010, ESP 2150, GEO 2001, and six semester hours of environmental electives in consultation with the Director of the Environmental Studies Program.

Note: All 15 credits of the environmental studies minor courses must be from outside of the student’s major courses. No overlap between major and minor courses are permitted.
Environmental Studies
Program Course Offerings (ESP)

1010 Introduction to Ecological Principles
Principles governing the relationships between organisms and their environment. Spatial and temporal organization of ecosystems and distribution of biotic communities are emphasized. Credit: 3 semester hours.

1020 Methods of Environmental Analysis-Practicum
Prerequisite: ESP 1010. An analytical study of the current methods of environmental analysis focusing on interdisciplinary ecological, geophysical and technological measures. Campus-based field work required. Credit: 3 semester hours.

1050 Natural History of Metropolitan New York (Mini-Course)
Field trips to different natural areas in and around New York City to illustrate various principles of natural history study. Travel expense shared by all students. Not open to students with advanced biology training. Not applicable to major or minor sequences. Credit: 3 semester hours.

1060 Discover Bermuda: Adaptive Ecosystem Management, Sustainability and Socioeconomic Issues
This Bermuda based multidisciplinary course covers issues involved in environmental decision making such as sustainability, economic, ecological, sociological, ethical and educational. Includes both classroom lectures and field trips. Students should be able to swim and engage in fairly rigorous walking and hiking activities. Credit: 3 semester hours.

1120 Human Ecology
A study of the interrelationships between humanity, social and cultural evolution and the Earth. The nature and impacts of population growth, industry and technological progress are emphasized. Field trips may be included. Credit: 3 semester hours.

2110 The Coastal Environment
A systematic and regional analysis of the environmental problems caused by use and misuse of the coastal zone: estuaries, wetlands, saltmarshes, beaches, and alteration and pollution of these environments. Credit: 3 semester hours.

2160 American Environmental Politics and Policies
An analysis of the evolution of United States environmental policy and the influence of politics on those policies with particular emphasis on the late 20th century. Credit: 3 semester hours.

2170 Global Environmental Politics and Policies
An analysis of international concern for and policies dealing with global environmental issues. International treaties and accords as well as political differences between nations and groups of nations are emphasized. Credit: 3 semester hours.

2410 Principles and Practices of Sustainable Development
An analysis of the theoretical underpinnings and practical applications of sustainable development on a global, local and individual level; sustainable practices in areas such as building, waste management, industrial production and energy are included. Campus-based field work required. Credit: 3 semester hours.

2500 Environmental Management, Regulation and Decision-Making
Prerequisite: GOV 1030. Analysis of the major federal environmental statutes, their historical development and amendments, and their practical application in today's regulated community. Credit: 3 semester hours.

2510 Aquatic Ecology
Corequisite: ESP 2511L. Introduction to major ecological principles of freshwater and marine habitats; interrelationships among organisms; role of physical and chemical parameters at the population community and ecosystem level. Field trips required. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3320 Resource Management
Corequisite: ESP 3321L. An analysis of the goals, principles, methods and ecological measures currently employed by natural resource managers. Lab and field work required. Field trips required. Lecture, 2 hours. Laboratory, 4 hours. Credit: 4 semester hours. Laboratory fee, $100.

3480 Environmental Geology
Prerequisite: Sophomore standing or permission of the instructor. An analysis of the relationships between human beings and the Earth. Geological hazards, evolutionary Earth changes and the power of modern civilization to alter the Earth. Credit: 3 semester hours.

3481L Environmental Geology Laboratory
Classroom based activities, outdoor field trips and participation in a class project dealing with current environmental geology issues. ESP 3481L may be taken separately from ESP 3480. Laboratory, 3 hours. Credit: 1 semester hour. Laboratory fee, $100.

4903; 4906 Environmental Studies Internship
Prerequisite: Permission of the Director. An internship program with a variety of environmentally concerned public and private agencies, designed to present the practical side of environmental management. Open to ESP majors only. Credit: 3 to 6 semester hours.

4953; 4954 Research in Environmental Studies
Restricted registration. Selected environmental studies majors undertake guided research in the application of environmental principles and techniques in participating areas (anthropology, biology, chemistry, geography, government and mathematics). Open to seniors with a 3.0 GPA and approval of the Director of the Environmental Studies program and area Department Chair. Credit: 3 semester hours.

4990 Environmental Analysis Senior Seminar
Prerequisite: Junior or senior standing. An interdisciplinary, capstone seminar exploring the methods and current practices of analysis and problem solving in selected environmental fields and professions. Credit: 3 semester hours.

Government and Politics (GOV)

Major Sequences

Government and Politics
36 semester hours including: GOV 1030, 1050; one elective in each of the following areas:

International Relations: GOV 1610, 2170, 2640, 2810, 3260, 3630, 3670;
Comparative Government: GOV 1700, 2650, 2660, 2690, 2730, 2750, 3310, 3680, 3710, 3720, 3820, 3850, 3851;
Political Theory: GOV 1250, 1260, 1270, 1280;
Senior Seminar. GOV 4991, 4992, 4993, 4994, 4995.

In addition, majors must complete eighteen semester hours in GOV courses. Students are permitted a maximum of six hours in fieldwork courses. Eligible seniors may choose six elective hours from 100-level graduate courses.

Public Administration and Public Service
36 semester hours including: GOV 1030, 1530, 3540, 4995; one elective in each of the following areas:

International Relations: GOV 1610, 2170, 2640, 2810, 3240, 3620, 3630, 3680, 3720, 3750, 3760, 3820, 3850, 3851;
Comparative Government: GOV 1700, 2650, 2660, 2690, 2730, 2750, 3310, 3680, 3710, 3720, 3820, 3850, 3851;
Political Theory: GOV 1250, 1260, 1270, and 1280.

In addition, majors must complete 15 semester hours chosen from GOV 2400, 2420, 2430, 2470, 2480, 2500, 2580, 2955, 3450, 3460, 3570, 3590. Students are permitted a maximum of six hours in public administration fieldwork courses. Eligible seniors may also choose six elective hours from 100-level graduate courses.
Special Note for Double Majors

Students may major in both government and politics and public administration and public service. A maximum of six semester hours may be used to satisfy requirements in both majors. Thus, a double major has to complete a minimum of 66 semester hours. A double major is required to complete two courses in International Relations, Comparative Government, and Political Theory. A double major must also complete GOV 4995 and another seminar.

B.A./M.A.

Undergraduate students accepted into the accelerated B.A./M.A. program in Government and Politics will complete a total of 36 credits of combined Government and Politics undergraduate and graduate courses. Eligibility requires an overall 3.0 cumulative index and 3.5 index in major courses. In their fifth year, students pursue full-time graduate work completing the balance of credits necessary to meet the 33 credit M.A. degree requirement. Please see the department chair for further details.

Other Combined Degree Programs

The Department of Government and Politics offers a number of undergraduate/graduate combined degrees with the College of Professional Studies: BS/MA programs in Communication Arts, Criminal Justice, Health Care Administration, Journalism, and Paralegal Studies. All students interested in the combined degree program must fulfill the eligibility requirements stated above for the BA/MA.

Minor Sequences

Government and Politics

A. For all students, except Public Administration and Public Service majors: Any 18 semester hours in GOV.

B. For Public Administration and Public Service majors: Any 18 semester hours in GOV not utilized for the major.

C. For the Peter J. Tobin College of Business students: 18 semester hours including:

1. GOV 1030; ECO 1326 or MGT 3301; 2. One course in American Government chosen from: GOV 2400, 2470, 2480, 2500, 2510, 2950, 2955, 3450, 3460, 3590; 3. One course in International Relations chosen from: GOV 1610, 2640, 2810, 3340, 3620, 3630, 3670; 4. One course in Comparative Government chosen from: GOV 1700, 2650, 2660, 2690, 2730, 2750, 3680, 3710, 3720, 3820; 5. One course in Political Theory chosen from: GOV 1250, 1260, 1270, 1280;

6. To complete this minor, students apply their GOV courses to six credits in social science electives, three liberal arts credits and six general elective credits.

Note: Students, other than Public Administration and Public Service majors, who are interested in pursuing an M.A. in Government and Politics at St. John’s University, should take GOV 1010 and GOV 1030, one course in each of the following areas: International Relations, Comparative Politics, and Political Theory, and one elective GOV course.

Law and Government

A. For all students except Government and Politics majors: 21 semester hours including: GOV 1010, 1030 and any five of the following: GOV 2400, 2490, 2500, 2580, 2600, 3450, 3460, 3570, 3620; HIS 3725; PHI 3420, 3650; RCT 2020, 3180; SOC 2360.

B. For Government and Politics majors: See department chairperson for advisement.

Public Administration and Public Service

A. For all students except Government and Politics majors: 15 semester hours including: GOV 1030, 1530, and three of the following: GOV 2400, 2470, 2480, 2500, 2955, 3450, 3460, 3540, 4913.

B. For Government and Politics majors: 21 semester hours including: GOV 1530, 3540, and three of the following: GOV 2400, 2470, 2480, 2500, 2955, 3450, 3460, 4923.

Note: None of the GOV courses may be used for both the major and minor sequences.

Government and Politics Course Offerings (GOV)

1010 Contemporary Government and Politics
Introduction to the nature and scope of politics. Approaches to the analysis of political behavior and thinking. Major issues and conflicts in the contemporary world. Credit: 3 semester hours.

1030 American National Government
The nature of United States federalism; the structure and work of the national government; the executive branch; the Congress and executive-legislative relationship; the federal judiciary with reference to appropriate constitutional cases and the departments and administrative establishment. Credit: 3 semester hours.

1050 Research Methods for Government and Politics
Prerequisite: GOV 1030. As a foundation for Government and Politics majors, this course provides introductions to research methods and scholarly writing. All GOV majors must take 1050 as one of their first four courses in the major. Credit: 3 semester hours.

1250 Western Political Thought I: Classical and Medieval
A survey of great thinkers and movements from the classical period to St. Thomas. Credit: 3 semester hours.

1260 Western Political Thought II: Early Modern
A survey of key works from the Renaissance to the late 19th century, Burke, Machiavelli, Hobbes, Locke, Rousseau, Wollstonecraft, Marx. Credit: 3 semester hours.

1270 Western Political Thought III: Recent and Contemporary
Major topics include Hegel, Marxism-Leninism, Fascism, Socialism, democracy, nationalism and Elitism. Credit: 3 semester hours.

1280 Feminism and Politics
Designed for students with experience and interest in political theory. This course surveys recent feminist contributions to political theory, emphasizing both the range of feminist views and the basis for commonality. Credit: 3 semester hours.

1350 Politics and Religion: The American Experience
Explores the complex relationship between politics and religion in liberal democracy, with a focus on the United States. Credit: 3 semester hours.

1530 Introduction to Public Administration
Prerequisite: GOV 1030. The process of government organization, administration, and management; current problems and trends; administrative-political relationships. Credit: 3 semester hours.

1610 International Relations
The legal and political principles underlying the modern state system; foreign policies of the major powers; fundamental factors and problems in international politics; development of international organizations and cooperation. Credit: 3 semester hours.

1700 Comparative Political Systems
The study of the methodology of comparative political analysis and research. Topics include political institutions; ethnicity and ethnic conflict; regimes and regime change; parties and party systems; and democracy and democratization. Credit: 3 semester hours.

2000 Introduction to International Conflict Resolution and Reconciliation
An introduction to theories of conflict analysis, management, and resolution, with emphasis on the application of these theories to address political violence. Credit: 3 semester hours.
2160 American Environmental Politics and Policies
An analysis of the evolution of the United States environmental policy and the influence of policies on those policies with particular emphasis on the late 20th century. Credit: 3 semester hours.

2170 Global Environmental Politics and Policies
Analysis of politics and policies with regard to global environmental issues within a larger discussion of development—sustainable and unsustainable. Credit: 3 semester hours.

2240 The Federalist Papers
Prerequisite: GOV 1030. This course examines the series of pamphlets, commonly known as the Federalist Papers, written by Alexander Hamilton, James Madison, and John Jay. Credit: 3 semester hours.

2300 Roots of Modern Ideologies
Prerequisite for non-majors: Consent of instructor. An examination of the interrelationship of certain social, theological and philosophic concepts and their effect on past and present political orders. Credit: 3 semester hours.

2400 Introduction of the Study of Law
A critical survey and analysis of materials dealing with legal methodology relevant to the study of law. Readings and discussion of leading legal essays and opinions. Credit: 3 semester hours.

2420 Congress: Politics and Policy
Examines the organization of the House and Senate; the evolution of the relationship of Congress with the executive; party politics in the legislative process; contemporary legislative problems. Credit: 3 semester hours.

2430 The American Presidency
Explores the evolution of the American Presidency; the roles played by the chief executive; the various concepts of the office; the president’s position in the Congress; the president’s relationship with Congress. Credit: 3 semester hours.

2470 State and Local Government and Administration
Prerequisite: GOV 1030. Socioeconomic and intergovernmental influences on state politics; party and interest-group politics; legislatures, governors, and state agencies; budgeting and economic development issues. Credit: 3 semester hours.

2480 Municipal Government and Administration
Prerequisite: GOV 1030. Socioeconomic influences on urban politics; machine, reform and post-reform political organization; systems of urban governance; budgeting and land-use issues. Credit: 3 semester hours.

2490 Law Politics and the Individual
Evolution of the laws as a result of the historical, social, political, and economic processes; special emphasis on contemporary American law affecting everyday life. Credit: 3 semester hours.

2500 Environmental and Public Law
Prerequisite: GOV 1030. The political issues surrounding environmental regulation, with an emphasis on bureaucratic and judicial administration of federal legislation governing air, water and land-use. Credit: 3 semester hours.

2510 American Political Parties and Interest Groups
The nature and operation of the political process in the United States; organization and function of the political parties; nominations and elections; voting behavior, the nature of the two-party system; effects of social, economic and cultural forces upon party government; the dynamics of political power. Credit: 3 semester hours.

2520 Politics of Environment and Development
An examination of the political dimensions of environmental issues and development issues in selected countries and regions around the world. Credit: 3 semester hours.

2580 Judicial Process and Behavior
Evaluation of the operation of the American legal system at the national and state levels. Credit: 3 semester hours.

2600 Roman Law and Society
A study of the society and institutions of ancient Rome as revealed in Roman law. No knowledge of classical languages is required. Credit: 3 semester hours.

2640 Foreign Policy of the United States
The origin, development and application of the major principles controlling American foreign relations. Credit: 3 semester hours.

2650 Government and Politics of Western Europe
Introduction to contemporary Western European political systems, institutions of those systems, and six major countries: Great Britain, France, Germany, Italy, Netherlands, and Spain. Credit: 3 semester hours.

2660 Government and Politics of Eastern Europe
Introduction to contemporary political systems in Central/Eastern Europe, institutions of those systems, and their transition from socialist to market economies, and transformation to democratic institutions. Credit: 3 semester hours.

2670 European Union Politics
Creation of the European Union and the politics of European integration; examines European Union activities and its role in policy development, common market and currency, and foreign affairs. Credit: 3 semester hours.

2690 Government and Politics of Latin America
The origin, structures and functions of Latin American governments. Credit: 3 semester hours.

2730 Russia and the CIS Republics
Russian transformation to post-communist political and economic system; democratic and non-democratic systems of the post-Soviet Republics in Central Asia, Ukraine, Belarus and the Baltic States. Credit: 3 semester hours.

2750 Politics of the Caribbean Area
A study of the political development of the Caribbean area, emphasizing the nations of Cuba, Haiti, the Dominican Republic, and Jamaica. Special attention is also given to the patterns of colonial control, the unique position of Puerto Rico and attempted alliance and confederation. Credit: 3 semester hours.

2760 The Politics of Puerto Rico
An analysis of the government and politics of the Commonwealth of Puerto Rico; political traditions, the issue of political status and Puerto Rico’s relationship with the United States and current political conditions and problems. Credit: 3 semester hours.

2810 The Politics of War
The causes of war, with emphasis on the twentieth century; legal and cultural aspects of war, prediction and control of war. Credit: 3 semester hours.

2950 Workshop on Political Campaigning (Mini-Course)
The application of principles of campaigning during a simulated election campaign; roles of citizen and party candidate selection, campaign organization, funding, election day and postelective activities. Credit: 3 semester hours.

2955 Management Tools in Public Administration Decision Making and Leadership (Mini-Course)
Students use case studies, engage in interpersonal communication skill building and participate in small decision-making groups. Credit: 3 semester hours.

3200 Political Image Through Literature
Relationship of politics, literature, and especially film through the topics of domestic electoral politics, Vietnam War, political violence, gender and love, social rebellion. Credit: 3 semester hours.

3280 The Politics of Migration
The politics, policy, and patterns of national and transnational migration, especially the causes and the effects on the economy, security, social harmony, assimilation, and integration. Credit: 3 semester hours.

3290 The Politics of Revolution
Empirical theories of revolution through the reading and analysis of major theoretic approaches to delineate the causes, development, and effects of revolution, with examples of revolutions in world history from the classical period to the present. Credit: 3 semester hours.
3310 Comparative Diversity, Identity and Governance
Examines the politics of highly diverse societies, analyzing the quality and level of cultural, ethnic, national, religious and linguistic diversity as variables in effective governance. Credit: 3 semester hours.

3320 Current Terrorist Movements
An analysis and evaluation of the ideologies, strategies and tactics of the leading revolutionary movements in the world today. An analysis and evaluation of the counterrevolutionary measures commonly used by governments. Credit: 3 semester hours.

3330 American Political Thought in the 19th and 20th Centuries
The nature and purpose of the state as expressed by selected writers from colonial times to the Populist Era. Credit: 3 semester hours.

3340 Arms Races and Arms Control
This course investigates the origins and implications of arms races in the context of international relations theory and evaluates the successes and failures of arms control initiatives throughout history. Credit: 3 semester hours.

3450; 3460 Constitutional Law
Prerequisite: GOV 1030. A study of the United States Constitution, by the case method, through examination of leading decisions of the U.S. Supreme Court. Credit: 3 semester hours.

3520 Public Opinion and American Politics
The process of opinion formation; role of public opinion in politics; propaganda and public relations; measurement of public opinion; role of pressure groups; public opinion and current political issues. Credit: 3 semester hours.

3540 Research Methods in Political Science and Public Administration
Prerequisite: GOV 1530. An examination of problem definition, developing concepts and variables, hypothesis testing and the use of quantitative techniques in public administration and political science. Credit: 3 semester hours.

3570 Comparative Law
A critical inquiry into the origins, sources and formation of the three major legal traditions: common law, civil law and socialist law. Analysis of selected substantive topics in a comparative setting. Credit: 3 semester hours.

3590 The American Government and Business Relationship
The relationship of government and business emphasizing industries with seller concentration and their market conduct. Consideration of selected activities and industries: agriculture, inventions and patents, banking and finance, public utilities, and the shaping of public policy. Credit: 3 semester hours.

3620 International Law
The nature and scope of international law; the organization of the community of nations; selected substantive roles of international law. Credit: 3 semester hours.

3630 Foreign Policy of the Major Powers
Fundamental factors influencing the international political behavior of the major powers in world affairs. Credit: 3 semester hours.

3670 International Political Economy
Theoretical and empirical relationships between politics and economics at the international level. Regional economic cooperation, trade issues, international monetary policies and North-South difference. Credit: 3 semester hours.

3680 Politics of Africa
The dynamics of the societies in transition in the developing nations of Africa; analysis of their evolution from colonial dependency and traditional tribal units into modern nation-state systems. Credit: 3 semester hours.

3710 Governments and Politics of the Far East
The political and institutional developments in the states of the Far East, with major emphasis on China, Japan and Korea; their political backgrounds and present foreign relations. Credit: 3 semester hours.

3720 Governments and Politics of South and Southeast Asia
The political and institutional developments of South Asia, emphasizing India, Pakistan, Bangladesh, Sri Lanka, and those of Southeast Asia, emphasizing Vietnam, Indonesia, and the Philippines. Credit: 3 semester hours.

3800 American Econopolitics
The role of economics in domestic and foreign politics, with special attention to recent developments; political consequences of economic growth; public and government policy in prosperity and recession. Credit: 3 semester hours.

3820 Politics of the Middle East
Historical development of the Middle East in politics, economics and political thought. Political institutions in the Maghrib; Zionism; the Palestinian question; the politics of oil. Credit: 3 semester hours.

3850 Politics of Developing Countries
The politics of developing countries with a focus on the political economy of development to issues of globalization, national integration, social conflict, the role of the state, civil society, and democratization. Credit: 3 semester hours.

3851 Politics of Genocide
Prerequisite: GOV 1010. The political issues surrounding genocide and collective violence. The course will help students to better understand one of the most complex and troubling issues in historical and contemporary political life. Credit: 3 semester hours.

3992 Integrating Seminar: Politics of the European Union in Paris, Rome and Salamanca
An integrative and comparative political science framework for examining the European Union’s impact on and relations with, France, Italy and Spain. Distance Learning. Open only to students enrolled in the Discover the World Program. Credit: 3 semester hours.

4903; 4906 Legislative Politics Internship Program
Prerequisite: Permission of the coordinator. An internship program in the office of a city, state or national legislator or legislative committee. Periodic consultation with the internship coordinator is required. Credit: 3 or 6 semester hours per semester.

4913; 4916 Field Work in American Politics
Prerequisite: Permission of the coordinator. An internship program in the field of American politics ranging from campaign work to legal process. Periodic consultation with the internship coordinator is required. Credit: 3 or 6 semester hours per semester.

4923; 4926 Field Work in Public Administration
Prerequisite: Permission of the coordinator. An internship program with officials from international organizations. Periodic consultation with the internship coordinator is required. Credit: 3 or 6 semester hours per semester.

4933; 4936 Public Administration Internship
Prerequisite: Permission of the coordinator. An internship program with officials from international organizations. Periodic consultation with the internship coordinator is required. Credit: 3 or 6 semester hours per semester.

4946 New York State Legislative Internship Program Academic Component
Corequisite: GOV 4949, permission of University liaison and acceptance to New York State Senate or Assembly Internship Program. Comprehensive orientation, classroom lectures, classroom discussion sections, tests, written assignments, a research paper, issue forums and a mock legislative session. Credit: 6 semester hours.

4949 New York State Legislative Internship Program Experiential Component
Corequisite: GOV 4946, permission of University liaison, and acceptance to New York State Senate or Assembly Internship Program. Students serve in Albany, New York, under supervision of the Senate or Assembly Internship Director. Credit: 9 semester hours.

4990 Reading and Research
Prerequisite: Nine semester hours in GOV and approval of the chair. Open to juniors and seniors only. Guided research and reading on an individual basis. Credit: 3 semester hours.
History Course Offerings (HIS)

2000-Level: Major courses, Surveys and Chronological Courses

Ancient History

2001 Early Ancient Civilizations
Human society at the dawn of civilization; formation and development of ancient Mesopotamian, Egyptian, Hebraic, and other pre-Hellenic civilizations. Credit: 3 semester hours.

2002 Ancient Greek and Roman Civilizations
A course on the growth and development of ancient Greece, the Hellenic culture, and the Roman Republic and Empire. Credit: 3 semester hours.

2005 After Rome: Later Christendom, Byzantium and Islam to 800
Comparison of the three great medieval societies that arose from the Roman Empire: the Byzantine Empire, the Latin Christian Frankish Kingdom, and the Abbasid Caliphate. Credit: 3 semester hours.

2007 Food and History from Ancient to Early Modern Times
The course examines themes in the history of food and drink from early hunting and gathering to the early modern period, including production, procurement, consumption, and cultural representations. Credit: 3 semester hours.

2009 Food and History from Early Modern Times to the Present
The course examines themes in the history of food and drink from the early modern period to the present, including production, procurement, consumption and cultural representations. Credit: 3 semester hours.

Non-Western Surveys

2300 History of Africa
History of the continent from earliest times to the present; pre-history, Mediterranean, Arabic, European and contemporary re-Africanization; the problem of developing history from both oral and written sources. Students may not take HIS 2301 or 2302 in conjunction with or after completion of HIS 2300. Credit: 3 semester hours.

2301 Africa in the Colonial Period
The impact of Islamic and European cultures in the colonial period. The Industrial Revolution, and the expansion of Europe into Africa. Detailed analyses of Belgian, British, French, German, and Italian imperialism. Students may not take HIS 2300 in conjunction with or after completion of HIS 2301. Credit: 3 semester hours.

2302 Contemporary Africa
The African reaction to slavery, colonialism, the birth of nationalism, and the dismemberment of the colonial empires. Problems of nation-building and development in the newly independent
states of Africa. Students may not take HIS 2300 in conjunction with or after completion of HIS 2302. Credit: 3 semester hours.

2310 History of Asia
The historical and cultural background of Eastern civilization to the mid-19th century; subsequent developments of power rivalries, westernization and nationalization; problems of the contemporary Far East. Students may not take HIS 2311 or 2312 in conjunction with or after completion of HIS 2310. Credit: 3 semester hours.

2311 History of East Asia
The political, intellectual, cultural, social and economic developments of China and Japan from ancient times to 1900. Students may not take HIS 2310 in conjunction with or after completion of HIS 2311. Credit: 3 semester hours.

2312 History of Modern East Asia
The forces and events that have shaped 20th-century China, Japan and Korea, such as efforts at modernization, the emergence of nationalism, imperialism, Communism and the problems of the contemporary period. Students may not take HIS 2310 in conjunction with or after completion of HIS 2312. Credit: 3 semester hours.

2313 History of Colonial South Asia
The social, cultural, and economic history of nineteenth and twentieth century colonial South Asia. Credit: 3 semester hours.

2314 History of Contemporary South Asia
This course examines the social, cultural, and economic history of South Asia from 1947 to the present day, with a focus on economic development, gender, and popular culture. Credit: 3 semester hours.

2320 The Middle East
Environmental, economic, social and cultural forces that shaped the modern Middle East with emphasis on impact of Ottoman and Western imperialism, Arab-Israeli conflict and the Islamic Revolution. Credit: 3 semester hours.

2321 History of Islamic Society
Survey of how the rise of Islam in Arabia affected Arab and Iranian lands from the seventh to thirteenth century A.D. Credit: 3 semester hours.

2330 History of Latin America
A survey of the political, intellectual, cultural, social and economic developments that have shaped the history of Latin America from the development of Native American civilizations and the European conquests to contemporary independent states. Students may not take HIS 2331 or 2332 in conjunction with or after completion of HIS 2330. Credit: 3 semester hours.

2331 History of Latin America I
Pre-Columbian background; European discovery and colonization, plantation life, the role of the Church, and the independence movements. Students may not take HIS 2330 in conjunction with or after completion of HIS 2331. Credit: 3 semester hours.

2332 History of Latin America II
Independence from Spain; economic, cultural, religious and political struggles; the caudillos; the relationship with U.S.; Castro era. Students may not take HIS 2330 in conjunction with or after completion of HIS 2332. Credit: 3 semester hours.

2340 History of Ancient Americas
Survey of pre-Columbian societies emphasizing political, cultural, social, technological, and economic accomplishments of the Maya, Aztec, and Inca civilizations. Credit: 3 semester hours.

2450 History of the Modern Caribbean
A survey of Caribbean history spanning from the pre-Columbian era to the turn of the twenty-first history. Credit: 3 semester hours.

3303 History of Brazil 1500 to Present
This course examines Brazil's history from its first contact with Europeans through the eras of the slave, abolition and independence. Credit: 3 semester hours.

European Surveys
2500 Europe in Medieval Times
The decline of Rome; the rise of the Christian church; the Carolingian era; the evolution of feudalism; the Crusades; the growth of commerce and town life; the rise of feudal monarchies. Students may not take HIS 2501 or 2502 in conjunction with or upon completion of HIS 2500. Credit: 3 semester hours.

2501 Early Medieval History
The emergence of medieval European civilization out of Judeo-Christian, Greco-Roman and Germanic institutions and ideas from the decline of the Roman Empire to the 11th-century. Students may not take HIS 2500 in conjunction with or after completion of HIS 2501. Credit: 3 semester hours.

2502 Late Medieval Europe
The economic, political, intellectual and religious developments in Europe from the 12th to the 15th centuries. Students may not take HIS 2500 in conjunction with or after completion of HIS 2502. Credit: 3 semester hours.

2510 Europe: Renaissance to Reformacion
The revival of the classical spirit and the growth of vernacular literatures; the evolution of modern statecraft and diplomacy; the revoil of Martin Luther; Calvinism, the Anglican Reformation, the Counter-Reformation; the Spanish hegemony and the Thirty Years' War. Students may not take HIS 2510 in conjunction with or after completion of HIS 2511 or 2512. Credit: 3 semester hours.

2511 Renaissance and Reconnaissance
The transition from medieval to modern Europe; the new spirit of humanism; the expansion of Europe; the new monarchies and dynastic diplomacy; the dissolution of Christendom. Students may not take HIS 2511 in conjunction with or after completion of HIS 2510. Credit: 3 semester hours.

2512 Reformation and Counter-Reformation
A course which focuses on the Protestant revolt, the Catholic response; the hegemony of Spain, the expansion of England and the revival of France, and the Thirty Years' War. Students may not take HIS 2512 in conjunction with or after completion of HIS 2510. Credit: 3 semester hours.

2520 The Age of Absolutism
Louis XIV and Divine Right monarchy, the rise of Prussia and Russia, colonial rivalries; the exaltation of science and reason; the nature of the Old Regime; enlightened despotism. Credit: 3 semester hours.

2530 Europe in the 19th Century
The Napoleonic Era: the Vienna settlement and the Concert of Europe; the Industrial Revolution; Nationalism; liberalism, conservatism and Socialism as forces in European life; the Revolution of 1848; the unification of Italy and Germany; the New Imperialism. Students may not take HIS 2530 in conjunction with or after completion of HIS 2531, 2532, or 2533. Credit: 3 semester hours.

2531 The Age of Revolution
The collapse of the Old Regime; France, from Revolution to Empire; the European Revolution; Napoleon and the reconstruction of Europe. Students may not take HIS 2531 in conjunction with or after completion of HIS 2530. Credit: 3 semester hours.

2532 Europe in an Age of Nationalism, 1815–70
The Restoration era and the Concert of Europe; liberalism and conservatism in conflict; the emergence of nationalism, the revolutions of 1848; the Crimean War; the triumph of nationalism in Italy and Germany. Students may not take HIS 2532 in conjunction with or after completion of HIS 2530. Credit: 3 semester hours.

2533 Europe at its Zenith, 1870–1914
Institutions, ideologies and developments in the German Empire, the Third French Republic, the Italian Kingdom, and the Habsburg Monarchy; development of the new imperialism and imperial rivalies; the coming of WWI. Students may not take HIS 2533 in conjunction with or after completion of HIS 2530. Credit: 3 semester hours.
2540 Europe and the 20th-Century World
International relations, 1900 to 1914; WWI; the Russian Revolutions; Post-WWI Europe; the rise of Fascist dictatorship; WWII; the Cold War and international power blocs. Students may not take HIS 2540 in conjunction with or after completion of HIS 2541 or 2542. Credit: 3 semester hours.

2541 Europe: World War I, Hitler and Stalin
WWI and the disintegration of the German, Habsburg, Russian and Ottoman empires; the Russian Revolution; the Paris peace process and the European state system; Italian Fascism; the Great Depression, Nazi Germany, Stalinist Russia, and economic and political instability in the 1930s. Students may not take HIS 2541 in conjunction with or after completion of HIS 2540. Credit: 3 semester hours.

2542 Europe from World War II to the Present
WWII; defeat of the Axis and the destruction of European primacy; Cold War and the division of Europe; economic reconstruction; the fall of Communism; growth of the European Community; and issues in contemporary Europe. Students may not take HIS 2542 in conjunction with or after completion of HIS 2540. Credit: 3 semester hours.

American Surveys
2334 A History of the Atlantic World, 1492–1888
This course examines political, social, economic and cultural changes resulting from the circulation and confrontation of Europeans, Africans, and Americans around the Atlantic rim. Credit: 3 semester hours.

2700 U.S.: Colonial America
The European background; the transplanting of European institutions to the New World; internal development of the colonies; imperial rivalries; evolution of the colonial political system; the coming of the Revolution. Credit: 3 semester hours.

2710 U.S.: The Early National Period
Major developments of the political, economic and social history of the United States from the Revolutionary War to the War with Mexico. Students may not take HIS 2710 in conjunction with or after completion of HIS 2711 or 2712. Credit: 3 semester hours.

2711 U.S.: The Revolutionary Age
The progress and outcome of the War for Independence; the Confederation Period; the making of the Constitution; the Federalist Era. Students may not take HIS 2711 in conjunction with or after completion of HIS 2710. Credit: 3 semester hours.

2712 U.S.: Jeffersonian and Jacksonian Periods
The United States in the early to mid-nineteenth century; demographic and economic transformation from a rural agrarian to an urban industrial nation; immigration, economic modernization, and territorial expansion; slavery and other tensions between North and South. Students may not take HIS 2712 in conjunction with or after completion of HIS 2710. Credit: 3 semester hours.

2720 U.S.: Civil War and Reconstruction
Political, economic, social, and military problems facing the U.S. during the Civil War and Reconstruction. Credit: 3 semester hours.

2730 U.S.: The Gilded Age
Technological, industrial, and organizational changes in the last quarter of the nineteenth century; economic, social, and political impact of these changes; achievements and abuses of capitalism; growth of organized labor and emergence of Populism. Credit: 3 semester hours.

2740 U.S.: The Age of Reform
The Age of Reform and empire; problems of neutrality and Wilsonian leadership; WWII; economic expansion and collapse; the Roosevelt era. Credit: 3 semester hours.

2750 U.S.: World War II and Post-War America
The U.S. and WWII; the Truman reforms; origins of the Cold War; the Eisenhower years; the 60s; Vietnam and domestic turmoil; Watergate and after. Credit: 3 semester hours.

2760 History of American Workers
A survey of U.S. labor and working-class history from the 1830s through the present. Credit: 3 semester hours.

3000-Level: Topics Courses and Country Courses

Global and Comparative History Topics
3100 America Meets China
A historical look at the encounter between the U.S. and China from 1785 to the present, as prelude to uniquely American forms of globalization and multiculturalism today. Credit: 3 semester hours.

3110 The Papacy Confronts the Modern World
The papacy from the age of revolutions to the present, examining its reaction within the broader framework of religious, political, social and economic developments from Pius VI to John Paul II. Credit: 3 semester hours.

3120 The History of Racism in the West Since 1500
The history of racism in Europe and the Americas including racist theories, slavery and its legacy, anti-Semitism, the Holocaust and debates on race and ethnicity. Credit: 3 semester hours.

3130 Personalities in History
Prerequisite: HIS 1000C and 1010, or consent of instructor. Readings and discussion of select biographical studies of significant personalities in history. Credit: 3 semester hours.

3140 History of Sexuality
The history of sexuality as it relates to comparative world history. Students analyze how sexuality problematizes the interpretation of historical events, personalities and themes, including colonization, nationhood, war, medicine and social movements. Credit: 3 semester hours.

3150 History of Inter-American Relations
Readings and research on United States–Latin American relationships from the 19th century to the present with emphasis on issues such as regional economic integration, revolutionary movements, obstacles to democracy, immigration and the drug trade. Credit: 3 semester hours.

3160 History of Human Rights and Social Justice
A survey of the concept of human rights in the modern world, including political, economic, social, religious and cultural rights. Credit: 3 semester hours.

3170 History Through Film
History through the medium of film: how culture and history have been treated through the cinematic medium. Credit: 3 semester hours.

3180 America and the Muslim World
A narrative of Muslims in American history: reflections upon Islam; interactions with Muslims, and consumption of Middle Eastern goods. Credit: 3 semester hours.

Non-Western History: Topics and Countries
3300 Women in Latin American History
An analytical study of the social, cultural, political, and economic importance of women in the historical development of Latin America during the 19th and 20th centuries. Credit: 3 semester hours.

3301 History of Mexico
This course examines the history of Mexico from its earliest civilizations to the present day through lectures and readings and the use of photographs, material evidence, biography, literature, and film. Credit: 3 semester hours.

3303 History of Brazil 1500 to Present
This course examines Brazil's history from its historical beginnings to its role in twentieth century world affairs. Credit: 3 semester hours.
3340 Asian Pacific Diasporas in Modern History
A historical survey of the experiences, identities and cultural transitions of diasporas of peoples of East, South and Southeast Asian and Pacific ancestry. Credit: 3 semester hours.

3350 The History of Ancient and Medieval China
Chinese history from ancient times to the 19th century, covering the great traditions (Confucian, Taoist, Buddhist, and Literati-Bureaucratic) and the lore and legends of the folk (from the meditative to the apocalyptic). Credit: 3 semester hours.

3360 The History of Modern China
Tragedies and triumphs of China in the modern world: the fall of the Manchu Empire, warlordism, WWII, civil war, the Communist Revolution, Maoism, the recent economic miracle and strategic choices for the future. Credit: 3 semester hours.

3365 History of China and Korea Through Literature and Film
The modern social, intellectual and cultural history of China and Korea, as reflected in their literary texts and visual media from 1900 to the present. Credit: 3 semester hours.

3370 Modern Wars in Asia
Modern wars in Asia: World War II, the Cold War, Korea, Vietnam and subsequent conflicts. Emphasis is on causes, aftermaths and “history and memory.” Credit: 3 semester hours.

3375 Asian-American History
The history of Asians in the United States, including historical relations between Asians and other minorities, U.S. foreign policy in Asia and contemporary issues faced by Asian communities in an increasingly globalized and multi-racial American society. Credit: 3 semester hours.

3380 History of Iran
A history of Iran focusing on dynastic formation, political consolidation, cultural production, and religious movements. Credit: 3 semester hours.

3400 African Civilizations and the African Diaspora
Explores major African civilizations before the 19th century, including ancient Egypt, the Mali Empire, and Great Zimbabwe. Includes the African Diaspora to the new world. Credit: 3 semester hours.

3410 African Nationalism
Africa’s involvement in the Atlantic world from the 15th through the 19th centuries, focusing on the slave trade and transformations of African economies and societies. Credit: 3 semester hours.

3460 Women in Middle Eastern History
The course examines gender in Islamic history by focusing on male and female social expectations, marriage and divorce, and participation in public space. Credit: 3 semester hours.

3501 Diplomatic History of Europe I
Reconstruction of Europe; Congress of Vienna; Metternich; German and Italian unifications; diplomacy of World War I and Versailles. Credit: 3 semester hours.

3502 Diplomatic History of Europe II
Peacemaking in 1919 and its consequences; League of Nations; diplomacy of World War II and peace; superpowers and the Cold War. Credit: 3 semester hours.

3511 History of England I
A survey of English history from the Roman invasion to the early Stuarts, with emphasis on constitutional developments, and on changing political, economic, social and religious conditions. Credit: 3 semester hours.

3512 History of England II
A survey of English history from the late Stuarts to the 20th century. Emphasis is placed on the development of party politics, the Industrial Revolution, imperial expansion, foreign policy, and the twentieth-century welfare state. Credit: 3 semester hours.

3521 The Rise of Modern Germany
Germany and the French Revolution, Austria and the Metternichian System, the unification struggle; the Second Reich. Credit: 3 semester hours.

3522 Germany in the 20th Century
The First World War and its consequences; the Weimar Republic, the Third Reich; defeat and recovery. Credit: 3 semester hours.

3540 Modern Italian History
Intellectual, religious, economic and political developments in the Italian peninsula from the Risorgimento to the post-World War II era. Credit: 3 semester hours.

3560 Women in Medieval Europe
Thematic survey of women’s experiences in medieval Europe, both noble and peasant, religious and secular, with a particular emphasis on women writers. Credit: 3 semester hours.

3562 Women in Modern Europe
Changes since 1800 in women’s work, role in the family, sexuality, education, political rights. Feminist and anti-feminist ideologies. Women in war, revolution, fascism and Communism. Credit: 3 semester hours.

3580 Wars of Empire (Mini-Course)
Prerequisite: HIS 1010. Examines the rise and fall of modern imperialism, 1870–1970, focusing on the conflict between Western colonialism and non-Western nationalism. Credit: 3 semester hours.

3650 Russia, the Soviet Union and the Successor States
A history of the peoples of the former Soviet Union from the time of Kievan Russia through the rise of Muscovy and Imperial Russia to the Communist Revolution and post-Cold War present. Students may not take HIS 3650 in conjunction with or after completion of HIS 3651, 3652 or 3653. Credit: 3 semester hours.

3651 Medieval and Early Modern Russia
Early Russian history to the reign of Peter the Great: links with Byzantium and the Christian Orthodox world, the Mongol conquest, the rise of Muscovy territorial expansion, the Time of Troubles, the Church Schism, and relations with Western Europe. Students may not take HIS 3651 in conjunction with or after completion of HIS 3650. Credit: 3 semester hours.

3652 The History of Modern Russia
The rise of national consciousness in Russia in the 18th and 19th centuries; Eastern and Western intellectual influences; serfdom, emancipation, and industrialization; Marxism, war, and revolution. Students may not take HIS 3652 in conjunction with or after completion of HIS 3650. Credit: 3 semester hours.

3653 The History of the Soviet Union and the Successor States
The evolution of the Soviet Union from 1917 to 1991: development of the one-party Communist state, the Great Terror, WWII, de-Stalinization, stagnation and reform, nationalism and the dissolution of the Soviet Union. Post-Soviet trends in former Soviet nations. Students may not take HIS 3653 in conjunction with or after completion of HIS 3650. Credit: 3 semester hours.

3660 Russia as a Multinational Empire
Russian territorial expansion; Russification and Russian colonialism; Caucasus and the East as themes in Russian culture; Bolshevism, Communism and nationalism, resurgence of nationalism and collapse of the Soviet Union. Credit: 3 semester hours.
American History: Topics

3701 U.S. Foreign Relations, 1890–1945
U.S. imperialism and the rise to world power; WWI and the League of Nations; interwar diplomacy; U.S. foreign policy in WWII.
Credit: 3 semester hours.

3702 U.S. Foreign Relations, 1945 to the Present
Origins of the Cold War in Europe and Asia; the Korean War; the German question; the Berlin crises and Germany; the Vietnam War; détente; the second Cold War; U.S. diplomacy in the 1980s. Credit: 3 semester hours.

3705 Race Relations in American Foreign Policy
The history of the relationship between American foreign policy and domestic race relations in the nineteenth and twentieth centuries. Credit: 3 semester hours.

3711 African-American History to 1900
This course provides a survey of the factors which shaped the work, culture, and political struggles of African-Americans before World War I. Credit: 3 semester hours.

3712 African-American History since 1900
This course studies the social history of African-Americans from 1900 to the present which include political, social, economic, and cultural topics. Credit: 3 semester hours.

3715 History of Race and Ethnicity in the United States
The history of race and ethnicity in the United States through the history of American institutions and the interactions among its peoples. Credit: 3 semester hours.

3718 American Slavery: History, Fiction, and Film
Slavery in the Americas as experienced by slaves and masters and as depicted in fiction and film. Credit: 3 semester hours.

3720 Indians and Europeans in Early America
Introduces the major topics and themes in the ethnohistory of early America from first contact through about 1815. Credit: 3 semester hours.

3725 Law in American History
Major trends in American legal history, including imperial and provincial origins of American legal culture, politics of constitutional reform, effects of territorial and commercial expansion, majority and minority interests, legal construction of power and legal activism. Credit: 3 semester hours.

3731 Women and Gender in Early America: from Settlement to the Civil War
A survey course which analyzes the socioeconomic, cultural, and political factors that influenced the evolution of American women's history from the period of colonial settlement to the Civil War. Credit: 3 semester hours.

3732 Women and Gender in Modern America: Civil War to the Present
A survey course which analyzes the socioeconomic, cultural, and political factors that influenced the evolution of American women's history from the Civil War to the present. Credit: 3 semester hours.

3735 Women and Social Movements in U.S. History
Women's participation in American social movements, from boycotts of British goods in the 1770s, through the development of feminism two hundred years later. Credit: 3 semester hours.

3740 U.S.: Urban America
Growth and urbanization and their effects upon modern American life and institutions. Credit: 3 semester hours.

3750 The American South from Reconstruction to the Present
The social, material, cultural, and political factors that influenced the transformation of the Southern society, economy, and politics from the Reconstruction era to the contemporary period. Credit: 3 semester hours.

3760 History of New York City and Long Island
The history of New York City and Long Island as a significant episode in the history of the U.S. Emphasis is placed on social, economic, cultural, and religious developments. Credit: 3 semester hours.

3770 Economic Geography of New York City
The historical and economic factors that have contributed to making the metropolitan area a cultural capital and the hub of education, social life and business activity. Credit: 3 semester hours.

3795 Technology and Science in 20th-century America
From the age of inventions to the rise of the Internet, the ways in which science and technology shape, and are shaped by, human action and decisions. Credit: 3 semester hours.

3850 Africa and the Atlantic (Mini-Course)
Africa’s involvement in the Atlantic world from the 15th through the 19th centuries, focusing on the slave trade and transformations of African economies and societies. Requires travel to West Africa. Credit: 3 semester hours.

3900 History of Canada
A survey of the political, intellectual, cultural, social and economic developments which have shaped the history of Canada from the earliest European discoveries of the North American continent to its current state of domestic and foreign affairs in the 20th century. Credit: 3 semester hours.

3990 Historical Research Methods in NYC
An introduction to historical research methodology in New York City. The course will be held at the Manhattan Campus and the New York Public Library; Stephen A. Schwarzman Building. Credit: 3 semester hours.

4000-Level: Internships, Independent Study, Colloquia and Seminars

4903 Internship in History
Restricted registration. Fieldwork (eight hours per week) in selected museums, libraries, historical sites, or other like organizations under coordinated faculty and professional supervision. Credit: 3 semester hours.

4906 Internship in History
Restricted registration. Fieldwork (sixteen hours per week) in selected museums, libraries, historical sites, or other like organizations under coordinated faculty and professional supervision. Credit: 6 semester hours.

4953 Independent Study
Restricted registration. Independent research in an area of the student’s selection under the general advisement of a faculty member. Credit: 3 semester hours.

4990 Historical Research Methods in NYC
An introduction to historical research methodology in New York City. The course will be held at the Manhattan Campus and the New York Public Library; Stephen A. Schwarzman Building. Credit: 3 semester hours.

4991 Colloquium in European History
Reading and discussion of selected topics in European history. Credit: 3 semester hours.

4992 Seminar in European History
Restricted registration. Fieldwork (eight hours per week) in selected museums, libraries, historical sites, or other like organizations under coordinated faculty and professional supervision. Credit: 3 semester hours.

4999 Seminar in U.S. History
Restricted registration. Fieldwork (eight hours per week) in selected museums, libraries, historical sites, or other like organizations under coordinated faculty and professional supervision. Credit: 3 semester hours.

4999 Colloquium in U.S. History
Reading and discussion of selected topics in U.S. history. Credit: 3 semester hours.

4999 Seminar in U.S. History
Restricted registration. Research and writing on selected topics in U.S. history. Credit: 3 semester hours.

4999 Colloquium in U.S. History
Reading and discussion of selected topics in U.S. history. Credit: 3 semester hours.

4999 Seminar in U.S. History
Restricted registration. Research and writing on selected topics in U.S. history. Credit: 3 semester hours.
Geography Course Offerings (GEO)

1001 World Geography
A regional analysis of the principal patterns of the physical, economic and cultural geography of the world’s nations and continents. Credit: 3 semester hours.

1002 North American Geography
A regional analysis of the principal patterns of the physical, economic and cultural geography of the United States and Canada, with emphasis on the natural resource base of those countries, their problems and developments. Credit: 3 semester hours.

2001 Natural Resources and World Development
An analysis of the most pressing natural resource issues of the late 20th century and how human use of the resource base affects both environmental quality and global development. Credit: 3 semester hours.

2002 Issues in Environmental Conservation
Environmental issues are analyzed in a spatial framework: energy policy, population, land use, materials and waste management; history of environmental degradation by human activity and possible alternatives to that degradation. Credit: 3 semester hours.

Languages and Literatures (LLT)

Major Sequences

French
33 semester hours including: FRE 3090, 3100, 3550, 3560, 3870, 3880, and fifteen semester hours in advanced FRE courses. French majors are urged to study a second foreign language and to take courses in classical civilization among their general electives. A French major who, in the judgment of the department, shows a deficiency in French grammar shall be required to take FRE 3150 in preparation for FRE 3870, 3880. A French major who, in the judgment of the department, shows a deficiency in speaking French shall be required to take one or both terms of FRE 3110, 3120.

Italian
33 semester hours including: ITA 3090, 3100, 3550, 3560, 3870, 3880, and fifteen semester hours in advanced ITA courses. Italian majors are urged to study a second foreign language and to take courses in classical civilization among their general electives. An Italian major who, in the judgment of the department, shows a deficiency in Italian grammar shall be required to take ITA 3150 in preparation for ITA 3870, 3880. An Italian major who, in the judgment of the department, shows a deficiency in speaking Italian shall be required to take one or both terms of ITA 3110, 3120.

Spanish
33 semester hours including: SPA 3090, 3100, 3550, 3560, 3870, 3880, and fifteen semester hours in advanced SPA courses. Spanish majors are urged to study a second foreign language and to take courses in classical civilization among their general electives. A Spanish major who, in the judgment of the department, shows a deficiency in speaking Spanish shall be required to take one or both terms of SPA 3110, 3120.

B.A./M.A.

Spanish
The Department of Languages and Literatures offers an intensive, accelerated combined degree program leading to both the B.A. and M.A. degrees for Spanish in five years of full-time study. Qualified undergraduate students who have completed their sophomore year with a 3.0 cumulative index and a 3.5 for 12 semester hours in Spanish are encouraged to apply. The students in the B.A./M.A. program take 39 semester hours distributed as follows: SPA 3090, 3100, 3550, 3560, 3870, 3880, six semester hours selected among other advanced Spanish undergraduate courses, and fifteen semester hours in 100 and 200 level Spanish graduate courses. These 15 credits, taken during the junior and senior years, will count towards the M.A. degree.

Special Note regarding ALL beginning (1010 and 1020) and intermediate (2030 and 2040) language courses
The department requires a standard corequisite (1010 and 1020) and intermediate (2030 and 2040) language courses. Special Note regarding all beginning electives
Major electives are selected in conjunction with departmental advisors. Advanced language courses that are conducted in English are not applicable to the major sequence. Consult with your departmental advisor for elective choices within the major.

Minor Sequences

Ancient Studies
18 semester hours chosen under departmental advisement from courses dealing with Greek and Roman antiquity. No knowledge of Greek or Latin is required.

Arabic
18 semester hours chosen under departmental advisement in the language.

Classics
18 semester hours including: six semester hours of Latin above LAT 1020, six semester hours of Ancient Greek, and six semester hours in related courses chosen under departmental advisement.

French
18 semester hours chosen under departmental advisement in the language.

German
18 semester hours chosen under departmental advisement in the language.

Greek Modern
18 semester hours chosen under departmental advisement in the language.

Italian
18 semester hours chosen under departmental advisement in the language.

Italian Studies
18 semester hours including: a maximum of six semester hours in ITA language courses; ART 1250, 1780, 1795; CLS 2600; ENG 1076; HIS 2002, 3540; ITA 3540; SOC 1230, 2410.

Linguistics
18 semester hours including: UN 1010, 1020, and twelve semester hours of Linguistics courses chosen under departmental advisement.

Russian
18 semester hours chosen under departmental advisement in the language.

Spanish
18 semester hours chosen under departmental advisement in the language.

International Business Concentration for Language Majors
21 semester hours including: ECO 1301, 1302, IB 3341, and twelve semester hours chosen from: ECO 3306; FIN 3318; MGT 3339, 3341, 4310, 4334, 4338; MKT 3317, 4318. No other prerequisites are necessary. Students must first consult with the Language Program Coordinator.

English as a Second Language Program (ESL)
The English as a Second Language Program is designed to assist international students and any other students whose first language is not English, in improving their English language skills. The program aims to help these students meet the academic demands of college-level course work. Credit courses are offered at the intermediate and advanced levels. ESL writing courses emphasize writing/reading skills. ESL speech courses emphasize speaking/listening skills. Support services/workshops are also available. Intermediate, advanced, and special non-credit writing workshops are offered. The use of the Global Language and Culture Center is an integral part of the program. Advisement, testing, and placement services are available through the ESL office in the Department of Languages and Literatures, St. John Hall, Room 434E.
Global Language and Culture Center

The Global Language and Culture Center, located in St. John Hall 104–106 and part of the Department of Languages and Literatures, is a resource center where students, enrolled or not in a language class, can come to practice one of the 15 languages currently offered at St. John’s University. Through immersion and interaction, with the help of trained language assistants, they can build on the language skills acquired in the classroom in a convivial and relaxed atmosphere.

The Center offers large seating and study areas equipped with computers, large screen TVs, and reference material. Individual language pods lend privacy to small study groups.

Students can receive individual tutoring to improve their grades, or engage in group activities under the guidance of a language assistant: grammar, pronunciation and writing workshops, round table conversations in the selected language, or workshops to prepare for an internship abroad in France, Italy, or Spain. Lectures and cultural events are held regularly at the Center. Language placement tests are also administered for students interested in majoring or minoring in a Romance language and advisement given on language courses within St. John’s College.

Arabic Course Offerings (ARA)

1010 Arabic, Level I
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops basic communication skills in Arabic. Through a progressive use of the four skills, listening, speaking, reading, and writing, students develop oral and written proficiency at a limited level within the context of Arabic culture. Credit: 3 semester hours. GLCC fee, $50.

1020 Arabic, Level II
Prerequisite: ARA 1010. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course continues to develop basic communication skills in Arabic. Through a progressive use of the four skills, listening, speaking, reading, and writing, students develop oral and written proficiency at a limited level within the context of Arabic culture. Credit: 3 semester hours. GLCC fee, $50.

2030 Arabic, Level III
Prerequisite: ARA 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course reviews the basic skills learned in ARA 1010 and 1020, and continues building the student’s comprehension and speaking abilities through an active exchange of ideas on the part of the students and instructor within the context of the Arab culture. Not open to native speakers except with the permission of the chair. Credit: 3 semester hours. GLCC fee, $50.

2040 Arabic, Level IV
Prerequisite: ARA 2030 or permission of chair. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course reviews the basic skills learned in ARA 1010, 1020, and 2030, and continues building oral and written proficiency with more intensive reading and conversation within the context of Arabic culture. Not open to native speakers except with the permission of the chair. Credit: 3 semester hours. GLCC fee, $50.

2050 Arabic, Level V
Prerequisite: ARA 2040 or permission of chair. Readings taken from a wide range of literary texts. Credit: 3 semester hours.

3110; 3120 Advanced Arabic Conversation
Prerequisite: ARA 2050 or permission of chair. Drill and practice in conversational Arabic. Topics are selected to meet the requirements of daily life. Not open to native or fluent speakers. Credit: 3 semester hours per semester.

Classics (CLS)

1210 Classical Mythology
The study of myth, its nature and uses as manifested in the Greek and Western traditions. No knowledge of classical language is required. Credit: 3 semester hours.

1240 Women in the Ancient World
A study of the social, economic and political position of women in ancient Greece and Rome; readings of major literary works with women as their subjects; the view of women as expressed in other contemporary literature; readings from works composed by women. No knowledge of Greek or Latin required. Credit: 3 semester hours.

1260 Ancient Greek and Roman Historians
Readings in selected works of Herodotus, Thucydides, Livy, Sallust, and Tacitus; studies in the philosophy of ancient history and the historical method. No knowledge of classical language is required. Credit: 3 semester hours.

1320 Greek and Latin Roots of English
An introduction to the Greek and Latin sources of English words, the principles of word formation and the appropriate usage of vocabulary. No knowledge of Greek or Latin is required. Credit: 3 semester hours.

1420 Ancient Stories in Modern Dress (Mini-Course)
Selected myths and legends of the ancient Greeks and Romans as presented by classical writers and dramatists, and as adapted by modern writers, playwrights, choreographers, and composers; in-class viewing of the film versions of the modern adaptations. No knowledge of classical language is required. Credit: 3 semester hours.

1770 Classical Archaeology
The history of archaeology and its contribution to our knowledge about the ancient world, its history and civilization. No knowledge of classical language is required. Credit: 3 semester hours.

1775 Greek Archaeology On-Site
An introduction to the archaeology of ancient Greece through visits to major sites, focusing on Athens and its environs with an emphasis on firsthand experience. No knowledge of Greek or Latin required. Credit: 3 semester hours.

2600 Roman Law and Society
A study of the society and institutions of ancient Rome as revealed in Roman law. No knowledge of Greek or Latin required. Credit: 3 semester hours.

ESL Course Offerings

ESLW 1200 English as a Second Language: Intermediate Level Reading/Writing
Prerequisite: Intermediate level on-site test scores. This course provides language instruction through reading and writing paragraphs and short essays focusing on development, vocabulary, and grammatical skills. Open to non-native speakers of English only. Grading on pass-fail basis only. Credit: 3 semester hours.

ESLS 1200 Oral/Aural Communication: Intermediate Level Listening/Speaking
Prerequisite: Intermediate level on-site test scores. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course provides instruction in listening comprehension and speaking through training in the sounds of English, intonation patterns, and techniques of spontaneous conversation. Grading on pass-fail basis only. Credit: 3 semester hours. GLCC fee, $50.

ESLW 1300 English as a Second Language: Advanced Level Reading/Writing
Prerequisite: ESLW 1200 or advanced level on-site test scores. This course provides language instruction through a study of complex grammatical structures, writing essays in a variety of rhetorical formats, readings and vocabulary materials through culturally relevant materials. Credit: 3 semester hours.

ESLS 1300 Oral/Aural Communication: Advanced Level Listening/Speaking
Prerequisite: ESLS 1200 or advanced level on-site test scores. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course provides instruction in listening comprehension and speaking through training in conversational fluency, presentations and error reduction. Credit: 3 semester hours. GLCC fee, $50.
Non-Credit Workshops

ESLW 0400 Special Writing
Prerequisite: Permission of the coordinator. Language instruction tailored to the needs of the participants. No credit.

EBS 6200 English for Business Studies
This course provides language instruction in terminology and discourse features of business texts for students to whom English is a second language. Undergraduate-level course for graduate students of The Peter J. Tobin College of Business only. Credit: 3 semester hours toward full-time student status only.

French Course Offerings (FRE)

1000 Intensive French I/II
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course aims to develop basic communication skills in French. Through a progressive use of four skills, listening, speaking, reading, and writing, students develop oral and written proficiency at a beginner’s level within the context of French culture. Credit: 6 semester hours. GLCC fee, $50.

1010 French, Level I
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course aims to develop basic communication skills in French. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a beginner’s level within the context of French culture. Credit: 3 semester hours. GLCC fee, $50.

1020 French, Level II
Prerequisite: FRE 1010. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course continues to develop basic communication skills in French. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a beginner’s level within the context of French culture. Credit: 3 semester hours. GLCC fee, $50.

2000 Intensive French III/IV
Prerequisite: FRE 1000 or 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course aims to develop intermediate to advanced communication skills in French. Through a progressive use of the four skills, listening, speaking, reading and writing, students will develop oral and written proficiency within the context of French and Francophone culture. Credit: 6 semester hours. GLCC fee, $50.

2030 French, Level III
Prerequisite: FRE 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course reviews the basic skills learned in French I and II and continues building oral and written proficiency with more intensive reading and conversation within the context of French culture. Credit: 3 semester hours. GLCC fee, $50.

2040 Intermediate French Conversation
Prerequisite: FRE 2030 or permission of chair. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course reviews the basic skills learned in French I, II and III and continues building oral and written proficiency with more intensive reading and conversation within the context of French culture. Credit: 3 semester hours. GLCC fee, $50.

2050 Readings in Modern French
Prerequisite: FRE 2040 and permission of Chair. This course is structured to meet the needs and abilities of non-language majors. Readings taken from a wide range of literary texts. Discussions in the foreign language. Credit: 3 semester hours.

3090; 3100 Masterpieces of French Literature I; II
Prerequisite: FRE 2040 or 2050, or permission of chair. This course traces the development of French literature from its origins to the Baroque. FRE 3100: This course traces the development of French literature from the French Revolution to the 20th century. Credit: 3 semester hours per semester.

3110; 3120 Advanced French Conversation
Prerequisite: FRE 2040 or 2050, or permission of chair. Drill and practice in conversational French. Topics are selected to meet the requirements of daily life. Not open to native or fluent speakers. Credit: 3 semester hours per semester.

3150 Review of French Grammar
Prerequisite: FRE 2040 or 2050, or permission of chair. This course is a review of the fundamentals of French grammar in preparation for more advanced French courses with a focus on reading and writing. This course may not be taken after the successful completion of 3870 or 3880. Credit: 3 semester hours.

3260 History of French and Francophone Cinema
Prerequisite: FRE 2040 or 2050, or permission of chair. This course features the study of the development of French cinema from its beginnings in 1895 through the present day. Credit: 3 semester hours.

3280 20th-Century French Film Media Culture
Prerequisite: FRE 2040 or 2050, or permission of chair. This course examines a variety of themes, genres and movements in 20th-Century French literature through the reading of texts and visualizing of films and the media. Credit: 3 semester hours.

3550; 3560 Civilization of France I; II
Prerequisite: FRE 2040 or 2050, or permission of chair. The history, geography, arts, science, folklore, politics, and customs that have contributed to the shaping of French civilization and culture. Part I covers the history and civilization of France from the origins to 1789. Part II covers French history and civilization from 1789 to the present. This course is conducted in French. Credit: 3 semester hours per semester.

3570 Urban Culture in Contemporary France
Prerequisite: FRE 2040 or 2050, or permission of chair. An examination of literature, music, and the visual arts documenting the emergence of what is now called "urban culture" in France. Credits: 3 semester hours.

3600 Contemporary France
Prerequisite: FRE 2040 or 2050, or permission of chair. This course studies all aspects of contemporary French Society and Culture. Credit: 3 semester hours.

3620 Paris in the French Culture
Prerequisite: FRE 2040 or 2050, or permission of chair. A study of the development of the city of Paris from its founding up to the present with the emphasis on its contributions to French culture; onsite discussions include urban study history, social history, literature, painting, music, and theater. Credit: 3 semester hours.

3670 19th-Century French Literature and Culture
Prerequisite: FRE 2040 or 2050, or permission of chair. An introduction to the principal poets, prose writers, and dramatists, as well as the culture of the 19th century. Credit: 3 semester hours.

3690 20th-Century French Literature and Culture
Prerequisite: FRE 2040 or 2050, or permission of chair. An introduction to the principal poets, prose writers, and dramatists, as well as the culture of the 20th century. Credit: 3 semester hours.

3810 Advanced French for Business
Prerequisite: FRE 2040 or 2050, or permission of chair. Introduction to the language and practices of today’s business world. The acquisition of the rules of commercial correspondence and the understanding and analysis of original commercial documents is emphasized. Credit: 3 semester hours.

3820 French Afro-Caribbean Literature and Culture
Prerequisite: FRE 2040 or 2050, or permission of chair. An introduction to the major contemporary writers of the French-speaking Antilles and Sub-Saharan Africa. Credit: 3 semester hours.
3830 French and Francophone Women Writers
Prerequisite: FRE 2040 or 2050, or permission of chair. A study of the French and francophone women writers from the 12th century to the present. Conducted in French. Course is elective for the Women’s and Gender Studies minor. Credit: 3 semester hours.

3840 Survey of Francophone Literature
Prerequisite: FRE 2040 or 2050, or permission of chair. Survey of contemporary Francophone literature, critical, and theoretical texts to examine various cultures outside of France through a literary lens. Credit: 3 semester hours.

3860 Human Rights and Globalization in Francophone Africa
Prerequisite: FRE 2040 or 2050, or permission of chair. Selected texts of contemporary Francophone Africa, critical, and theoretical texts to examine global structures and human rights issues through a literary lens. Credit: 3 semester hours.

3870; 3880 Advanced French Grammar and Composition I; II
Prerequisite: FRE 2040 or 2050, or permission of chair. A thorough study of difficult points of French grammar and syntax with translation of selected passages into idiomatic French and exercises in composition writing and stylistics. Credit: 3 semester hours per semester.

3900 Art and Skills of Translation
Prerequisite: FRE 3870 or 3880, or permission of chair. Translation is taught from a theoretical as well as practical point of view. Students are expected to translate a wide range of literary and non-literary texts from French into English. Credit: 3 semester hours.

3901 Francophone Literature
This course examines the cultures and the literatures of French-speaking countries outside of France, including French Canada, the French Caribbean, French Guiana, Haiti, Mauritius, North Africa and the Middle East, Sub-Saharan Africa and Madagascar, but also Switzerland, and many more. This course is taught in English. Credit: 3 semester hours.

3902 Women Writers in France
A study of the rich and diverse literary works of French women writers from the 12th century to the present, the changing sociological and historical context and their common issues and themes that constitute a female tradition. The course is taught in English and is not part of the sequence for the French major or minor. Course is elective for the Women’s and Gender Studies minor. Credit: 3 semester hours.

3920 Human Rights in Francophone Africa
The course examines Francophone African literature in the context of human rights and globalization. The approach is interdisciplinary, giving the students a historical, political, and economic background of French-speaking countries in Africa. The course is taught in English. Credit: 3 semester hours.

3921 History of French Cinema since WWII
This course features the study of the development of French cinema from its beginnings in 1895 through the present day. Course conducted in English. Credit: 3 semester hours.

4953 Independent Study
Prerequisite: FRE 2040 or 2050, or permission of chair. Guided undergraduate student research arranged on an individual basis. Permission of the chair and the language area coordinator required. Credit: 3 semester hours.

4980 International Internship (France)
Prerequisite: FRE 3110 or 3120, or permission of chair. Total immersion experience in the field of interest chosen by the student. Credit: 3 semester hours.

German Course Offerings (GER)

1010 German, Level I
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops basic communication skills in modern German. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a limited level within the context of German culture. Credit: 3 semester hours. GLCC fee, $50.

1020 German, Level II
Prerequisite: GER 1010. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops basic communication skills in modern German. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a limited level within the context of German culture. Credit: 3 semester hours. GLCC fee, $50.

2030 German, Level III
Prerequisite: GER 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops basic communication skills in modern German. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a limited level within the context of German culture. Credit: 3 semester hours. GLCC fee, $50.

Ancient Greek Classical Course Offerings (GRA)

1010; 1020 Elementary Ancient Greek I; II
Prerequisite: GRA 1010 is a prerequisite for GRA 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. An introduction to classical Greek (Attic); a study of Greek grammar, acquisition of a basic vocabulary and practice in translation. Credit: 3 semester hours. GLCC fee, $50 per semester.

Greek Modern Course Offerings (GRM)

1010 Modern Greek, Level I
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops basic communication skills in modern Greek. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a limited level within the context of Greek culture. Credit: 3 semester hours. GLCC fee, $50.

2030 Modern Greek, Level III
Prerequisite: GRM 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops basic communication skills in modern Greek. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency with more intensive reading and conversation within the context of Greek culture. Credit: 3 semester hours. GLCC fee, $50.

Hindi (HIN)

1010 Hindi, Level I
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course aims to develop the basic communication skills in Hindi. Through a progressive use of the four skills, listening, speaking, and writing, students develop oral and written proficiency within the context of Hindi culture. Credit: 3 semester hours. GLCC fee, $50.

1020 Hindi, Level II
Prerequisite: HIN 1010. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course aims to develop the basic communication skills in Hindi. Through a progressive use of the four skills, listening, speaking, and writing, students develop oral and written proficiency within the context of Hindi culture. Credit: 3 semester hours. GLCC fee, $50.
Italian Course Offerings (ITA)

1000 Intensive Italian I/II
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course aims to develop basic communication skills in Italian. Through a progressive use of the four skills, listening, speaking, reading, and writing, students develop oral and written proficiency at a limited level within the context of Italian culture. Credit: 6 semester hours. GLCC fee, $50.

1010 Italian, Level I
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course aims to develop basic communication skills in Italian. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a limited level within the context of Italian culture. Credit: 3 semester hours per semester.

1020 Italian, Level II
Prerequisite: ITA 1010 or permission of chair. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course continues to develop basic communication skills in Italian. Through a progressive use of the four skills, listening, speaking, reading, and writing, students develop oral and written proficiency at a limited level within the context of Italian culture. Credit: 3 semester hours. GLCC fee, $50.

2000 Intensive Italian III/IV
Prerequisite: ITA 1000 or 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. The course aims to develop intermediate to advanced communication skills in Italian. Through a progressive use mainly of listening, and speaking, but also reading and writing, students will develop oral and written proficiency within the context of Italian culture. Credit: 6 semester hours. GLCC fee, $50.

2030 Italian, Level III
Prerequisite: ITA 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course reviews the basic skills learned in Italian I and II and continues building oral and written proficiency with more intensive reading and conversation within the context of Italian culture. Credit: 3 semester hours. GLCC fee, $50.

2040 Intermediate Italian Conversation
Prerequisite: ITA 2030 or permission of chair. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course reviews the basic skills learned in Italian I, II and III and continues building oral and written proficiency with more intensive reading and conversation within the context of Italian culture. Credit: 3 semester hours. GLCC fee, $50.

3080 Italian Contemporary Readings
Prerequisite: ITA 2040 or permission of chair. Introduces students to contemporary literary texts in Italian. It is designed to improve students’ written and oral proficiency in Italian, and to prepare them for subsequent 3000 level work in Italian language, literature, and culture. Conducted entirely in Italian. Credit: 3 semester hours.

3090; 3100 Masterpieces of Italian Literature I; II
Prerequisite: ITA 2040 or 3080, or permission of chair. ITA 3090: Through lectures and direct textual analysis of major works, this course traces the development of Italian literature from its origins to the Baroque. ITA 3100: This course traces the development of Italian literature from the Age of Enlightenment through the twentieth century. These two courses may be taken out of sequence. Course is conducted in Italian. Credit: 3 semester hours per semester.

3110; 3120 Advanced Italian Conversation
Prerequisite: ITA 2040 or 3080, or permission of chair. Drill and practice in conversational Italian. Topics are selected to meet the requirements of daily life. Not open to native or fluent speakers. Credit: 3 semester hour per semester.

3150 Review of Italian Grammar
Prerequisite: ITA 2040 or 3080, or permission of chair. This course is a review of the fundamentals of Italian grammar in preparation for more advanced Italian courses with a focus on reading and writing. This course may not be taken after the successful completion of 3870 or 3880. Credit: 3 semester hours.

3260 Italian Cinema, from Neo-Realism to the Present
Prerequisite: ITA 2040 or 3080, or permission of chair. This course focuses on the development of the Italian cinema from World War II to our days. It examines the relationship between the screen and the socio-political and economic structures projected in a literary context. Course is conducted in Italian. Credit: 3 semester hours.

3520 Italian Culture and the Internet
Prerequisite: ITA 2040 or 3080, or permission of chair. This course provides insight into contemporary Italian society and culture. Students read and analyze authentic materials taken from on-line sources such as newspapers, magazines, literary sources and short stories. Course is conducted in Italian. Credit: 3 semester hours.

3550; 3560 Civilization of Italy I; II
Prerequisite: ITA 2040 or 3080, or permission of chair. The history, geography, art, science, music, literature, folklore, politics, habits, and customs that have contributed to the shaping of Italian civilization and culture. These two courses may be taken out of sequence. Course conducted in Italian. Credit: 3 semester hours per semester.

3590 Italian Dante and His Times
Prerequisite: ITA 2040 or 3080, or permission of chair. The evolution of Italian lyric poetry from the Scuola Siciliana through the Dolce Stil Nuovo, culminating with a study of Petrarch’s Canzoniere. Course conducted in Italian. Credit: 3 semester hours.

3600 Contemporary Italy
Prerequisite: ITA 2040 or 3080, or permission of chair. This course studies all aspects of contemporary life in Italy. Course conducted in Italian. Credit: 3 semester hours.

3610 Modern Italian Novella
Prerequisite: ITA 2040 or 3080, or permission of chair. The development of the modern Italian Novella from the early nineteenth century to contemporary times studied through the works of authors such as, Verga, Pirandello, Buzzati, Landolfi, Moravia, Calvino, and Tabucchi. Course conducted in Italian. Credit: 3 semester hours.

3660 Eros and Medieval Culture in Boccaccio’s Decameron
Prerequisite: ITA 2040 or permission of chair. This course traces the development of the Italian novella, culminating with a study of Boccaccio’s Decameron. Course is conducted in Italian. Credit: 3 semester hours.

3680 Modern Italian Theatre
Prerequisite: ITA 2040 or 3080, or permission of chair. The evolution of the modern Italian theatre from the groteschi to the experimental theatre of today; the works of Rossio di San Secondo, Chiarelli, Pirandello, Betti, De Filippo, and others. Credit: 3 semester hours.

3710 Trends in Italian Opera
Corequisite: MUS 1075. Survey of the Italian opera and analysis of the historical, cultural, and literary trends in Italian opera. Offered in Italian and English. Credit: 3 semester hours.

3720 Italian Culture through its Music
Prerequisite: ITA 2040 or 3080, or permission of chair. Evolution of Italian culture through music: from the opera to regional folk songs, the canzone napoletana and the birth of musica leggera. Credit: 3 semester hours.

3810 Advanced Italian for Business
Prerequisite: ITA 2040 or 3080, or permission of chair. Introduction to the language and practices of today’s business world. The acquisition of the rules of commercial correspondence and the understanding and analysis of original commercial documents is emphasized. Credit: 3 semester hours.

3820 La Divina Commedia
Prerequisite: ITA 2040 or 3080, or permission of chair. Dante’s masterpiece, with particular emphasis on its literary and philosophical significance. Course conducted in Italian. Credit: 3 semester hours.
This course, which is part of the sequence for the Italian major or minor. Credit: 3 semester hours.

3880 Italian Advanced Grammar and Composition I, II
Prerequisite: ITA 2040 or 3080, or permission of chair. A study of difficult points of Italian grammar and syntax, intensive composition practice and translation of selected passages into idiomatic Italian. These two courses may be taken out of sequence. Credit: 3 semester hours per semester.

3900 Art and Skills of Translation
Prerequisite: ITA 2040 or 3080, or permission of chair. This course addresses translation from theoretical and practical points of view. Students are expected to translate a wide range of texts from Italian into English. Course conducted in Italian. Credit: 3 semester hours.

3902 Pirandello’s Theatre
This course is a survey of Pirandello’s work as a playwright. It is intended to acquaint the student with the author’s most familiar themes and his worldwide impact on past and current theatrical trends. The course is taught in English and is not applicable to the Italian major or minor. Credit: 3 semester hours.

3903 Women Writers in Italy
The course studies both the changing socio-historical context of Italian women writers and their common issues and themes that constitute a female tradition in Italy. The course is taught in English and is not applicable to the Italian major or minor. Credit: 3 semester hours.

3920 Italian Culture through Food
Profile of Italian history and culture through the analysis of gastronomic documents and literary texts that span from the ancient Greeks to contemporary times. Special emphasis will be given to the study of the regional cuisines and wines, and their development. Offered in Italian and in English. Credit: 3 semester hours.

3921 Southern Italy: A Cultural Journey
Corequisite: ART 2929. This course, which is taught in English and conducted abroad, will expose the student to the variety of cultures that have shaped southern Italy throughout the centuries from the ancient Greeks to modern times, through personal encounters, research, and a Service-Learning experience. This course is taught in English and is not applicable to the Italian major or minor. Credit: 3 semester hours.

3922 Studies in Italian Culture
A study of the diversified elements comprising the background of the culture and civilization of Italy. Course conducted in English and is not part of the sequence for the Italian major or minor. Credit: 3 semester hours.

3923 The City of Rome
A study of the city of Rome through its historical periods and its literary and cultural movements. Italy’s capital city will be the focal point for broad analyses of the relation of past and present, the classical cultural heritage in Italy, the anti-classical movements of Italian art, architecture, literature, and film. Site visits are an integral part of this course. Offered in Rome and taught in English. Credit: 3 semester hours.

4953 Independent Study
Prerequisite: Permission of chair. Guided undergraduate student research arranged on an individual basis. Permission of the chair and the language area coordinator required. Credit: 3 semester hours.

4980 International Internship (Italy)
Prerequisite: ITA 3110 or 3120, or permission of chair. Total immersion experience in the field of interest chosen by the student. Credit: 3 semester hours.

Latin Course Offerings (LAT)

1010; 1020 Elementary Latin
Prerequisite: LAT 1010 is a prerequisite for LAT 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. An introduction to Latin; reading of Latin authors from the beginning of the course, accompanied by a study of the fundamentals of Latin grammar. Credit: 3 semester hours per semester. GLCC fee, $50 per semester.

2030; 2040 Intermediate Latin
Prerequisite: LAT 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center per semester. First Semester: Various prose selections (Nepos, Cicero, etc.) Second Semester: Selections from Vergil. Credit: 3 semester hours per semester. GLCC fee, $50 per semester.

2050 Selections from Medieval Latin
Prerequisite: LAT 2030 or equivalent. The lives and writings of several representative authors of the Middle Ages. A study of the influence of classical writings on medieval literature and the consequent influence of the medieval period on modern culture. Credit: 3 semester hours.

2060 Ecclesiastical Latin
Prerequisite: LAT 2030 or equivalent. A survey of the nature and historical use of Ecclesiastical Latin, with readings drawn from the liturgy, theological works and church documents. Credit: 3 semester hours.

4953; 4954 Independent Study
Individual guided study in Latin of a particular author or authors or of a genre of Latin literature. Credit: 3 semester hours per semester.

Linguistics Course Offerings (LIN)

1010 Introduction to Linguistics
An introduction to the fundamental principles of phonetics, phonology, morphology, syntax and semantics, with examples drawn from classical and modern languages. Credit: 3 semester hours.

1020 Survey of Linguistics
Prerequisite: LIN 1010. An introduction to the various fields of interest that comprise the modern study of linguistics. Credit: 3 semester hours.

1320 Greek and Latin Roots of English
An introduction to the Greek and Latin sources of English words, the principles of word formation and the appropriate usage of vocabulary. No knowledge of Greek or Latin required. Credit: 3 semester hours.

1810 Introduction to Phonology
An introduction to the study of sound systems found in language and its application to areas such as language acquisition, speech pathology, dialectal variation and historical change. Credit: 3 semester hours.

2150 Introduction to Romance Linguistics
Prerequisite: LIN 1010 or permission of chair. A survey of the evolution of the Romance family of languages and the linguistic properties of each of its members. Credit: 3 semester hours.

Languages and Literatures Course Offerings (LLT)

1000C Arabic Language and Culture
An introduction to the study of the nature, evolution, and diversity of human languages and their relationship to the development of culture. Specific sections may deal with particular languages as indicated in the course-offering bulletin. Credit: 3 semester hours.

1000C French Language and Culture
An introduction to the study of the nature, evolution, and diversity of human languages and their relationship to the development of culture. Specific sections may deal with particular languages as indicated in the course-offering bulletin. Credit: 3 semester hours.

1000C Indian Language and Culture
An introduction to the linguistic and cultural diversity of India and the Indian Diaspora from the earliest linguistic and cultural evidence of the Indus valley civilization and Vedic Sanskrit to the development of the modern Indian languages and the language of the gypsies, Indians in the new world, and East Asia. Credit: 3 semester hours.
1000C Italian Language and Culture
An introduction to the study of the nature, evolution, and diversity of human languages and their relationship to the development of culture. Specific sections may deal with particular languages as indicated in the course-offering bulletin. Credit: 3 semester hours.

1000C Spanish Language and Culture
An introduction to the study of the nature, evolution, and diversity of human languages and their relationship to the development of culture. Specific sections may deal with particular languages as indicated in the course-offering bulletin. Credit: 3 semester hours.

1040 Europe on the Move: France, Germany, Italy, and Spain Within the European Community
An overview of the economic, political, technological, and social changes that have occurred in France, Germany, Italy, and Spain over the last 10 years and that have contributed to the shaping of the European community. Credit: 3 semester hours.

Spanish Course Offerings (SPA)

1010 Spanish, Level I
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops basic communication skills in Spanish. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a limited level within the context of Spanish culture. Credit: 3 semester hours. GLCC fee, $50.

1020 Spanish, Level II
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops basic communication skills in Spanish. Through a progressive use of the four skills, listening, speaking, reading and writing, students develop oral and written proficiency at a limited level within the context of Spanish culture. Credit: 3 semester hours. GLCC fee, $50.

1030 Spanish, Level III
Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course continues building oral and written proficiency with more intensive conversation within the context of Spanish culture. Credit: 3 semester hours. GLCC fee, $50.

2030 Russian, Level III
Prerequisite: RUS 1020. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course develops oral and written proficiency at a limited level within the context of Russian culture. Credit: 3 semester hours. GLCC fee, $50.

2040 Intermediate Spanish Conversation
Prerequisite: SPA 2030 or permission of chair. Corequisite: 10 mandatory sessions at the Global Language and Culture Center. This course reviews the basic skills learned in Spanish I and II and continues building oral and written proficiency with more intensive reading and conversation within the context of Spanish culture. Credit: 3 semester hours. GLCC fee, $50.

2050 Readings in Modern Spanish
Prerequisite: SPA 2030 or 2040, or permission of chair. This course is structured to meet the needs and abilities of non-language majors. Conducted in Spanish. Credit: 3 semester hours. GLCC fee, $50.

3090; 3100 Masterpieces of Hispanic Literature I; II
Prerequisite: SPA 2040 or 2050, or permission of chair. SPA 3090: Through lectures and textual analysis, this course traces the development of Spanish literature from its origins through the 20th century. SPA 3100: Through lectures and textual analysis, this course traces the development of Spanish-American literature from the 16th through the 20th century. Credit: 3 semester hours per semester.

3110; 3120 Advanced Spanish Conversation
Prerequisite: SPA 2040 or 2050, or permission of chair. Conversation based on everyday topics and on readings taken from a wide range of literary and non-literary materials. Not open to native or fluent speakers. Credit: 3 semester hours per semester.

3350 Spanish for Heritage Speakers
Prerequisite: SPA 2040 or 2050, or permission of chair. Course designed to meet the needs of students who have had little formal training in the language. Credit: 3 semester hours.

3360 Review of Spanish Grammar
Prerequisite: SPA 2040 or 2050, or permission of chair. Review of Spanish grammar for more advanced courses. This course may not be taken after the successful completion of SPA 3870 or 3880. Credit: 3 semester hours.

3450 Feminist Themes in Spanish Literature
Prerequisite: SPA 2040 or 2050, or permission of chair. Critical reading and analysis of works in which Spanish women articulate culturally imposed limitations and use fiction as a tool for social change. Credit: 3 semester hours.

3455 The Mystery Novel in Spain
Prerequisite: SPA 2040 or 2050, or permission of chair. A survey of the contemporary mystery novel in Spain as a reflection of historical and cultural circumstances. Credit: 3 semester hours.

3550 Civilization of Spain
Prerequisite: SPA 2040 or 2050, or permission of chair. The history, geography, art, science, music, literature, folklore, politics, habits, and customs that have contributed to the shaping of Spanish civilization and culture. Credit: 3 semester hours.

3560 Civilization of Spanish America
Prerequisite: SPA 2040 or 2050, or permission of chair. The history, geography, art, science, music, literature, folklore, politics, manners, and customs which have contributed to the shaping of Spanish-American civilization and culture. Credit: 3 semester hours.

3570 Medieval Spanish Literature
Prerequisite: SPA 2040 or 2050, or permission of chair. A survey of Spanish medieval literature from the Poema de Mio Cid up to La Celestina. Credit: 3 semester hours.

3580 Works of Cervantes I
Prerequisite: SPA 2040 or 2050, or permission of chair. An in-depth study of Don Quijote. Credit: 3 semester hours.

3590 Works of Cervantes II
Prerequisite: SPA 2040 or 2050, or permission of chair. An in-depth study of the life and works of this author, including some chapters of Don Quijote, stressing the literary, religious, and social ideas of Miguel de Cervantes. Credit: 3 semester hours.
3600 Contemporary Spain
Prerequisite: SPA 2040 or 2050, or permission of chair. A study of all aspects of contemporary Spanish life. Credit: 3 semester hours.

3610; 3620 Spanish Golden Age Literature I; II
Prerequisite: SPA 2040 or 2050, or permission of chair. A study of the major literary genres and the principal writers and works of the period. Credit: 3 semester hours per semester.

3640 Romanticism and Realism in Spanish Literature
Prerequisite: SPA 2040 or 2050, or permission of chair. Survey of 19th century Spanish literature in its cultural and historical context. Credit: 3 semester hours.

3690 Contemporary Spanish America
Prerequisite: SPA 2040 or 2050, or permission of chair. Study of all aspects of contemporary Spanish American society and culture. Credit: 3 semester hours.

3710 The Essay in Spanish-American Literature
Prerequisite: SPA 2040 or 2050, or permission of chair. A study of the origin and development of the essay in Spanish-American literature. Credit: 3 semester hours.

3730 Spanish American Short Story
Prerequisite: SPA 2040 or 2050, or permission of chair. A study of the development of the short story in Spanish America from the colonial period to the twentieth century. Credit: 3 semester hours.

3770 Early Twentieth Century Spanish Literature
Prerequisite: SPA 2040 or 2050, or permission of chair. Prominent writers of the Silver Age of Spanish literature. Credit: 3 semester hours.

3780 Post Civil War Spanish Literature
Prerequisite: SPA 2040 or 2050, or permission of chair. Thematic and stylistic changes in Spanish fiction in the context of the Civil War and its aftermath. Credit: 3 semester hours.

3870; 3880 Advanced Spanish Grammar and Composition I; II
Prerequisite: SPA 2040 or permission of chair. Difficult points of Spanish grammar and syntax with translation of selected passages into idiomatic Spanish. Credit: 3 semester hours per semester.

3900 Art and Skills of Translation
Prerequisite: SPA 3870 or 3880, or permission of chair. Theoretical and practical aspects of translation. Students are expected to translate a wide range of texts from Spanish to English. Credit: 3 semester hours.

3910 Mystery Novel in Spain
Survey of the contemporary mystery novel in Spain as a reflection of historical and cultural circumstances. The course is taught in English. Credit: 3 semester hours.

3920 Feminist Themes in Spanish Literature
Prerequisite: SPA 2040, or 2050, or permission of chair. Critical reading and analysis of works in which Spanish women articulate culturally imposed limitations and use fiction as a tool for social change. The course is taught in English. Credit: 3 semester hours.

4775 Spanish Short Story
Prerequisite: SPA 2040 or 2050, or permission of chair. A study of the development of the modern short story in peninsular Spanish literature. Credit: 3 semester hours.

4780 Modern Spanish Poetry
Prerequisite: SPA 2040 or 2050, or permission of chair. A study of the trajectory of Spanish poetry from the romantics to the “Novisimos”. Credit: 3 semester hours.

4953 Independent Study
Prerequisite: SPA 3090 or 3100, or permission of chair. Guided undergraduate student research arranged on an individual basis. Permission of the chair and the language area coordinator required. Credit: 3 semester hours.

4980 International Internship (Spain)
Prerequisite: SPA 3110 or 3120, or permission of chair. Total immersion experience in the field of interest chosen by the student. Credit: 3 semester hours.

Mathematics (MTH)/Computer Science (CSC)

Major Sequences

B.A.
40 semester hours including: CSC 1390; MTH 1730, 1740, 2700, 2750, 2760, 2790, 3770, 3771R, 3780, 3781R, 3840, 4830, 4990. In addition, MTH majors on the Queens campus must take PHY 1930, 1940. MTH majors on the Staten Island Campus must take PHY 1440, 1450.

B.S.
55 semester hours including: CSC 1390; MTH 1730, 1740, 2700, 2750, 2760, 2790, 3770, 3771R, 3780, 3781R, 3810, 3840, 4830, 4990 and nine semester hours of upper level MTH courses. In addition, MTH majors on the Queens campus must take PHY 1930, 1940. MTH majors on the Staten Island Campus must take PHY 1440, 1450.

Computer Science
30 semester hours including: CSC 1400, 1410, 2420, 2450, 2470, 2480, 4990, MTH 1050, 1730, 1740, 2540, PHY 1440, and nine semester hours in upper level CSC courses. Available on Staten Island Campus only.

Minor Sequences

Mathematics
25 semester hours including: CSC 1390, MTH 1730, 1740, 2700, 2750, 2760, and 2790.

Computer Science
21 semester hours including: CSC 1400, 1410, and fifteen semester hours chosen from: CSC 2370, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500; MTH 2540. Available on Staten Island Campus only.

Information Science
18 semester hours including: CSC 1020; 1350 or 1400, 2490, and nine semester hours chosen from: CSC 1410, 1470, 2450, 2480, 2640. Available on Staten Island Campus only.

Mathematics Course Offerings (MTH)

0290 Introduction to College Mathematics
Emphasis is placed on reinforcing basic arithmetic skills and the essential elements of algebra necessary to undertake any college level mathematics courses. Course does not satisfy St. John’s University Core Curriculum requirement. Course does not apply to major or minor sequences. Credit: 3 semester hours.

1000C Mathematics for Liberal Arts
This course provides a qualitative approach to an understanding and interpretation of mathematics in the contemporary liberal arts. Topics to be discussed are selected from among those which have relevant application in the liberal arts. Credit: 3 semester hours.

1020 Applied Statistics I
Prerequisite: High school algebra. An introduction to general statistical methods for all disciplines. Credit: 4 semester hours.

1040 Mathematical Models for Decision Making
Prerequisite: Three years of high school mathematics. This course is intended to provide a foundation for practical decision making. Topics selected from finite mathematics, graph theory, probability, Markov chains, theory of voting, game theory. Particularly useful for students in the social sciences. Credit: 3 semester hours.

1050 College Algebra and Trigonometry
Corequisite: MTH 1051R. Review of elementary algebra; functions and graphs; sets of linear equations, introduction to exponential and logarithmic functions; trigonometry. For chemistry, mathematics, physics majors and pre-engineering students who have not attained satisfactory grades in advanced algebra and trigonometry in high school. Credit: 3 semester hours.

1125 Applied Statistics II: Multivariate Analysis
Prerequisite: MTH 1020. A continuation of the study of general statistical methods including factor analysis, multiple and curvilinear regression and analysis of covariance. Credit: 4 semester hours.
1210 Bio-Statistics
Probability and statistics with applications to the natural sciences. Open to biology, environmental studies majors and pre-med students only. Credit: 4 semester hours.

1220 Calculus with Biological Applications
Elementary calculus with applications whenever possible to the natural sciences. Open to biology, environmental studies majors and pre-med students only. Credit: 4 semester hours.

1250 Statistical Applications for Pharmacy and Allied Health
An introduction to the applications of probability and statistics to the pharmaceutical and allied health professions. Open to College of Pharmacy and Allied Health Professions students only. Credit: 3 semester hours.

1260 Calculus Applications for Pharmacy and Allied Health
An introduction to differential and integral calculus for the pharmaceutical and allied health professions. Open to College of Pharmacy and Allied Health Professions students only. Credit: 3 semester hours.

1300 College Algebra
A review of the real number system, methods of factoring, methods of solving polynomial equations, and an introduction to functions of a single variable. Course does not satisfy St. John’s University Core Curriculum requirements. Not applicable to major or minor sequences. Credit: 3 semester hours.

1310 Pre-Calculus with Business Applications
Review of algebra; linear, quadratic and other functions with applications to economics and business. Open to The Peter J. Tobin College of Business and St. John’s College of Liberal Arts and Sciences students only. Credit: 3 semester hours.

1320 Calculus with Business Applications
Prerequisite: MTH 1310. Introduction to calculus. Differentiation and integration of algebraic, exponential, and logarithmic functions of a single variable; introduction to functions of several variables; business and economics applications are stressed throughout. Open to The Peter J. Tobin College of Business and St. John’s College of Liberal Arts and Sciences students only. Credit: 3 semester hours.

1530; 1540 Fundamentals of Mathematics I; II
Prerequisite: MTH 1530 is a prerequisite for MTH 1540. The real number system and its subsystems; modular arithmetic; basic algebraic structures; experimental and informal geometry; measurement; logic, elementary probabilistic and statistical ideas and methods. Open to education majors only. Credit: 3 semester hours per semester.

1570; 1580 Survey of Mathematics I; II
Prerequisite: MTH 1570 is a prerequisite for MTH 1580. A general survey of elementary and modern mathematics. Topics are chosen with a view towards a variety of applications, logical paradoxes and mathematical games. The purpose is to provide a varied, useful and interesting background in mathematics. For adolescence education majors only. Not applicable to major or minor sequences. Credit: 3 semester hours per semester.

1730 University Calculus I
Prerequisite: Satisfactory grades in trigonometry and advanced algebra or MTH 1050. Functions; limits; differentiation of algebraic and transcendental functions; antiderivatives. For mathematics, pre-engineering, chemistry, and physics majors only. Credit: 4 semester hours.

1740 University Calculus II

2110 Applied Probability for Actuarial Science
The use of probability in a risk management setting. The fundamental axioms of probability and the standard probability distributions, as they are used in the applied field of risk management. Open to mathematics and actuarial science majors. Credit: 4 semester hours.

2390 Introduction to Operations Research
Scientific approaches to decision making involving the operations of organizational systems. Topics include integer programming, probability, stochastic processes, game theory, networks. Credit: 3 semester hours.

2540 Computer Mathematics
Mathematical concepts used in designing and analyzing algorithms. Topics may include permutations and combinations, mathematical induction, discrete probability, propositional logic and applications to number systems, summation, limits, vectors and matrices. Credit: 3 semester hours.

2560 Topics in Mathematics
Elementary number theory; real number system and sub-system; transformations and functions, isometries and symmetry groups. Open to education majors only. Credit: 3 semester hours.

2700 Introduction to Mathematical Thinking
Prerequisite: MTH 1740. An introduction to the tools of mathematics. How to read and write mathematics; construct examples and counterexamples; elementary mathematical logic; methods of proof. Students will be required to give presentations. Credit: 3 semester hours.

2750 University Calculus III
Prerequisite: MTH 1740. Matrices and vectors; vector functions and their derivatives; partial differentiation, multiple integrals. Credit: 4 semester hours.

2760 University Calculus IV
Prerequisite: MTH 2750. Multiple integrals and their applications: Green’s Theorem, Stokes’ Theorem, sequences and series. Credit: 4 semester hours.

2790 Introduction to Linear Algebra
Prerequisite: MTH 1740, 2700. Vectors and vector spaces; linear transformations and matrices; characteristic values and characteristic vectors of linear transformations; similarity of matrices. Credit: 3 semester hours.

2800 Introduction to Modern Algebra
Prerequisite: MTH 2700, 2750. Elementary theory of groups, rings, integral domains and fields. Credit: 3 semester hours.

3380 Discrete Mathematics
The application of mathematics to discrete rather than continuous models. Credit: 3 semester hours.

3770 Advanced Calculus I
Prerequisite: MTH 2700, 2750. Corequisite: MTH 3771R. Topology of the real line. Limits, continuity, differentiation of functions of one variable. Integration theory. All from a theoretical point of view. Credit: 3 semester hours.

3780 Advanced Calculus II
Prerequisite: MTH 3770. Corequisite: MTH 3781R. Limits, continuity, differentiability for functions of several variables. Implicit Function Theorem. Series of functions. All from a theoretical point of view. Credit: 3 semester hours.

3810 Mathematical Theory of Probability and Statistics I
Prerequisite: MTH 2750. Introduction to probability; sample spaces, random variables, Probability Distributions. Credit: 3 semester hours.

3820 Mathematical Theory of Probability and Statistics II
Prerequisite: MTH 3810. Sampling distributions, parametric estimation and hypothesis testing; correlation and regression; special topics. Credit: 3 semester hours.

3840 Ordinary Differential Equations
Prerequisite: MTH 2750. First order equations, existence and uniqueness, Picard iteration, numerical methods. Linear algebra of linear systems and their solutions. Models, phase plane, nonlinear systems, stability. Credit: 3 semester hours.

3850 Partial Differential Equations
Prerequisite: MTH 3840. Discussion of first order equations; derivation and classification of second order equations; solution techniques of boundary value and initial value problems; applications. Credit: 3 semester hours.
3860 Numerical Analysis I
Prerequisite: MTH 2750. Errors; methods of interpolation, numerical solution of algebraic, transcendental and differential equations. Credit: 3 semester hours.

3870 Numerical Analysis II
Prerequisite: MTH 3860. Least Squares approximations, smoothing formulas, numerical solutions. Methods of solutions via computer software packages. Credit: 3 semester hours.

3970 Topics in Applied Mathematics
Prerequisite: Consent of instructor. Topics selected from areas such as mathematical physics, integral equations, Fourier analysis. Credit: 3 semester hours.

4830 Complex Variables
Prerequisite: MTH 3780 or approval of department. Analytic functions, power series, complex integration and Cauchy’s Theorem, application of Cauchy’s Theorem; Laurent Series and the Residue Theorem, evaluation of real integrals. Credit: 3 semester hours.

4903 Internship in Mathematics
Restricted registration. Fieldwork (eight hours per week) where students are afforded the opportunity of working in the professional field of mathematics, practice under the supervision and counseling of a faculty member. Credit: 3 semester hours.

4906 Internship in Mathematics
Restricted registration. Fieldwork (sixteen hours per week) where students are afforded the opportunity of working in the professional field of mathematics, practice under the supervision and counseling of a faculty member. Credit: 6 semester hours.

4910 Introduction to Set-Theoretic Topology
Prerequisite: MTH 3780. Basic topological concepts; continuous mappings, connectedness and compactness; metric spaces. Credit: 3 semester hours.

4920 Elementary Number Theory
Prerequisite: MTH 3780. Theory of Congruences; Diophantine equations; quadratic residues; properties of number theoretic functions. Credit: 3 semester hours.

4930 Functions of a Real Variable
Prerequisite: MTH 3780. Measure theory, integration, and selected topics in real analysis. Credit: 3 semester hours.

4940 Foundations of Mathematics
Prerequisite: MTH 2800. Sets of axioms and their properties; algebraic, geometric and numerical structures and their properties, Intuitionism, Formalism. Credit: 3 semester hours.

4950 Concepts of Geometry
Prerequisite: Consent of instructor. Axiomatic systems, projective, affine, Euclidean and non-Euclidean geometries. For mathematics or education majors with department approval. Credit: 3 semester hours.

4953 Independent Study
Prerequisite: MTH 3780 or consent of instructor. Guided research and reading on an individual basis. Students must submit to the Chair of the department for approval, prior to registration, an outline of subject areas to be researched or read, as well as written acceptance of a faculty member of their choice. For senior mathematics majors with departmental approval. Credit: 1 to 3 semester hours.

4960 Theory of Probability
Fundamentals of probability theory with emphasis on finite sample spaces. Combinatorics, random variables, distributions, limit theorems, introduction to stochastic processes. Credit: 3 semester hours.

4990 Senior Seminar
Prerequisite: MTH 3780 or consent of instructor. Reading and discussion of topics in current mathematics emphasizing the unification of the student’s previous coursework. Term project. Credit: 3 semester hours.

Computer Science Course Offerings (CSC)

1000 Introduction to Computing for the Liberal Arts
Computers for the non-specialist with an emphasis on microcomputers. Hardware and software principles; elementary programming in a current language; computer applications involving word processing, spreadsheets, database; personal and social impact of computers. Not applicable to the CSC major sequence. Credit: 3 semester hours.

1010; 1015 Computer Programming with Applications I; II
Prerequisite: CSC 1010 or 1390; MTH 1740. Basic computer concepts. Programming of numeric and nonnumeric problems, computer application in various disciplines. Credit: 3 semester hours per semester.

1020 Principles of Computer Science
Prerequisite: CSC 1000 or permission of instructor. The study of selected software packages to explore the capabilities of computer systems. Advanced Windows programs, database management systems, network and Internet software and elementary programming. Credit: 3 semester hours.

1350 Commercial Computing
Prerequisite: CSC 1020. Applications of computer techniques to problems from business. The COBOL programming language; sorting, credit card billing, information retrieval, linear programming, inventory control, and queuing, sequential files, sorting and merging, table processing. Credit: 3 semester hours.

1390 Computer Programming with Calculus Application
Prerequisite: MTH 1730. Corequisite: MTH 1740. Development of basic programming skills with an emphasis on calculus-related algorithms. Introduction to numerical analysis. Credit: 3 semester hours.

1400 Computer Science I
Prerequisite: CSC 1010 or 1390; MTH 1740. Fundamentals of computing; Von Neumann architecture; program design, testing, correctness; object-oriented programming using the C++ programming language; program efficiency. Laboratory, 1 hour. Credit: 3 semester hours.

1410 Computer Science II
Prerequisite: CSC 1400. Object-oriented programming, problem correctness, algorithm analysis developed further; introduction to data structures-linked lists, stacks, queues, trees and graphs; overview of operating systems, distributed computing and databases. Laboratory, 1 hour. Credit: 3 semester hours.

1470 Advanced Programming
Prerequisite: CSC 1410. Design and implementation of large-scale systems. Documentation, testing and debugging techniques. Top-down structured programming and object-oriented programming and design. Credit: 3 semester hours.

2370 Data Communications
Prerequisite: MTH 1740. Overview of data communications, networking, communications architecture and standards, data transmission, data encoding; digital data communications techniques; data link control; networking techniques; packet switching; protocols and architecture; and selected topics. Credit: 3 semester hours.

2420 Logical Design and Computer Architecture
Prerequisite: CSC 1410. Number systems and codes; number representation and arithmetic. Basic logic design; combinational and sequential circuits; Boolean algebra; minimization techniques for completely and incompletely specified problems; introduction to computer architecture. Credit: 3 semester hours.

2430 Computer Organization
Prerequisite: CSC 1410. Machine and assembly languages; discussion of systems programs, including compilers, assemblers, loaders, editors and interpreters. Credit: 3 semester hours.

2440 Compiler Design
Prerequisite: CSC 2430. Compiler construction; symbol tables, lexical scanning, syntax analysis, memory allocation, object code generation, optimization techniques and interpreters. Credit: 3 semester hours.
2450 Programming Languages  
Prerequisite: CSC 1410. Formal concepts and structures of programming languages with practice in different types of languages.  
Credit: 3 semester hours.

2460 Simulation  
Prerequisite: CSC 1410. Generation of random numbers and variates; deterministic and probabilistic models; computer modeling and simulation systems with applications in selected areas.  
Credit: 3 semester hours.

2470 Operating Systems  
Prerequisite: CSC 1410. Aspects of operating systems; memory managements and resource allocation, virtual memory; paging and segmentation, multiprocessing, scheduling, interrupt handling, thrashing, deadlock detection and prevention, and cache memory.  
Credit: 3 semester hours.

2480 Algorithms and Data Structures  
Prerequisite: CSC 1410. Data and its representation; advanced treatment of the properties, applications and implementation of linear and non-linear linked lists, strings, arrays, stacks, queues, trees, graphs, algorithms for sorting, searching and hashing. Applications.  
Credit: 3 semester hours.

2490 Databases  
Prerequisite: CSC 2480. Relational, hierarchical and network database systems; file organization and access techniques; query and update languages; data security and integrity.  
Credit: 3 semester hours.

2500 Data Security and Cryptography  
Prerequisite: CSC 1400. Methods for maintaining security and integrity of computer data; mathematical treatment of contemporary topics in cryptography; overview and selected topics in data security.  
Credit: 3 semester hours.

2640 Networking I—TCP/IP  
Prerequisite: CSC 1020. An introduction to the TCP/IP protocols and the principles of networking. Topics include: ARP, RARP protocols; the IP addressing scheme; routing in networks; the UDP, TCP, ICMP protocols; subnet and supernet addressing extensions; internet multicasting; client-server model; TCP/IP over ATM; the Domain Name Service; applications such as FTP, SMTP, SNMP.  
Credit: 3 semester hours.

2720 Computability and Automata  
Prerequisite: CSC 2450. Propositional logic, graphs and digraphs, alphabets, languages, deterministic and nondeterministic finite automata, regular expressions, language acceptors, grammars, Turing machines, and computability.  
Credit: 3 semester hours.

4903 Internship in Computer Science  
Restricted registration. Fieldwork (eight hours per week) where students are afforded the opportunity of working in the computer industry under the supervision and counseling of a faculty member.  
Credit: 3 semester hours.

4906 Internship in Computer Science  
Restricted registration. Fieldwork (sixteen hours per week) where students are afforded the opportunity of working in the computer industry under the supervision and counseling of a faculty member.  
Credit: 6 semester hours.

4990 Seminar in Computer Science  
Restricted registration. Reading, discussion, and investigation of special topics in computer science.  
Credit: 3 or 4 semester hours.

Philosophy (PHI)  

Major Sequence  
36 semester hours including: PHI 1000C, 2200C, 3000C, 3400, 4990, nine semester hours from: PHI 3500, 3510, 3520, 3530, and twelve semester hours chosen from any PHI course offerings except PHI 2220C and PHI 2240C.

Minor Sequences  

Philosophy  
18 semester hours including: PHI 1000C, 2200C, 3000C, and nine semester hours chosen from any PHI course offerings except PHI 2220C and 2240C.

Philosophy of Science  
18 semester hours including: PHI 1000C, 2200C, 3000C, 3800, and six semester hours chosen from: PHI 2320, 3720, 3810, 3820.

Philosophy of Law  
21 semester hours including: PHI 1000C, 2200, 3000C, 3400, 3650, and six semester hours chosen from: PHI 3420, 3540, 3660, 3680, 3740; CLS 2600.

Philosophy Course Offerings (PHI)  

Core Philosophy Courses  

1000C Philosophy of the Human Person  
An introduction of the general question “What does it mean to be a human person?” Special emphasis on the nature of human freedom, consciousness and cognition, and the origin and significance of life. Central to the course will be a discussion of the spirituality, immortality and dignity of the human person. The course begins with an introduction to philosophy and to critical thinking.  
Credit: 3 semester hours.

2200C Ethics  
Prerequisite: PHI 1000C. Human happiness and the essential means of achieving it; universal and objective morality vs. relativism and subjectivism; principles used in formulating a rational moral judgment; the functions of law and the conscience; prudence and the moral virtues as the heart of the moral life.  
Credit: 3 semester hours.

2220C Ethics and Business  
Prerequisite: PHI 1000C. The development of the general principles of the moral life in regard to happiness and the means to attain happiness. The objective moral principles which impact on one’s life in its various dimensions personal, familial, social and political. Special emphasis is placed on the application of ethical principles to accounting, economics, finance, management, and marketing. Open to The Peter J. Tobin College of Business students only.  
Credit: 3 semester hours.

2240C Ethics and Health Care  
Prerequisite: PHI 1000C. A discussion of the nature of human happiness and the development of moral principles and their impact on one’s life in its various dimensions: personal, familial, social, political and professional. The application of these principles to ethical issues as they arise in medical practice and the practice of pharmacy.  
Credit: 3 semester hours.

3000C Metaphysics  
Prerequisite: PHI 1000C. An introductory course which attempts to articulate ultimate principles of knowing and being. Central questions to be considered are: Is there evidence of God’s existence and correspondingly, is there a solution to the problem of evil? Does human cognition permit of ultimate foundations? Is nature teleological and if so can it serve as an objective standard of value? The course also considers traditional metaphysical aspirations in the context of contemporary challenges from the physical and social sciences.  
Credit: 3 semester hours.

Major and Elective  

Philosophy Courses  

3320 Science and Religion: A Philosophical Analysis  
Prerequisite: PHI 1000C and three semester hours in the physical/biological sciences. A study of the relation between science and religion through an examination of the criteria for determining the optimal interrelation, their historical interactions and current debates concerning their interconnection.  
Credit: 3 semester hours.

3330 Introduction to Feminist Philosophy  
Prerequisite: PHI 1000C. A general introduction to both the past history as well as current concerns of feminist theory. The readings for the course will cover classic feminist texts (Wollstonecraft, Mill, Engels) as well as contemporary Feminist thinkers, covering questions about the experiences of women in the treatment of methodology, metaphysics, theory of knowledge, philosophy of science, and philosophy of mind.  
Credit: 3 semester hours.

3400 Introduction to Logic  
A study of the elementary and advanced forms of deductive argumentation in both traditional logic and the modern logic of propositions.  
Credit: 3 semester hours.
3420 Informal Logic
Application of principles of logic to law, politics, arts, science, advertising, ethics and media. Special emphasis on developing skill of detecting informal fallacy. Credit: 3 semester hours.

3500 History of Ancient Philosophy
A survey of ancient Greek philosophy from its origin up to the 4th century A.D. Emphasis is on pre-Socratic period, Plato, Aristotle, Scepticism, Epicureanism, Stoicism and neo-Platonism. Credit: 3 semester hours.

3510 History of Medieval Philosophy
A survey of the development of medieval philosophy with special emphasis on the principal philosophers: St. Augustine, St. Anselm, St. Bonaventure, St. Thomas Aquinas, John Duns Scotus and William of Ockham. Credit: 3 semester hours.

3520 History of Modern Philosophy
Prerequisite: PHI 3000C or permission of instructor. An examination of the central epistemological and metaphysical issues of modern philosophy. Credit: 3 semester hours.

3530 History of Contemporary Philosophy
Prerequisite: PHI 3000C or permission of instructor. The development of modern contemporary philosophical thought from Hegel to the present. The fundamental views of such 20th century thinkers as Heidegger, Sartre, Husserl, Russell, Moore, Ayer, Popper, Gilsen, Maritan, Wittgenstein and Rorty are introduced. Various philosophic methods and models are analyzed. Credit: 3 semester hours.

3540 American Philosophy
Prerequisite: PHI 3000C. The classic expressions of the American Pragmatic movement in the writings of C.S. Peirce, William James, and John Dewey are presented with reference to cultural context and subsequent developments. (e.g. Founding Fathers, Emerson, Thoreau, Henry James, Martin Luther King, Jr., Richard Rorty). Credit: 3 semester hours.

3550 Existentialism
Prerequisite: PHI 3000C. A general survey of the history and the main themes of the Existentialist movement; an analysis of relevant texts by major existentialist philosophers and an attempt at constructing an existentialist philosophy of person. Credit: 3 semester hours.

3570 Personalism
Prerequisite: PHI 2200C. This course explores some of the leading personalist philosophers of the past one hundred years such as Martin Buber, John MacMurray, Emmanuel Mounier, and Gabriel Marcel. Jacques Maritain’s view of person is also discussed. There is an in depth discussion of love, fidelity, promises, vows and the possibility of a life commitment. Credit: 3 semester hours.

3600 Problem of God
Prerequisite: PHI 3000C. The background, beginning with the 17th century, of present day opinion concerning the existence of God; the nature of a realistic philosophy of God; the examination of proofs of God’s existence; a study of influential atheists and a presentation of a contemporary philosophy of God. Credit: 3 semester hours.

3610 Philosophy of Religion
Prerequisite: PHI 3000C. This course compares and contrasts the metaphysical foundations of religion as they are found in perennial, modern, and contemporary philosophies. Credit: 3 semester hours.

3630 Epistemology
Prerequisite: PHI 1000C. An examination of the fundamental nature of human knowledge—its mode of existence, sources and validity. Classical, modern and contemporary approaches to knowledge are addressed. Credit: 3 semester hours.

3640 Aesthetics
Prerequisite: PHI 1000C. A philosophical investigation into the meaning of the transcendental beauty. The nature, principles and end of artistic work as it relates to society, as well as the role of artist and aesthetic. Credit: 3 semester hours.

3650 Philosophy of Law
Prerequisite: PHI 2200C. A critical examination of the central issues in contemporary legal philosophy. Major themes include: the nature of legal reasoning; the relationship of law and morality; the recent development of legal hermeneutics, and the justification of punishment. A central concern of the course is to understand how legal institutions evolve, an evolution which is both faithful and yet progressively responsive to Constitutional ideals. Credit: 3 semester hours.

3660 Political Philosophy
Prerequisite: PHI 2200C. An investigation of the standards and procedures for political legitimation, including an analysis of the following: the common good of the political community, the greatest good for the greatest number, the promotion of virtue, and agreement resulting from a social contract or ideal discourse. Special attention is given to an examination of the nature, function, and justification of “rights.” Credit: 3 semester hours.

3670 Modernity in Crisis
Prerequisite: PHI 2200C. In a world described as postmodern, a world increasingly marked by violence and irrationality, the traditional philosophical search for meaning and ethical value, and the ideas of truth and rationality have been called into question. This course examines the response to this crisis by recent Continental thought. Credit: 3 semester hours.

3680 Philosophical Issues Concerning Religion in the State
Prerequisite: PHI 2200C. This course examines the basic problematic of religion in a liberal state. To what extent can religious conviction ground political justifications? The course traces the issue in its historical development, and examines its contemporary controversies. The ideal of public reason—the principles and arguments that form the basis of authentic dialogue in a diverse community—will be critically explored. Credit: 3 semester hours.

3700 Contemporary Moral Problems
Prerequisite: PHI 2200C. The response to authentic moral values in man’s inter-personal existential encounter with modern life and its moral problems. Among the topics treated are: the dignity of the human being, sex, abortion, birth control, sterilization, lying, racial discrimination, free speech, labor unions, Socialism, Communism, war and peace. Credit: 3 semester hours.

3720 Environmental Ethics
Prerequisite: PHI 2200C. An investigation of the environment and its relationship to the human person. Special emphasis is placed on the moral issues that arise from that relationship such as the moral standing of non-humans and the responsibility of the present generation to future generations. Credit: 3 semester hours.

3740 Social Justice
Prerequisite: PHI 2200C. An investigation of social justice issues in the contemporary postmodern world. The course discusses how various philosophical theories and historical perspectives can aid or distort our understanding of social justice and its concretization. Credit: 3 semester hours.

3800 Philosophy of Science
Prerequisite: PHI 3000C and three semester hours in the physical/biological sciences. The logic and methodology of science with special emphasis on the theory ladenness of observation, the nature and structure of scientific theories and the verification/falsification of laws and theories. Credit: 3 semester hours.

3810 Philosophy of Physical Sciences
Prerequisite: PHI 3000C and three semester hours in the physical/biological sciences. A study of the fundamental philosophical issues that have arisen in the history of physics, astronomy and cosmology. Credit: 3 semester hours.

3820 Philosophical Issues in Biology
Prerequisite: PHI 3000C and three semester hours in the physical/biological sciences. An issue-oriented investigation of the methods and results of the science of biology. Among the issues discussed are the fact of evolution, theories of evolution, teleological explanations, reductionism and organism, taxonomy and the uniqueness of method in biology. Credit: 3 semester hours.
3900 Philosophy of Literature: Meaning, Mystery and Metaphysics in the Catholic Novel  
Prerequisite: PHI 1000C. A philosophical probe into the nature of meaning, mystery and metaphysics in relation to the truth contained in literature, more specifically stories and most specifically the Catholic novel. The course explores the philosophical outlook of novelists such as Graham Greene, Evelyn Waugh, François Mauriac, George Bernanos, Walker Percy, Morris West and Flannery O'Connor. Credit: 3 semester hours.

3910 Philosophy of Language  
Prerequisite: PHI 3000C. An introductory course covering such topics as the ideational, referential and behavioral theories of linguistic meanings; translation and indeterminacy; realism and anti-realism. Special concerns of this course are the relationship between language and mind; the relationship between semantics and pragmatics. Credit: 3 semester hours.

3920 Philosophy and Film  
Prerequisite: PHI 1000C. An exploration of the philosophy of person and the philosophy of God through the medium of film classics. Credit: 3 semester hours.

4953 Reading and Research  
Restricted registration. Guided research and reading for the special needs of an individual student which cannot be met by regular scheduled course offerings of the department. Prior to registration, the student must submit to the department chair a written outline of the area(s) to be researched or read, together with the written acceptance of the project by a faculty member of the department. Open only to juniors and seniors. Approval of the department chair is required. Credit: 3 semester hours.

4990 Seminar in Philosophy  
Prerequisite: PHI 3000C. An intense reading, writing, and critical discussion course, based on a central theme in contemporary philosophy, in a seminar format. This course is for philosophy majors who have completed all other requirements of the major. Offered spring semester only. Credit: 3 semester hours.

Physics (PHY)  
Major Sequences

Physics  
51 semester hours including: PHY 1930, 1940, 1950, 1970, 2150, 2460, 3210, 3221, 3240, 3330, 3370, and sixteen semester hours from upper level PHY courses. PHY 1950 is waived for students having a prior calculus course. PHY 1610, 1620 may be substituted for PHY 1930, 1940 with permission from the department chair. In addition, physics majors are required to take MTH 1730, 1740, 2750, 2760, and one upper level PHY or MTH course.

Mathematical Physics  
23-26 semester hours including: PHY 1930, 1940, 1950, 1970, 2460, 3210, 3310, 3330. PHY 1950 is waived for students having a prior calculus course. PHY 1610, 1620 may be substituted for PHY 1930, 1940 with permission from the department chair. In addition, mathematical physics majors are required to take CSC 1390; MTH 1730, 1740, 2750, 2760, and one upper level PHY or MTH course.

Physical Science  
37 semester hours including: PHY 1930, 1940, 1950, 1970, and twenty-three semester hours from upper level PHY courses. PHY 1950 is waived for students having a prior calculus course. PHY 1610, 1620 may be substituted for PHY 1930, 1940 with permission from the department chair. In addition, physical science majors are required to take MTH 1730, 1740.

Physical Science/Pre-Engineering  
The Engineering Program is a five-year curriculum offered jointly by St. John’s University and Manhattan College. The first three years of pre-engineering studies are taken at St. John’s University. Students attaining a minimum quality point index of 2.5 and other requirements are then admitted to Manhattan College for the last two years of engineering studies in any of the undergraduate curricula. Both a B.S. degree from St. John’s and a B.E. degree from Manhattan College are awarded when the student successfully completes the program. During their first three years candidates complete general requirements for a Bachelor of Science degree and the following: PHY 1930, 1940, 1950, 1970, 2110, 2150, 3221, 3510, CSC 1010 or 1390, MTH 1730, 1740, 2750 and 3840; PHY 1950 is waived for students having a prior calculus course. A few additional courses (usually two or three) will be specified by the Physics Department in accordance with the student’s preparation and chosen engineering discipline. It may be necessary for students to take summer courses to complete the program in five years.

To assure an orderly sequence of studies, students must have the approval of the Physics Department for each semester’s courses. Some modifications of the requirements can be accepted when approved by the Physics Department and by Manhattan College.

Minor Sequence  
16 semester hours including: PHY 1610, 1620, or 1930, 1940, and eight semester hours of PHY courses in consultation with the department.

B.S./M.B.A.  
The five-year B.S. Physics/M.B.A. and B.S. Mathematical Physics/M.B.A. are offered jointly by St. John’s College of Liberal Arts and Sciences and Tobin College of Business at St. John’s University.

For the B.S. Physics/M.B.A. program, the required physics courses are: PHY 1930, 1940, 1970, 2460, 3210, 3221, and 3330. In addition, 3220 and 3310 can be taken as elective courses.

For the B.S. Mathematical Physics/M.B.A. program, the required physics courses are: PHY 1930, 1940, 1970, 2460, 3210, 3310, and 3330. In addition, 3220 and 3221 can be taken as elective courses.

Determination on student’s progression into the program will be made in the junior year, using GMAT scores and GPA criteria commensurate with the requirement for admission to M.B.A. programs.

Physics Course Offerings (PHY)  
1020 Physics in Words and Pictures  
A survey of modern physics without math. Words and pictures illustrate our current concepts of the laws of nature. These are used to explain various everyday phenomena, the scientific view of the cosmos, and elements of modern technology. No prior study of physics required. Credit: 3 semester hours.

1030 Principles of Contemporary Science  
A non-mathematical treatment of the fundamental scientific principles of the physical world; the nature of matter and energy, atoms and nuclei; fundamentals of our knowledge of the earth and the universe; influence of natural sciences on human thought and society. No prior study of physics required. Credit: 3 semester hours.

1060 Introduction to Astronomy  
A non-mathematical perspective of astronomy: solar system, stars and their evolution, nebulae and supernovae, galaxies and the universe. No prior study of physics is required. Credit: 3 semester hours.

1080 Our Planet  
An integrated, descriptive study of our planet, stressing the principles of plate tectonics. The topics include the origin and history of the earth, volcanoes and earthquakes, continental drift, environmental geology and astrogeology. No prior study of physics required. Credit: 3 semester hours.

1090 The Science of Weather  
The structure of Earth’s atmosphere and its energy exchanging processes. Cloud formation, air-masses, cyclones and anticyclones; thunderstorms, tornadoes and hurricanes. Weather prediction and modification. No prior study of physics required. Credit: 3 semester hours.
1120 Energy and Environment

1140 Introduction to Space Science

1210 Planet Earth-Form and Structure
Earth’s continents, oceans and abundant surface features are interpreted in terms of the planet’s turbulent but orderly interior. Earth is treated as a dynamic system. Credit: 3 semester hours.

1220 Planet Earth-Historical Geology
Evolution of the earth through time as revealed in fossils, rocks, radioactive materials and other evidence. The planet’s history is reconstructed from these clues. Credit: 3 semester hours.

1310 Physics of Sound and Music
The physics of sound and music, including simple harmonic motion, waves and sound, standing waves and overtones, pressure and ideal gas law, room acoustics and musical temperament and pitch. Credit: 3 semester hours.

1320 Physics of Light and Color
This course is designed for undergraduate non-science students. It will discuss the properties of light and color, the interaction of light with matter, human eye, the color vision and the formation of visual images. It also covers reflection, refraction, lenses, and applications to photography and lasers and holography. Credit: 3 semester hours.

1340 Renewable Energy and Applications
This course is designed for undergraduate science and non-science students. It will provide an introduction to energy systems and renewable energy resources, with a scientific examination of different types of energy, alternate energy sources and their technology and application. The class will also discuss the society’s present energy needs and future demands, examine conventional energy sources, and then focus on alternate, renewable energy sources such as solar, biomass (conversions), wind power, geothermal, and hydro. Credit: 3 semester hours.

1410 Introduction to General Physics
The course is designed to help students with weak background in physics or those who have no prior physics courses. Topics include: Introduction to algebra and calculus, and vectors, and selective topics such as mechanics, optics, heat, electricity and magnetism. Credit: 3 semester hours.

1430 Introduction to Physics
A survey of mechanics, including falling body and collision problems; an introduction to gases, fluid flow, heat, sound and light. Problem-solving is limited to simple algebra. Applications to biology and medicine. Credit: 3 semester hours.

1440 Physics Theory I
Prerequisite: MTH 1730. An introductory course in the study of the basic theories in classical mechanics, work and energy, heat, sound and wave mechanics. Basic principles and concepts are stressed over applications. Open to non-science majors only. Credit: 4 semester hours.

1450 Physics Theory II
Prerequisite: PHY 1440. A continuation of Physics Theory I, introducing the basic theories of light, optics, electricity, magnetism and atomic and nuclear physics. Basic principles and concepts of classical and modern physics are stressed throughout. Open to non-science majors only. Credit: 4 semester hours.

1520 Earth Science
An integrated study of the basics of astronomy, physical geography, cartography, meteorology and oceanography. Credit: 3 semester hours.

1530 Time Traveling (Mini-Course)
A survey of time traveling: the dawn of time; laws linking past, present and future; aging and time’s arrow; stargazing into the past; freezing time; the quantum cat and time travel in the many-worlds interpretation; slowing time with speed and gravity; time reversal and antimatter. No prior study of physics is required. Not applicable to major sequence. Credit: 3 semester hours.

1610; 1620 College Physics I; II
Prerequisite: PHY 1610 is a prerequisite for PHY 1620. Corequisites: PHY 1611L and PHY 1612R are corequisites for PHY 1610. PHY 1621L and PHY 1622R are corequisites for PHY 1620. First Semester: An introduction to mechanics, heat, waves and sound. Second Semester: An introduction to optics, electricity and magnetism, atomic and nuclear physics. Appropriate for biology majors. Not open to chemistry, physics or mathematics majors in St. John’s College. Lecture, 3 hours. Laboratory, 2 hours. Recitation, 1 hour. Credit: 4 semester hours per semester. Laboratory fee, $25 per semester.

1930; 1940 University Physics I; II
Prerequisite: PHY 1930 is a prerequisite for PHY 1940. Corequisites: MTH 1730 or 1950. PHY 1931L and PHY 1932R are corequisites for PHY 1930. PHY 1941L and PHY 1942R are corequisites for PHY 1940. First Semester: Fundamentals of mechanics, heat, fluids, wave-motion and sound, utilizing calculus. Second Semester: Fundamentals of optics, electricity and magnetism, atomic and nuclear physics, utilizing calculus. Lecture, 3 hours. Laboratory, 2 hours. Recitation, 1 hour. Credit: 4 semester hours per semester. Laboratory fee, $25 per semester.

1950 Mathematics for Physical Science Corequisite: PHY 1952R. Analytic geometry, differential and integral calculus applied to physics and engineering. Lecture, 3 hours. Recitation, 1 hour. Credit: 3 semester hours.

1970 Introduction to Modern Physics
Corequisite: PHY 1620 or 1940, and 1972R. The structure and properties of atoms, molecules, and nuclei, X-rays, gamma-rays, natural and artificial radioactivity. Nuclear fission and fusion, nuclear energy production; special relativity and elementary particles. Lecture, 3 hours. Recitation, 1 hour. Credit: 3 semester hours.

2010 Advanced Physics Laboratory
Prerequisite: PHY 1970. Several experiments in modern physics to the students, such as Frank Hertz, Millikan Apparatus, Planck’s constant, Zeeman Effect, NMR, ESR, and Hall Effect. Credit: 2 semester hours.

2110 Engineering Mechanics
Prerequisite: PHY 1620 or 1940. Corequisite: PHY 2111R. Statics; including vector formulations, trusses, and distributed loads. Basic kinematics and dynamics of particles, systems of particles, and rigid bodies; work and energy; impulse and momentum; conservation laws. Emphasis on engineering applications. Lecture, 3 hours. Recitation, 1 hour. Credit: 3 semester hours.

2150 Thermodynamics
Prerequisite: PHY 1620 or 1940. The study of heat, work, and the various forms and transformations of energy. The First and Second Laws of Thermodynamics applied to engines, phase transformations, chemical reactions, and radiation. An introduction to statistical mechanics. Credit: 3 semester hours.

2460 Analytical Mechanics
Prerequisite: MTH 1730, and PHY 1620 or 1940. The fundamentals of classical mechanics. Topics include motion of a particle, conservation of energy, momentum and angular momentum, Lagrange and Hamilton equations, configuration and phase space, orbital mechanics. Credit: 3 semester hours.
3100 Biological Physics
Prerequisite: MTH 1730, and PHY 1620 or 1940. The physical laws most relevant to life. Energy and its transformation in organisms; Information and the programming of life processes; Entropy and the creation of order by living systems; Quantum mechanics and its role in chemistry and in the mutability and permanence of life. Credit: 3 semester hours.

3210; 3220 Electricity and Magnetism I; II
Prerequisite: PHY 1620 or 1940. PHY 3210 is a prerequisite for PHY 3220. Corequisite: MTH 2760. First semester: The study of electrostatics, conductors and dielectrics, using vector algebra and calculus; direct currents and circuit analysis. Second semester: Magnetism, electromagnetic induction, alternating currents; Maxwell's equations, electromagnetic waves. Credit: 3 semester hours per semester.

3221 Electricity and Magnetism Laboratory
Prerequisite: PHY 3210. Selected experiments demonstrating the principles and applications of electricity and magnetism. Laboratory, 4 hours. Credit: 2 semester hours. Laboratory fee, $25.

3240 Electronics
Prerequisite: PHY 1450, or 1620, or 1940. Corequisite: PHY 3241. Introduction to electronic devices including diodes, transistors, amplifiers, filters, oscillators, LEDs and other electronic systems. Principles of electronic circuit design and analysis. Lecture, 3 hours. Laboratory, 2 hours. Credit: 4 semester hours. Laboratory fee, $25.

3250 Optics
Prerequisite: MTH 1730 or PHY 1950, and PHY 1620 or 1940. The optics of lenses and mirrors, cameras, corrective lenses, telescopes, magnifiers, microscopes. Wave theory of light, with applications: interferometry, diffraction patterns, polarization, spectroscopy, dispersion, fiber optics, holography. Credit: 3 semester hours.

3251 Optics Laboratory
Corequisite: PHY 3250. Selected experiments in Optics. Laboratory, 4 hours. Credit: 2 semester hours. Laboratory fee, $25.

3270; 3280 Atomic and Nuclear Physics I; II
Prerequisite: PHY 3270 is a prerequisite for PHY 3280. Corequisite: PHY 3210 and 3220, or consent of instructor. Structure and properties of atoms, molecules, and nuclei; foundations of Quantum Theory and the Theory of Relativity; emission and absorption of radiation; foundations of Solid State Theory; radioactivity, fission, fusion, Elementary Particle Theory. Credit: 3 semester hours per semester.

3291 Atomic and Nuclear Physics Laboratory
Corequisite: PHY 3270. Selected experiments in atomic and nuclear physics. Laboratory, 4 hours. Credit: 2 semester hours. Laboratory fee, $25.

3310 Methods of Theoretical Physics
Prerequisite: MTH 1730, PHY 1940. Corequisite: MTH 1740. Selected mathematical methods used in theoretical physics. Complex variables; Fourier Series; Laplace Transformation; vectors, matrices and eigenvalue problems. Applications to ordinary and partial differential equations. Credit: 3 semester hours.

3330 Quantum Theory
Prerequisite: PHY 3270. Corequisite: MTH 2760. Description of atomic systems by state vectors; probability amplitudes, superposition and interference; matrices and operators. Topics include: the wave and matrix formulations of quantum physics, commutation relations, symmetries and conservation laws; angular momentum and spin, perturbation theory, and applications. Credit: 3 semester hours.

3370 Statistical Physics
Prerequisite: PHY 1940, PHY 1970. Science of determining the aggregate behavior of systems from their molecular components. Topics include statistical ensembles with applications to gases, radiation, magnetism, and solids. Credit: 3 semester hours.

3510 Electrical Systems
Prerequisite: MTH 1730, and PHY 1620 or 1940. This is the foundation course for analyses of electrical circuits. Topics include mesh analysis, node analysis, Thevenin's theorem, Norton's theorem, and superposition. Applications are made to direct current circuits. Transient dynamics and alternating current circuits are introduced and analyzed. Credit: 3 semester hours.

3520 Networks
Prerequisite: PHY 3510. This is the basis for most advanced courses in electrical engineering. It is divided into two parts: Part 1 deals with ac circuits, impedance, phasors, sinusoidal steady-state analysis, ac power, rms values, three phase systems, and frequency response. Part 2 is devoted to advanced techniques for network analysis. It provides an introduction to the Laplace transform, Fourier series, the Fourier transform, and two-part network analysis. Credit: 3 semester hours.

3820 Fluid Mechanics
Prerequisite: MTH 3840 and PHY 2460 or 2110. Fundamentals of fluid statics and dynamics, including: properties and energy relationships of fluids, and flow in closed conduits, and flow measurement. Credit: 3 semester hours.

3850 Introduction to Solid State Physics
Prerequisite: MTH 3840, PHY 1940. Properties of static (crystal structure) and dynamic (lattice vibrations) arrangements of atoms, and electronic properties of metals, insulators and semiconductors. Credit: 3 semester hours.

3890 Numerical Methods
Prerequisite: MTH 3840, PHY 1940. Numerical techniques to solve physics problems such as roots of linear and nonlinear equations; solution of ordinary differential equations; curve fitting and interpolation. Credit: 3 semester hours.

3900 Special Topics
Advanced or contemporary topics announced each semester. Topics may include: Lagrange and Hamiltonian Dynamics, Information Theory and Statistical Physics, Methods of Quantum Physics, Fundamental Particle Physics and Solid State Physics. These and other special topics require department approval. Credit: 3 semester hours.

4100 Undergraduate Research
Prerequisite: MTH 1740, PHY 1940. Students can conduct research under supervision of approved faculty by the department. It is open to all students majoring in physics. Credit: 2 to 4 semester hours.

4350 Seminar
Credit: 2 or 3 semester hours.

4953 Independent Study
Restricted registration. Guided reading and investigation of an area of science of special interest to a student and faculty member. Before registering for this course a student must obtain assurance of a faculty member's supervision. Credit: 2 to 4 semester hours.
Psychology (PSY)

Major Sequence
41 semester hours including: PSY 1000C, 2030, 2030L, 2040, 2040P, 2150, 2990, 3260, 3800.
In addition, majors must choose one course from each of the following groups below:
Group 1–Abnormal/Personality/Social Psychology: PSY 2200, 2210, 3320;
Group 2–Developmental Psychology: PSY 2070C, 2080C;
Group 3–Experimental Psychology: PSY 3270, 3280, 3290;
Group 4–Emerging Areas of Psychology: PSY 2220, 2240, 2250, 2260, 2270.
Also, majors must choose six semester hours of PSY elective courses from the department’s course offerings (including those not selected from the four groups mentioned above). Students are required to take all courses in the major in the Psychology Department of St. John’s College once they declare the major.

Students wishing to pursue graduate training in psychology should take PSY 3040 (Experimental Psychology Laboratory) as one of their electives. Psychology majors are required to take PSY 1000C as their first course. They are encouraged to take 2030 as soon as possible. PSY majors are urged to take BIO 1050 and 1060, as well as PHI 3800 and elective credits in related social sciences, ANT 1010C or 1020C or SOC 1000C, for example.

It is advantageous for the student wishing to pursue graduate work in psychology to have completed or be in the process of completing all the required courses by the fall semester of the senior year when the GRE is usually taken. In addition, it is advisable for students wishing to pursue graduate work in psychology to accelerate the major sequence and elect more than the minimum number of credits in the major, but not to exceed 12 credits above the minimum credits required.

Minor Sequence
18 semester hours including: PSY 1000C, at least six semester hours from: PSY 2030, 2040, 2150, 2200, 2220, 3260, 3270, 3290, 3800, six semester hours from: PSY 2070, 2080, 2100, 2210, 2220, 2230, 2240, 2250, 2260, 2270, 3280, 3320, and three semester hours from among the PSY courses offered by the department.

Psychology Course Offerings (PSY)

Introductory
1000C Introductory Psychology
An introduction to scientific psychology and its methods. The course presents a survey of the major areas within the discipline of psychology, including the psychology of personality, abnormal behavior, learning, sensation and perception, social processes, states of consciousness, individual differences, thinking, language, and human development. Credit: 3 semester hours.

2990 Sophomore Seminar
Prerequisite: PSY 1000C. Introduction to the psychology major, the subfields of psychology, the methods of discovery, library, and writing skills in the field and understanding career opportunities. This course should be taken in the sophomore year. Credit: 3 semester hours.

Research Methods
2030 Statistical Methods for the Social Sciences
Corequisite: PSY 2030L. Methods for describing and evaluating research data including measures of central tendency, dispersion, relationships and hypothesis testing by means of t-tests, Chi Square tests, analysis of variance and some non-parametric tests. A laboratory will accompany this course giving students experience using statistical software. This course should be taken in the sophomore year. Credit: 4 semester hours.

2040 Research Methods in Psychology
Prerequisite: PSY 1000C, 2030. Corequisite: PSY 2040P. An overview of the methods and procedures of psychological science. Students learn to read empirical literature, understand key theories about behavior and psychopathology, develop testable hypotheses, and evaluate appropriate methods for testing these hypotheses. The course teaches methods for assessing the role of observational, survey, correlational, experimental, and quasi-experimental approaches to research. There is a strong emphasis on the development of critical thinking and writing skills essential to understanding research and deploying scientific knowledge in a broad range of situations. Practicum work focuses on studies of human behavior and the writing of research reports using the style manual of the American Psychological Association. This course should be taken in the semester following the completion of PSY 2030. Credit: 4 semester hours.

3260 Introduction to Psychological Measurement
Prerequisite: PSY 1000C, 2030, 2040. An overview of basic principles of measurement theory with emphasis on psychological testing. Credit: 3 semester hours.

Developmental Psychology

2050 Educational Psychology
A study of intellectual functioning, individual differences, problems of learning and motivation. Credit: 3 semester hours.

2070C Child Psychology
A study of the physical, intellectual, emotional, and social aspects of development through childhood, with emphasis on major developmental constructs and theories. Credit: 3 semester hours.

2080C Adolescent Psychology
Physical, intellectual, emotional, and social aspects in the development of the individual in the transitional period between childhood and maturity. Credit: 3 semester hours.

Abnormal, Personality and Social Psychology

2010 Cross-Cultural Psychology
An introduction to understanding human behavior in its socio-cultural context. The course takes a global perspective and views New York City’s cultural diversity as an important resource. Credit: 3 semester hours.

2200 Abnormal Psychology
Prerequisite: PSY 1000C. An introduction to abnormal psychology dealing with the major causes of abnormal psychological behavior and their treatments. Credit: 3 semester hours.

2210 Theories of Personality
An introduction to significant theories of personality and a critical evaluation of these theories. Credit: 3 semester hours.

2230 Psychology of the African American Experience
This course explores the contexts that shape the psyche of African Americans. This course examines the effect of the history of psychology and its cultural underpinnings on the psychological study and evaluation of African Americans as a distinct cultural group. The psychological residuals of involuntary immigration, slavery, segregation and discrimination and social trauma will be explored. Credit: 3 semester hours.

3320 Social Psychology
Prerequisite: PSY 1000C. Examines the scientific study of how real, imagined or anticipated actions or evaluations by others influence our thoughts, feelings or behavior. Topics include: the psychology of research participation,
attitudes, attitude change, persuasion, conformity, compliance, stereotypes and prejudice, liking and attraction, intimate relationships, group processes, social perception and cognition, the social self, helping others, hurting others and conflict resolution. Credit: 3 semester hours.

Experimental Psychology

2150 Physiological Psychology
Prerequisite: PSY 1000C. An introduction to the anatomy and physiology of the nervous system, sensory and motor systems and endocrine system in relation to normal and abnormal behavior. Credit: 3 semester hours.

3270 Experimental Psychology of Learning
Prerequisite: PSY 1000C, 2030. An exposition of contemporary learning theory from the viewpoint of classical and operant conditioning, including interpretation of the role of drives and motives and concepts of generalization, discrimination, emotions, and higher forms of learning. Credit: 3 semester hours.

3280 Cognitive Psychology
Prerequisite: PSY 1000C, 2030. Examines the scientific study of the acquisition, processing, storage, retrieval, and use of information. Topics include perception, attention, forms of memory, memory effectiveness, imagery, spatial knowledge, language, concepts, reasoning, problem solving, judging, and deciding, expertise, creativity, aging and cognition and unconscious cognitive functioning. Credit: 3 semester hours.

3290 Sensation and Perception
Prerequisite: PSY 1000C, 2030. PSY 2150 may be taken prior or in conjunction with PSY 3290. Introduction to the concepts, methods, and findings of classical and modern psychophysics as they relate to providing an understanding of the sensory systems and the processing of sensory information. Credit: 3 semester hours.

Emerging Areas of Psychology

2220 Child and Adolescent Psychopathology
Developmental, clinical-diagnostic, and experimental approaches to child and adolescent psychopathology will be addressed. The developmental course of each disorder and the role of biological, psychological, and sociocultural factors and how they interact with a child’s environment will be addressed. Specifically, the course will examine disorders related to anxiety, stress & trauma, mood, schizophrenia, eating and substance abuse, memory & organic dysfunctions, ADHD, and personality in childhood and adolescence. Credit: 3 semester hours.

2240 Psychology of Women
Reviews the relevant psychological theories and empirical research on women and gender throughout the lifespan. The major goals of the course are to understand the biological, cognitive, and psychosocial influences that affect the realities of women’s lives in modern society. Credit: 3 semester hours.

2250 Forensic Psychology
Prerequisite: PSY 1000C. The relationship between psychology, psychopathology, and mental health issues that interact with our legal system. Credit: 3 semester hours.

2260 Positive Psychology
Positive psychology studies how human beings prosper in the face of adversity. It attempts to identify and enhance the human strengths and virtues that make life worth living and allow individuals and communities to thrive. Credit: 3 semester hours.

2270 Health Psychology
Health Psychology focuses on the behavioral, personality, social, cultural, and life style variables that influence the prevention and treatment of physical health, disease onset, stress/coping and intervention strategies, disparities in seeking and having access to health care, and compliance with medical treatments. Credit: 3 semester hours.

Specialized and Advanced Courses

2100 Altered States of Consciousness and Parapsychological Events
A selective examination of research and theory concerning altered states (such as meditative and drug-induced states, dreaming, hypnosis, various kinds of “trances” and “peak experiences”), extrasensory perception, psychokinesis and possible interrelationships of these areas. Credit: 3 semester hours.

2180 International Psychology
A basic understanding of the history, current status, and future directions of scientific and professional psychology applied to contemporary global issues. Credit: 3 semester hours.

2190 Psychology of Humor
What makes you laugh? Reviews the psychological research behind mirth, humor, and laughter. Credit: 3 semester hours.

2280 Introduction to Sport Psychology
Psychological factors that affect sports participation and the application to practical sports situations. Credit: 3 semester hours.

2380 Psychology of Anger, Aggression, Hatred, and Violence
Psychological factors that affect anger, aggression, hate, and violence and the implications for assessment, prevention, and interventions in society and the individual will be explored. Credit: 3 semester hours.

3220 Introduction to Clinical Psychology
Prerequisite: PSY 1000C, 2220. An introduction to clinical psychology including history, development of models and their application, assessment and treatment. Credit: 3 semester hours.

3330 Industrial and Personnel Psychology
Prerequisite: PSY 1000C. Psychological aspects of individual differences, efficiency, working conditions, accident prevention, human engineering, industrial mental health, and counseling. Credit: 3 semester hours.

3410 Autism and Intellectual Disability
Study of concepts, procedures, and research related to autism, intellectual disabilities, and other developmental disabilities from bio-medical, psychological, and educational perspectives. Credit: 3 semester hours.

3800 History and Systems of Psychology
Prerequisite: PSY 1000C and at least nine additional semester hours in PSY. The evolution of psychology from its philosophical and physiological roots to its current status as science and profession. Review of major schools and theories, contributions of noted investigators and significant advances. Credit: 3 semester hours.

Independent Study, Research, and Internships

Students can take only one of the internship courses. Students can only take up to six semester hours of PSY 3040, 3041, 4951, 4952, 4953, and 4954.

3040 Experimental Psychology Laboratory
Prerequisite: PSY 2030. Corequisite: PSY 2040 and approval and acceptance from the instructor. Qualified students undertake directed research in a chosen field in psychology with a research team. Students learn to conceptualize problems, design, conduct, and write up a study. Credit: 3 semester hours.

4903 Internship in Clinical, Counseling, or School Psychology
Prerequisite: At least twelve semester hours in PSY. Placement in a social service agency for six to eight hours per week of volunteer work. Individual and group meetings with the instructor. Social service agency includes, but is not limited to, psychiatric hospitals, institutions for the exceptional children and adult, homes for the elderly, halfway houses, and crisis intervention centers. Credit: 3 semester hours.
4904 Internship in Industrial/ Organizational Psychology
Prerequisite: At least twelve semester hours in PSY. Placement in an agency or corporation for eight to ten hours per week of work in psychology related businesses, plus meetings with the instructor. Credit: 3 semester hours.

4951 Independent-Guided Study in Psychology I
Prerequisite: PSY major with 3.0 overall G.P.A., PSY 1000C, 2990, and nine additional semester hours in PSY. Prior to registration, the student must prepare a written contact with a department faculty member of the student’s choice. This contract shall specify the topic to be studied, the goals of the course, the reading list, the activities to be done, and the final product of the course expected by the faculty member. The department chair must also provide written approval of the agreement before the student can register. Qualified psychology majors undertake directed study on topics of their choice. Student cannot take this course and PSY 3040, 3041, 4952, 4953, or 4954 in the same semester.

4952 Independent-Guided Study in Psychology II
Prerequisite: PSY major with 3.0 overall G.P.A., PSY 1000C, 2990, 4951, and nine additional semester hours in PSY. Prior to registration, the student must prepare a written contact with a department faculty member of the student’s choice. This contract shall specify the topic to be studied, the goals of the course, the reading list, the activities to be done, and the final product of the course expected by the faculty member. The department chair must also provide written approval of the agreement before the student can register. Qualified psychology majors undertake directed study on topics of their choice. Student cannot take this course and PSY 3040, 3041, 4952, 4953, or 4954 in the same semester.

4954 Independent Research in Psychology II
Prerequisite: PSY major with 3.0 overall G.P.A., PSY 1000C, 2030, 2040, 4953, and nine additional semester hours in PSY. Prior to registration, the student must prepare a written agreement with a department faculty member of the student’s choice. This agreement shall specify the research topic to be explored, procedures to be followed, and the final product of the course expected by the faculty member. The department chair must also provide written approval of the agreement before the student can register. Qualified psychology majors undertake directed research in a chosen field of psychology. Student cannot take this course and PSY 3040, 3041, 4951, 4952, or 4953 in the same semester.

Musical Theatre
18 semester hours including: MUS 1260, RCT 1510 or 1530, and 1540, three semester hours in Voice (MUS 1620*, MUS 2620), and six semester hours chosen from: MUS 1070, 1230, 1240, RCT 1520, 1580, 1590, 2540. * MUS 1620 may be repeated twice.

Communication
15 semester hours including: SPE 1000C or HON 1020C, RCT 1015, 2020, and six semester hours chosen from: RCT 1050, 1155, 1510, 1540, 2000, 2015, 2025, 2110, 4953. Available on Staten Island Campus only.

Rhetoric and Communication Course Offerings (RCT)

1000C Public Speaking for the College Student
Basic principles of purposive speaking. Students apply these principles to several oral presentations with primary emphasis on extemporaneous public speaking. Credit: 3 semester hours.

1000 Debate Practicum
This course provides hands-on, mind-on, and voice-on practice in the art of debating. Credit: 3 semester hours.

1005C Interpersonal Communication for the Pharmacist
The process of interpersonal communication and the skills necessary to communicate effectively with others within professional pharmacy settings. Restricted to allied health students. Credit: 3 semester hours.

1010 College Debate in a Global Context
Prerequisite: SPE 1000C or HON 1020C. Examines the role of formal debate as a worldwide competitive activity focusing on debate practice and the rules, procedures, and styles of several debate formats. Credit: 3 semester hours.

1015 Introduction to Interpersonal Communication
The process of interpersonal communication and the skills necessary to communicate effectively with others in all facets of everyday life, i.e., within family, social, educational and business situations. Credit: 3 semester hours.

1050 Fundamentals of Speech Production
Improvement of voice and diction through study of breathing technique, resonance, pitch, vocal range, diction, IPA and oral interpretation of literature. Credit: 3 semester hours.
1155 Language and Intercultural Communication  
Communication as it affects and is affected by culture. Barriers to effectiveness. Competent intercultural communication in ethnic, intergenerational, gender, deaf subcultures and international settings. Credit: 3 semester hours.

2000 Advanced Public Speaking  
Advanced theoretical and practical principles of purposive speaking. Students apply these principles to various speaking occasions, audiences, and methods. Credit: 3 semester hours.

2015 Nonverbal Communication  
How nonverbal messages function to communicate culture, race, gender, and personality. Links nonverbal messages to impression formation and management, as well as relational and expressive communication. Credit: 3 semester hours.

2020 Persuasion  
Prerequisite: SPE 1000C or HON 1020C. Theory and practice of persuasive communication, including the preparation and delivery of persuasive speeches. Credit: 3 semester hours.

2025 Organizational Communication  
Research and theories of communication in corporate, service and non-profit organizations. Skills in interviewing, message design, leadership and committee work. Credit: 3 semester hours.

2030 Rhetoric of Popular Culture  
In this course we will study the intersections between popular culture and rhetoric. Credit: 3 semester hours.

2040 American Public Address  
Analysis and evaluation of representative speakers and speeches in the history of American public address. Credit: 3 semester hours.

2050 Decision-Making Discussion  
Theory of and practice in using discussion as a method of decision making. Discussion organization and leadership. Credit: 3 semester hours.

2060 Argumentation: Inquiry and Advocacy  
Prerequisite: SPE 1000C or HON 1020C. The theory and practice of argument including the use of analysis, evidence, reasoning and organization in developing and defending an argumentative position. Credit: 3 semester hours.

2090 Great Speeches of New York  
History and criticism of significant rhetorical artifacts generated in New York City. Discussion of the significance of the City as a site of public discourse. Credit: 3 semester hours.

2110 Oral Interpretation  
The art of reading to an audience, conveying ideational, emotional and dramatic content; the techniques of analysis are exercised equally with those of expression. Credit: 3 semester hours.

3120 The Free Speech Tradition in the United States  
A rhetorical and argumentative investigation into the meaning of the Free Speech Tradition within the United States. Credit: 3 semester hours.

3130 Foundations of Rhetorical Theory  
Prerequisite: SPE 1000C or HON 1020C. An examination of the principal developments in rhetoric from the Sophists to Augustine. Credit: 3 semester hours.

3140 Rhetorical Communication Strategies  
Theory and practice of rhetorical criticism of historical and contemporary communication texts, including speeches, letters, essays, editorials, and persuasive campaigns. Credit: 3 semester hours.

3150 Rhetoric of Social Movements  
Survey of rhetorical documents associated with American movements, groups, and persons dedicated to social change. Credit: 3 semester hours.

3160 Modern Rhetorical Theory  
Examination of the development of rhetorical theory in modern history, including modern and postmodern thinkers and communicative issues in modern and postmodern society. Credit: 3 semester hours.

3170 Prosecution and Defense: The Rhetoric of Cicero and the Law of Rome (Mini-Course)  
Critical study of the forensic oratory of Cicero, based on Roman legal and rhetorical practices. No knowledge of classical languages is required. Credit: 3 semester hours.

3180 Legal Argumentation  
Prerequisite: SPE 1000C or HON 1020C. This course is designed to study argumentation that occurs within the law. Students receive training in both the theory and practice of persuasive legal argumentation. Credit: 3 semester hours.

3190 Rhetoric of Religion  
The role of religious discourse in relation to the rhetorical tradition and contemporary society. The study of the intersection of religious rhetoric and socio-political issues. Credit: 3 semester hours.

4000 Special Topics Seminar  
Restricted registration. Research and discussion on select topics and problems. Credit: 3 semester hours.

4903 Internship in Speech Communication  
Restricted registration. Fieldwork (eight hours per week) with practical application in communication or theatre under faculty and professional supervision. Credit: 3 semester hours.

4906 Internship in Speech Communication  
Restricted registration. Fieldwork (sixteen hours per week) with practical application in communication or theatre under faculty and professional supervision. Credit: 6 semester hours.

4953 Independent Study  
Restricted registration. Independent research in an area of the student’s own selection under the general advisement of a faculty member. Credit: 3 semester hours.

4990 Senior Seminar  
Survey of contemporary communication research methods from a variety of theoretical perspectives. Recommended for juniors and seniors. Credit: 3 semester hours.

Theatre Course Offerings (RCT)

1500 Theatre In Education  
Introduction to theatre techniques for educators. Emphasis on staging the play, puppetry, improvisation, storytelling and creative dramatics. Credit: 3 semester hours.

1510 Introduction to Theatre  
A survey of theatre from ancient Greece through the 19th century; stage practices; the art of the actor and the theatre as an educational device and cultural experience. Credit: 3 semester hours.

1520 Creating Theatre  
An overview of theatre and its craft which examines the actor, the playwright, the designers, the technicians, the director and their collaboration. Emphasis on creating and developing original work. Credit: 3 semester hours.

1530 Modern Theatre  
Principles and practices in theatre since the beginning of the 20th century; current offerings on the New York stage and problems they involve; new movement and theories and their sources in theatre of the past. Credit: 3 semester hours.

1540 Introduction to Acting I  
Basic techniques in analyzing and creating a role. Improvisations, scene practice, script analysis. Credit: 3 semester hours.

1550 On-Camera Acting: Commercials, Movies and Sitcoms  
An introduction to acting and to the special techniques of on-camera performance. Emphasis on career building, and on the styles of commercials, movies and sitcoms. Credit: 3 semester hours.
1560 Playwriting: Writing for Stage Performance
Prerequisite: SPE 1000C or HON 1020C. Craft skills of writing for stage performance. Analysis of the basic play architecture, problems of character development, dialogue, and plot. Students read and analyze plays in class. Credit: 3 semester hours.

1570 Stagecraft I
Prerequisite: Consent of instructor. Introduction to theatre architecture and staging. Theory and practice of scene design, set construction, and lighting design. Credit: 3 semester hours.

1575 Theatre Laboratory: Stagecraft
Prerequisite: Consent of instructor. Supervised laboratory experience in technical theatre production. Students further their skills and knowledge of technical theatre throughout practical application in departmentally approved productions. 1 semester hour requires 45 hours of laboratory work. Repeatable to maximum of 3 credits. Credit: 1 to 3 semester hours per semester.

1580 Theatre Laboratory: Acting
Prerequisite: Consent of instructor. Supervised laboratory experience in acting. Students further their skills, and knowledge of acting in a departmentally approved production or project. 1 semester hour requires 45 hours of laboratory work. Repeatable to maximum of 3 credits. Credit: 1 to 3 semester hours per semester.

1585 Theatre Laboratory: Directing
Prerequisite: Consent of instructor. Supervised laboratory experience in directing. Students further their skills and knowledge of directing in a departmentally approved project. 1 semester hour requires 45 hours of laboratory work. Repeatable to maximum of 3 credits. Credit: 1 to 3 semester hours per semester.

1590 Theatre Workshop (Mini-Course)
Experience in the production and performance of a play. Each student performs a role and supervises a production responsibility. Performance is presented during last class session. Credit: 3 semester hours. Laboratory fee, $10.

2540 Introduction to Acting II
Presentation of scenes. Rehearsal, study and performance techniques. Problems of auditioning. Credit: 3 semester hours.

2570 Stagecraft II
Technical production practices, sets and prop construction, special effects, advanced lighting, and complex set design. Introduction to stage makeup and costume. Credit: 3 semester hours.

Social Studies
(Staten Island campus)
Students interested in pursuing this program should consult the History section of this bulletin and/or contact the Staten Island Dean’s Office for details.

Sociology (SOC)/Anthropology (ANT)
Major Sequences

Sociology
33 semester hours including: SOC 1000C, 1170, 2610, 3240, 4270, 4990, and fifteen semester hours in SOC.

Anthropology
30 semester hours including: ANT 1000, 1010, 1020, 4990, and 12 semester hours in ANT.

B.A./M.A.
Qualified students admitted to the 5-year B.A./M.A. program in Sociology or the B.A./M.A. program in Sociology and Criminology and Justice are required to complete SOC 1000C, 1170, 2610, 3240, 4270, 4990, and at least three semester hours in SOC. The remaining eighteen semester hours in SOC must include a minimum of 12 semester hours of graduate courses by the end of the senior year. Eligibility requires a 3.0 overall index with a 3.5 in the major. For specific master’s degree program requirements, consult the St. John’s University Graduate Bulletin.

Special Note for Double Majors
A student may major in both SOC and ANT. SOC 2610, 4270 may be used to satisfy both major sequences. A double major must complete a total of 60 semester hours in SOC and ANT. A minimum of 12 elective credits in each discipline is required.

Special Note for Sociology Majors
Students majoring in Sociology on the Staten Island campus may have to take upper level required courses in the major on the Queens campus.

Minor Sequences

Sociology
18 semester hours including: SOC 1000C, and fifteen semester hours in SOC. All social science majors may satisfy the requirements for this minor with 15 semester hours including: SOC 1000C, and twelve semester hours in SOC.

Anthropology
18 semester hours including: ANT 1010, 1020, and twelve semester hours in ANT.

Social Work
18 semester hours including: SOC 1030, 1090, 4530, and nine semester hours in SOC. Under advisement, HSC courses may apply to the minor. However, all HSC students must take SOC 1030. All social and behavioral science majors may satisfy the requirements for this minor with 15 semester hours in addition to their major requirements.

Sociology Course Offerings

(SOC)

1000C Introduction to Sociology
The study of human interaction. The influence of groups, organizations and culture on ways of thinking, acting, feeling and on values and lifestyles. Theories and models for analyzing social issues and predicting social trends. Credit: 3 semester hours.

1030 The Social Welfare System
Functions and consequences of the American social welfare system (e.g., housing, public assistance, health care, criminal justice), formulation, and evaluation of social policies. Credit: 3 semester hours.

1040C Social Change
Examination of the social and cultural movements that are transforming society. Current debates on feminism, postmodernity, postindustrialism, identity politics and technoscience are central to this course. Credit: 3 semester hours.

1055 Sociology of War
Analysis of the economic, political and social causes and consequences of war and its effects on combatants. Credit: 3 semester hours.

1070 Social Problems
Current social issues and policies; race relations, crime, deviance, aging, economic and political trends and their influence on social structures. Alternative strategies to confront current problems are considered. Credit: 3 semester hours.

1080 Neighborhoods
This course focuses on neighborhood processes of cohesion, conflict and change. Race, ethnic, religious and gender relations are also discussed. Power at local and city-wide levels and strategies of community organizations are explored. Credit: 3 semester hours.
1090 Introduction to Social Work
A survey of social work methods and clinical techniques for problem-solving; rational interviewing and casework, group dynamics, and community intervention. Credit: 3 semester hours.

1100 Sociology of Prisons
Prisons are presented within the larger social context of punishment. A comparative approach is emphasized to understand the various patterns of correctional strategies and their implications to policy and management. Credit: 3 semester hours.

1110 Criminology
Crime, the criminal, the criminal law and cost of crime. Criminal behavior systems. Explanations for criminal behavior; the police, the courts, probation, sentencing, punishment and parole. Credit: 3 semester hours.

1120 Social Psychology
Social experience and its effects on thought, feeling and behavior. Credit: 3 semester hours.

1130 White Collar Crime
Basic analytical concepts in the study of white-collar crime, the major forms of white-collar crime and legal responses to this form of crime. Credit: 3 semester hours.

1140 Sociology of Work
The organization of work in industrial society, including the shape of the work force; human/technology interaction; satisfactions and dissatisfaction that result from the social structuring of experience of work. Credit: 3 semester hours.

1150 Sociology of the Family
This course examines the institution of marriage and the family. Credit: 3 semester hours.

1160 Deviant Behavior
Study of the causes of deviance, its diverse forms and patterns, reactions to deviant behavior by social controllers and others as well as consequences of deviance for victims and society. Credit: 3 semester hours.

1170 Inequality; Race, Class and Gender
Analysis of the social factors determining class, power and prestige in American society; poverty and the effectiveness of welfare policies; interclass conflicts; the impact of changes in the labor market and in sex roles. Credit: 3 semester hours.

1190 Sociology of Poverty in America
An examination of the everyday life of poor people in the U.S. Critical analysis of the development of social policy, social movements and the conditions that would have to be changed if poverty is to be ended. Credit: 3 semester hours.

1200 Correctional Supervision and the Community
Critical trends and issues in the development, philosophy, and praxis of community-based correctional programs as alternatives to incarceration and as a function of community reentry. Credit: 3 semester hours.

1230 Italian American Identity in the Cinema
Examination of Italian American identity in American cinema. Credit: 3 semester hours.

1570 Gender, Violence and the Movies (Mini-Course)
Exploration of the relationship between violence and gender in the cinema. The effect images of violence have on gendered spectators and consciousness formation are examined. Credit: 3 semester hours.

2000 Global Crime
This course introduces students to a theoretical understanding of transnational organized crime (global crime), describes the major forms it takes, and addresses relevant policy issues. Credit: 3 semester hours.

2010 The Inside-Out Prison Exchange: Issues of Crime and Justice Behind the Walls
Experientially-based seminar at Rikers Island jail examining function and social consequences of justice policies, particularly mass incarceration; intersection of race, ethnicity, class, and gender. Credit: 3 semester hours.

2020 Gender and Development
A sociological study of development with a specific focus on gender, gender-based violence, gendered migration, politics and social movements for gender justice domestically and internationally. Credit: 3 semester hours.

2030 Economic Sociology
Sociological analysis of how markets, networks and hierarchies coordinate economic behavior; the economy's relationship to the state, inequality, technology, culture and globalization. Credit: 3 semester hours.

2100 Global Poverty
Failures of global policies to substantially change the conditions of the world's poor and conditions that would have to be changed if poverty is to be ended. Credit: 3 semester hours.

2110 Women and Crime
The relationship between women and crime: women as offenders, including the nature and seriousness of offenses and women as victims of crime. Credit: 3 semester hours.

2120 Juvenile Delinquency
Delinquency theories and their effect on prevention, intervention and control strategies. Development of the American juvenile justice system and the influence of race, gender, family, peers and schools. Credit: 3 semester hours.

2200 Substance Abuse and Addiction in Society
This course focuses on causes and rates of alcoholism, drug abuse and addiction, compulsive gambling, obesity and other habitual behaviors. Impact of addiction on the family, education, occupations and crime. Credit: 3 semester hours.

2220 Domestic Violence
An examination of the social causes of domestic violence, the impact on victims and approaches to their recovery and institutional responses to the problem. Credit: 3 semester hours.

2230 The Sociology of Latino/as in the U.S.
Impact of migration, immigration policies, politics and social movements on Latino/as, their families, gender, cultural identity, race/ethnic relations and experience in social institutions. Credit: 3 semester hours.

2320 Sociology of U.S. News Media
This course examines the social processes involved in the production of news, including attention to the political economy of media, textual analysis, and audience studies. Credit: 3 semester hours.

2330 Human Trafficking
This course studies the historical, economic, political, institutional, legal and social characteristics of human trafficking. Credit: 3 semester hours.

2340 Social Construction of Race in the United States
This course examines the historical and contemporary social processes that have been significant in the development of racial formations in the United States. Credit: 3 semester hours.

2360 Law and Society
An examination of the social forces surrounding the law. Effects of social systems, social movements and culture on the law. Different models of the legal system are analyzed. Credit: 3 semester hours.

2380 Sociology of Sport
The role and function of sport, games and play as socializing agents, leisure pursuits and business enterprises; historical, economic and organizational influences on sport and leisure development. Credit: 3 semester hours.

2410 Race and Ethnicity in America
American ethnicity in comparative cultural context. Majorities and minorities in terms of stereotyping, prejudice, unequal distribution of goods and services, discrimination and conflict. Major contributions of ethnic groups to American life. Credit: 3 semester hours.

2420 Immigration and Inequality in the U.S.
Sociological analysis of immigration focusing on the relationship between birthright, naturalization, immigration laws, citizenship and patterns of racial, ethnic, class and gender inequality. Credit: 3 semester hours.
2430 Sociology of Gender
This course focuses on issues related to gender roles in modern society. Inequality between
women and men in society, male-female interactions, women’s and men’s movements and social change are discussed.
Credit: 3 semester hours.

2440 Gender Identity in Popular Culture
Exploration of the social construction of gender in popular culture and the interaction between the individual and these images in the formation of the self. Special attention is given to the construction of gender identity in films, television and music.
Credit: 3 semester hours.

2450 Sociology of the Black Experience
This course examines the content and nature of African-American experience and how it has changed over time. Economic, cultural, religious, political and sociological aspects of the black and African-American experience will be examined. The struggle for equal rights, social justice and empowerment will be central.
Credit: 3 semester hours.

2460 Social Justice and the City
This course will examine various forms of deprivation, inequality and intolerance in urban areas and will address these issues through sociological discourse, social action and urban policy.
Credit: 3 semester hours.

2470 Gender in a Global Context
The sociology of gender from a global perspective; focusing on gender issues throughout the world; bringing regional and cultural differences into the analysis.
Credit: 3 semester hours.

2610 Statistical Methods for the Social Sciences
Introduction to statistical concepts and procedures for social science students. Students are taught basic computer literacy and have access to the Internet. Descriptive and inferential statistics are the focus of this course.
Credit: 3 semester hours.

2630 Urban Sociology
The city and its environs; the complexity of its population residential movements and industrial migration; contrasting values of the city and suburbs, including the transition from modern to the postmodern city.
Credit: 3 semester hours.

2670 Sociology of Religion
The study of the social aspects of religion, with particular focus on contemporary America. This includes major societal functions, social organization, interrelationships with other institutions and secular activities; and the nature of religious consciousness.
Credit: 3 semester hours.

3240 Sociological Theory
Prerequisite: SOC 1000C. Classical sociological theories that influence the analysis of contemporary society. Emphasis on the works of Durkheim, Marx, Weber, Simmel, Mead and other social thinkers.
Credit: 3 semester hours.

3660 Political Sociology
Analysis of the social bases and contexts of political power; political conflict, participation, and nation building; political thought and movements; various forms of political rule. The course deals with power in a broad context from the meta state to everyday life.
Credit: 3 semester hours.

4270 Measurement, Evaluation, and Research Methods
Prerequisite: SOC 2610. Survey of data gathering procedures including the interview, questionnaires, sampling, scales, aptitude and personality measures, formal and informal observation, content analysis, case study and data analysis.
Credit: 3 semester hours.

4280 Internship in Social Research
Prerequisite: SOC 4270. Selected research problems are carried out as field projects incorporating the various methods covered in SOC 4270. Open to sociology majors only.
Credit: 3 semester hours.

4530 Social Work Internship
Prerequisite: SOC 1090 with a grade of B or better, and consultation with instructor prior to registration. Supervised learning experiences in social service agencies dealing with individuals, families and/or groups.
Students are required to put in 100 hours for 3 credits.
Credit: 3 or 6 semester hours.

4953; 4954 Individual Guided Research
Guided theoretical or empirical research on an individual basis. The Chair must give written approval. Open only to sociology majors and minors.
Credit: 3 semester hours.

4990 Sociology Seminar
Prerequisite: SOC 3240 and 4270. Major concepts of sociology discussed. Student interaction represents major contribution to class sessions. Service learning component. Required for all senior sociology majors. All others by permission of Chair.
Credit: 3 semester hours.

Anthropology Course Offerings (ANT)

1000 Language and Culture
Communication as it affects and is affected by culture. Barriers to effectiveness. Competent intercultural communication in ethnic, gender, intergenerational, international settings and deaf subcultures.
Credit: 3 semester hours.

1010 Introduction to Anthropology: Cultural Anthropology as a comparative cultural approach. Learning about American and world cultures through examination of the whole life experience in cross-cultural perspective.
Credit: 3 semester hours.

1020 Introduction to Anthropology: Physical
Credit: 3 semester hours.

1030 Introduction to Archaeology
Basic goals, concepts and methods of archaeological excavation and analysis. Study of local sites such as American Indian, colonial cemeteries and black-American communities. Includes local field trips.
Credit: 3 semester hours.

1040C Culture and Global Change
An exploration of the diverse social and cultural movements that have and are currently transforming the world.
Credit: 3 semester hours.

1100 Food and Culture
An exploration of how culture shapes what, when, and where we eat; the evolution and global diversity of food habits; issues of world hunger.
Credit: 3 semester hours.

1110 Kinship, Family and Gender
A detailed overview of the anthropological approach to the study of kinship, family and gender cross-culturally through classical and contemporary texts.
Credit: 3 semester hours.

1120 Human Ecology
A study of the interrelationships between humanity—social and cultural—and the Earth. The nature and impacts of population growth, industry and technological progress are emphasized. Field trips may be included.
Credit: 3 semester hours.

1140 Ancient Civilizations
The archaeology of ancient civilizations with a focus on Mesopotamia, Egypt, the Indus Valley, China, Mesoamerica, and Peru. Examines their government, religion, food production, environment, sedentism, urbanism, architecture, art, gender, trade, and warfare in the past.
Credit: 3 semester hours.

1155 Language and Intercultural Communication
Communications as it affects and is affected by culture. Barriers to effectiveness. Competent intercultural communication in ethnic, intergenerational, gender, deaf subcultures and international settings.
Credit: 3 semester hours.

2010 Introduction to Linguistics
An introduction to the fundamental principles of phonetics, phonology, morphology, syntax and semantics, with examples drawn from classical and modern languages.
Credit: 3 semester hours.
2020 Survey of Linguistics
An introduction to the various fields of interest that comprise the modern study of linguistics. Credit: 3 semester hours.

2100 Medical Anthropology

2300 The Anthropology of Music
Comparison of anthropological approaches to the study of music. Emphasis on theories of musical style in relation to local and global social and cultural processes. Credit: 3 semester hours.

2400 Anthropology of Development
Survey of anthropological approaches to development. Focus on competing cultural ideas about living standards and economic progress in relation to globalized development strategies. Credit: 3 semester hours.

2440 Caribbean Cultures and Identities
Anthropological introduction to the history and culture of the Caribbean. Emphasis on colonial history and legacy and the cultural diversity of the region. Credit: 3 semester hours.

2450 African Cultures
Anthropological overview of the cultures and traditions of Africa. Emphasis on the colonial legacy and cultural diversity of the African continent. Credit: 3 semester hours.

2740 Anthropology of Religion
Religions and rituals of societies with primitive and transitional technologies. Study of the forms, functions, and meanings of belief systems and ritual practices. Credit: 3 semester hours.

2750 The North American Indian
The history and nature of American-Indian cultures: pre-history and archaeology; contemporary problems of the American Indian as a subculture in modern USA; world industrial expansion and the plight of the American Indian. Credit: 3 semester hours.

4870 The Bible and Archaeology
An introduction to the modern science of “Biblical Archaeology” and questions on the historicity of ancient Israel. Credit: 3 semester hours.

4953; 4954 Individual Guided Research
Guided theoretical or empirical research on an individual basis. Chair must give written approval. Open only to anthropology majors and minors. Credit: 3 semester hours.

4990 Anthropology Seminar
Prerequisite: ANT 1010, 1020. An integrated analysis of the field of anthropology and a survey of contemporary developments in research and theory. Open only to students who have completed 15 credits in anthropology or are senior anthropology majors. Credit: 3 semester hours.

Theology and Religious Studies (THE)

Major Sequence
36 semester hours including: THE 1000C, 2110, 2120, 2205; 2210 or 2215; 2300 or 2320; 2501, 2502, 2810, 4990, and six semester hours in the 3000 series.

B.A./M.A.
B.A./M.A. students take a total of 42 credits including 30 semester hours from THE 1000C, 2110, 2120, 2205; 2210 or 2215; 2300 or 2310; 2501, 2502, 2810, and 4990 on the undergraduate level. Students must also complete two graduate courses in junior year and two graduate courses in senior year, for a total of twelve semester hours in graduate courses. Eligibility requires a 3.0 overall index and a 3.5 in theology. For additional program details, consult the St. John’s University Graduate Bulletin.

Minor Sequences
Theology and Religious Studies
18 semester hours including: nine semester hours in the core and nine semester hours from THE offered by the department.

Interfaith Studies
18 semester hours including: nine semester hours in the core and nine semester hours chosen from: THE 2700, 2705, 2710, 2720, 2730, 2740.

Special Note
Mini-courses are not applicable toward the major, B.A./M.A., and/or minor sequences.

Core Curriculum Note
All students are required to take THE 1000C and two other courses, one from the 2000 series and one from the 3000 series. Mini-courses may not be used to satisfy Core requirements.

Theology and Religious Studies Course Offerings (THE)

1000C Perspectives on Christianity: A Catholic Approach
An introduction to Christianity highlighting belief statements, practices, scripture, rites, theological writings, artistic expressions, and other discourses manifesting and expressing the Christian faith in its various traditions through its development. All students regardless of religious affiliation must take 1000C. Credit: 3 semester hours.

2000 The Catholic Imagination
Prerequisite: THE 1000C. Examines the role of Catholic imagination vis-à-vis culture with particular attention to ways it has been manifested in cultural productions such as art, literature, music, and film. Credit: 3 semester hours.

2110 Reading the Old Testament
Prerequisite: THE 1000C. A survey of the Old Testament/Hebrew Bible, with attention to the history and religion of Israel in the context of the ancient Near East. Credit: 3 semester hours.

2120 Reading the New Testament
Prerequisite: THE 1000C. A survey of the New Testament, with attention to its historical and literary context, and its theological significance. Credit: 3 semester hours.

2200 The Mystery of Triune God
Prerequisite: THE 1000C. The Christian theology of the triune God, with its implications for issues such as faith and reason, theological language, Christian praxis, and dialogue with other religious traditions. Credit: 3 semester hours.

2205 Jesus in Christian Faith
Prerequisite: THE 1000C. A study of statements of faith interpreting Jesus’ work and nature in the gospels, ancient creeds, later theology, and praxis of faith. Credit: 3 semester hours.

2210 Perspectives on the Church
Prerequisite: THE 1000C. The theology of the Christian community: its Scriptural warrants and history, issues such as: the role of the Church in salvation, the relation between the local and universal Church, Vatican II, ecumenism, authority. Credit: 3 semester hours.

2215 Christian Worship and Sacraments
Prerequisite: THE 1000C. This course explores worship, and sacraments especially in the American context. It examines “culture” and its influence on the understanding and experience of the “holy” and “mystery” in Christian rite, time, and place in light of recent developments in sacramental theology and practice. Credit: 3 semester hours.

2300 Introduction to Christian Ethics
Prerequisite: THE 1000C. An overview of Christian ethics, including introductory moral foundations and selected ethical issues in individual and social morality on the basis of Christian revelation. Credit: 3 semester hours.

2320 Introduction to Catholic Social Teaching
Prerequisite: THE 1000C. An exploration of Christian social teaching, particularly to Roman Catholic social teaching, and its relationship to economic, political, and cultural structures. The concept of the common good and the virtue of distributive justice will be emphasized. Credit: 3 semester hours.
2400 Christian Spirituality and Mysticism  
**Prerequisite: THE 1000C.** A study of the spiritual dimensions of humanity based on the religious nature of human beings, the Christian tradition, and modern interdisciplinary insights regarding human nature. Credit: 3 semester hours.

2501 History of Christian Theology I: Origins Through the Middle Ages  
**Prerequisite: THE 1000C.** Theology and history of the Catholic Church and its relation to other religious and cultural traditions up until 1500 AD. Credit: 3 semester hours.

2502 History of Christian Theology II: Reformations to the Present  
**Prerequisite: THE 1000C.** Theology and history of the Catholic Church and its relation to other religious and cultural traditions from 1500 AD to the present. Credit: 3 semester hours.

2700 Introduction to Eastern Orthodoxy  
**Prerequisite: THE 1000C.** A survey of the religious and cultural traditions from 1500 AD to the present day. Credit: 3 semester hours.

2710 Introduction to Protestantism  
**Prerequisite: THE 1000C.** A survey of the Protestant Christian movement and Protestant thought from the Reformation in Europe in the 16th century to the present-day spread of Protestant Christianity throughout the world. Credit: 3 semester hours.

2810 Introduction to World Religions  
**Prerequisite: THE 1000C.** A critical introduction to the study of world religions, exploring the beliefs, rituals, and the ethical ideals of representative religious traditions. Credit: 3 semester hours.

2820 Introduction to Judaism  
**Prerequisite: THE 1000C.** Survey of the history of Judaism, with emphasis on its concepts and practices; relationship of Judaism to Christianity; the major theological schools in Judaism. Credit: 3 semester hours.

2830 Introduction to Hinduism  
**Prerequisite: THE 1000C.** Hindu religion: Its scriptures, theology, philosophy, and creeds—Vaisnavism and Saivism, eastern mysticism and yoga, and modern Hindu religious consciousness. Credit: 3 semester hours.

2840 Introduction to Buddhism  
**Prerequisite: THE 1000C.** The origin of Buddhism in India: its metaphysics, ethics, monastic order, and scriptures. Discussion of the teachings of two schools of Buddhism: the Theravada in Southeast Asia, and the Mahayana and Zen Buddhism in North and Northeast Asia. Credit: 3 semester hours.

2850 Introduction to Islam  
**Prerequisite: THE 1000C.** A survey of the religion of Islam on the basis of the Qur'an and Sunnah and its role in the contemporary world. Credit: 3 semester hours.

3000 Global Catholicism  
**Prerequisite: THE 1000C.** A broad historical and theological perspective on contemporary trends shaping global Catholicism and how the Catholic Church could shape the world in the Third Millennium. Credit: 3 semester hours.

3050 The Challenge of Identity, Spirituality, and Living in a Global World  
**Prerequisite: THE 1000C**, and the 2000 series core course. Theological investigation of challenges of identity, spirituality, and living in a global world. Integration of Vincentian values, religious tradition and practices in a global context. Open to seniors only. Credit: 3 semester hours.

3100 The Gospels of Matthew, Mark, and Luke  
**Prerequisite: THE 1000C.** This course explores the message of and about Jesus of Nazareth found in the oldest written Christian narratives concerning him, the so-called “synoptic gospels.” Credit: 3 semester hours.

3105 The Writings of John  
**Prerequisite: THE 1000C.** A study of the Gospel of John, its origins, structure and theology, and of the three Letters of John, with a consideration of their relationship to the Fourth Gospel and the Apocalypse. Credit: 3 semester hours.

3110 The Letters of Paul  
**Prerequisite: THE 1000C.** A study of the New Testament letters attributed to Paul, with attention to the literary, social, and theological issues in the study of these documents and the early Christian communities to which they were addressed. Credit: 3 semester hours.

3120 The Prophets  
**Prerequisite: THE 1000C.** A survey of the Old Testament Prophetic Books and a discussion of the nature and significance of prophecy in the Bible and in its context in the ancient Near East. Credit: 3 semester hours.

3130 The Bible and Archaeology  
**Prerequisite: THE 1000C.** An introduction to the methods and outcomes of archaeological investigation of the lands of the Bible, and a discussion of related issues concerning the history of ancient Israel. Credit: 3 semester hours.

3210 Theological Anthropology  
**Prerequisite: THE 1000C.** An introduction to theological anthropology; the human person as an historical reality. Various conceptions of humanity in the light of the Judeo-Christian revelation. The problem of nature and grace; human evolution and the hope for eternal life. Credit: 3 semester hours.

3215 Theology of Mary and the Saints  
**Prerequisite: THE 1000C.** The genesis, historical development and current manifestations of the theology of Mary and the saints and Christian liturgical and devotional practices associated with honoring them. Credit 3 semester hours.

3220 Christian Hope and Everlasting Life  
**Prerequisite: THE 1000C.** This course explores the mystery of humanity’s hoped-for future: eternal life and the reign of God. It explores the meaning of history, the social depiction of apocalypticism, millenarianism, and utopia. Credit: 3 semester hours.

3225 Death and Resurrection in Modern Christian Thought  
**Prerequisite: THE 1000C.** An examination of America’s interest in death, contributions of the behavioral sciences; biblical and theological perspectives on death and resurrection; contemporary reflections on how to live with death. Credit: 3 semester hours.

3230 Christian Marriage  
**Prerequisite: THE 1000C.** An exploration of the theological, psychological and sociological dimensions of marriage and family life. The course places particular emphasis on marriage as a sacrament, on the sacredness of family, and on the challenges related to contemporary family life. Credit: 3 semester hours.

3235 Ministry, Orders, Religious Life  
**Prerequisite: THE 1000C.** Examination of ministry in the life of Jesus as well as manner in which this ministry is manifested in lay and ordained ministry, and the various forms of canonical religious life in the Roman Catholic Church. Credit: 3 semester hours.

3240 Women and Theology  
**Prerequisite: THE 1000C.** The emergence of a theology of women, stressing personhood; Scripture and Christian traditions concerning women are joined with a study of present Church and world needs. Credit: 3 semester hours.

3250 Dialogue Among the Churches and Religions  
**Prerequisite: THE 1000C.** A study of the self-image of the Catholic Church and its relations with other Christian Churches and world religions; current dialogues taking place on the local, national and international levels. Credit: 3 semester hours.

3260 Religion and the Arts  
**Prerequisite: THE 1000C.** Restricted registration for fine arts majors only. Others may enroll with permission of instructor. An exploration of the relationship that exists among the “fine” arts, spirituality, and religion. More particularly, we focus on the ways that the arts have been and are used in the religious traditions, and more particularly the Christian tradition. Credit: 3 semester hours.
3265 Theology and Film
Prerequisite: THE 1000C. How film functions vis-à-vis theology and religion; film as a theological and religious text as well as film as it embodies religious stories. Credit: 3 semester hours.

3270 Theology in Literature
Prerequisite: THE 1000C. Theological interpretations of religious themes, metaphors, and symbols in classic works of imaginative literature, undertaken with the aid of critical literary theory and historical contextualization. Credit: 3 semester hours.

3300 Moral Theology of Health Care
Prerequisite: THE 1000C. An exploration of moral decision-making as it relates to the health care professions, with attention to specific issues, including: the right to health care, social justice, and health conscience, abortion, euthanasia, prolongation of life, genetics, contraception, sterilization, drug use, chemical addiction, and human experimentation. Credit: 3 semester hours.

3305 Moral Theology of the Marketplace
Prerequisite: THE 1000C. Restricted Registration. An exploration and analysis of moral decision-making as it applies to the world of business. Open to Tobin College of Business juniors and seniors only, or with permission of the professor. Credit: 3 semester hours.

3310 Theology of Peace
Prerequisite: THE 1000C. An examination of peace and the Christian response to war and violence, in dialogue with other religious perspectives, Judaism, and Islam. Credit: 3 semester hours.

3320 God and Religion in the City
Prerequisite: THE 1000C. A survey of selected basic issues (housing, education, welfare, pollution) which affect the quality of life in a large city. A comparison of these realities with the Christian vision of social justice and equality in human dignity. Credit: 3 semester hours.

3400 Spirituality of the Educator
Prerequisite: THE 1000C. An introduction for future educators to the spiritual dimensions of the art of teaching focusing on the development of the teacher’s personal spirituality as well as the formative role of teachers in the spiritual development of students. Credit: 3 semester hours.

3410 Helping the Neighbor: Vincent de Paul and the Meaning of Christian Service
Prerequisite: THE 1000C. An examination of the meaning of Gospel service through the spirituality of St. Vincent de Paul, the 17th-century French saint regarded by both Christians and others as a forerunner of modern social service. Credit: 3 semester hours.

3510 Religion in the United States
Prerequisite: THE 1000C. A historical and thematical study of religion in the United States from the Age of Discovery/colonial period to the present time. This course explores the diversity of religious belief and practice as well as how religion interacts with U.S. culture and society, especially in the contemporary period. Credit: 3 semester hours.

3530 Religion During and After Modernity
Prerequisite: THE 1000C. The role of religion in the rise of European culture and its influence on Western civilization. Credit: 3 semester hours.

3550 Theology in the Middle Ages
Prerequisite: THE 1000C. An introduction to the theology and history of the Catholic Church during the Middle Ages (600–1500 A.D.) by means of an interdisciplinary study of theology, philosophy, history and literature using primary and secondary sources. Credit: 3 semester hours.

3610 Youth Ministry: Theory and Practice
Prerequisite: THE 1000C. The theory and practice of ministry to youth as it is currently developing, especially in the United States. Credit: 3 semester hours.

3810 Anthropology of Religion
Prerequisite: THE 1000C. Religions of societies with primitive technologies examined to see various forms religion takes, the functions it serves and the meanings it has for the people believing and practicing it. Consideration of the cultural contexts of religion and its relation to change. Credit: 3 semester hours.

3820 Israel and the Ancient Near East
Prerequisite: THE 1000C. The history of Israel as recovered through the tools of contemporary scholarship, in order to understand its religious roots and influence on contemporary life. Credit: 3 semester hours.

3830 Modern Moral Issues in Judaism
Prerequisite: THE 1000C. The application of Jewish theological and ethical teachings in working out solutions to moral and religious problems. Credit: 3 semester hours.

3840 Contemporary Judaism
Prerequisite: THE 1000C. A survey of the theological and philosophical foundations of Judaism, and its development as a framework for contemporary Jewish life and practice. Religious, ethical, and educational attitudes found among Jews today; an examination of Judaism as a religious experience and a way of life in modern times. Credit: 3 semester hours.

3850 The Holocaust and Its Aftermath
Prerequisite: THE 1000C. The reaction of Jews and Christians to the destruction of Eastern European Judaism and the Jewish response in prayer, literature and religious thought. Credit: 3 semester hours.

3855 A Jewish View of Marriage and the Family

3860 The Family in Islamic Life and Theology
Prerequisite: THE 1000C. A survey of the Islamic teachings on family life and of family life in Muslim life and thought. Credit: 3 semester hours.

3910 Faith and Reason in Theology
Prerequisite: THE 1000C. A study of selected texts in the philosophy of religion, illustrating the classical philosophical interpretation of ancient Greco-Roman religion, medieval Christian philosophy in the service of the Christian religion, and the analysis and critique of religion by modern, religiously autonomous philosophies. Credit: 3 semester hours.

3920 Science and Religion
Prerequisite: THE 1000C. A comparative study of methods in science with methods in theology, with a view to understanding the relationship between scientific and theological truth. Traditional Church doctrines such as creation, divine providence, original sin, biblical miracles, virgin conception, resurrection, and eternal life are re-examined with light from contemporary scientific knowledge. Credit: 3 semester hours.

3930 Psychology and Religion
Prerequisite: THE 1000C. A survey of the interpretation of religion in major psychological schools and the application of psychological insights by the Christian churches to their ideals of personality and the Christian way of life. Credit: 3 semester hours.

4020 Biblical Issues (Mini-Course)
Prerequisite: THE 1000C. Course does not satisfy St. John’s University Core requirements. An examination of the critical biblical issues for today’s living. Issues such as archaeology, suffering and evil, fundamentalism, biblical interpretation, Christian-Jewish dialogue are examined, evaluated, and discussed. Credit: 3 semester hours.

4200 Christian Leadership
Prerequisite: THE 1000C and consent of instructor. Course does not satisfy St. John’s University Core requirements. An experience-based exploration into the purpose, dynamics and problems encountered in Christian leadership and service to the community; field experiences in actual service programs are the focus and material for case presentations and discussion. Lectures are geared to further illuminating issues that arise in the context of case discussions. Credit: 3 semester hours.
4920 Selected Theological Questions
Prerequisite: THE 1000C. Course does not satisfy St. John's University Core requirements. Open to students who desire to pursue an in-depth study of particular theological subjects of interest to them under the guidance of a member of the Theology faculty. Credit: 3 semester hours.

4930 Reading and Research
Prerequisite: THE 1000C and nine semester hours in THE. Course does not satisfy St. John's University Core requirements. Restricted registration. Guided research and reading on an individual basis. Students must submit to the department Chair, in writing and prior to registration, an outline of the subject areas to be researched or read together with written acceptance of the project by a faculty member of their choice. Open to juniors and seniors only. Prior departmental approval required. Credit: 3 semester hours.

4950; 4955 New Testament Greek I; II
Prerequisite: THE 1000C. Course does not satisfy St. John's University Core requirements. The basic elements of Greek grammar and syntax. Basic vocabulary of New Testament writings. Selected readings from New Testament writings. Credit: 3 semester hours.

4990 Seminar
Prerequisite: THE 1000C. Course does not satisfy St. John's University Core requirements. An in-depth study of particular theological subjects under the guidance of a member of the Theology faculty. Required for Theology majors, and open to Theology minors. Credit: 3 semester hours.
Art and Design

Elizabeth Albert, Associate Professor of Art, B.F.A., Boston University School for the Arts; M.F.A., CUNY, Queens College

Joseph Adolphe, Professor of Art, B.F.A., Alberta College of Art; M.F.A., School of Visual Arts

Dan Ault, Adjunct Associate Professor of Art, B.A., University of South Florida; M.F.A., CUNY, City College of New York

George Barbera, Adjunct Assistant Professor of Music, B.M., Stony Brook University; M.M., Five Towns College

Ross W. Barbera, Associate Professor of Art, B.F.A., St. John’s University; M.F.A., Pratt Institute

Lucy Bermingham, Adjunct Associate Professor of Art, B.A. Dance, Mount Holyoke College; M.A. Dance Studies, Laban Centre London/City University of London

Linda Butti, Adjunct Professor of Art, B.A., M.F.A., CUNY, Brooklyn College

Frances Cappello, Adjunct Professor of Music, B.S., Brentwood College; M.S., Richmond College; M.A., Adelphi University

Judy Cooperman, Adjunct Associate Professor, B.A., Queens College, CUNY; M.A., Washington University; M.F.A., C.W. Post College, Long Island University

Annette Cords, Adjunct Assistant Professor of Art, B.A. Principia College; M.F.A. University of Pennsylvania

Jody B. Cutler, Adjunct Assistant Professor of Art History, B.A., New York University; M.A., City College of the City University of New York; Ph.D., State University of New York at Stony Brook

Elizabeth DeLuna, Associate Professor of Art, B.F.A., San Francisco Art Institute; M.F.A., Yale School of Art

Louis DiGenoa, Associate Professor of Art, B.A., Upsala College; M.F.A., School of Visual Arts

Martin Dominguez-Ball, Adjunct Assistant Professor of Art, B.F.A., St. John’s University; M.F.A., Goddard College

Paul Fabbro, Professor of Art, B.F.A., Alfred University; M.F.A., University of Pennsylvania

Connie Frisch-Cherniak, Adjunct Professor of Art, B.S., University of Wisconsin; M.F.A., Rutgers University

Amy Rebecca Gansell, Assistant Professor of Art History, B.A., Barnard College of Columbia University; M.A., Ph.D., Harvard University.

Jerelyn Hanrahan, Adjunct Professor of Art, B.A., University of Maryland; M.F.A., School of Visual Arts

Max Hergenrother, Adjunct Associate Professor of Art, B.F.A, St. John’s University; M.F.A., School of Visual Arts

Barrett Hipps, Adjunct Associate Professor of Music, B.M., University of Arkansas; M.M., Rutgers University

Stephanie Jacobson, Adjunct Associate Professor of Art, B.F.A., University of Massachusetts; M.A., Long Island University, C.W. Post

Thomas Kerr, Associate Professor of Art, B.F.A., Alberta College of Art; M.F.A., School of Visual Arts

George Larkins, Adjunct Assistant Professor of Art, B.F.A., Art Center College of Design; M.F.A., Pratt Institute

Belenna M. Lauto, Professor of Art, B.F.A., St. John’s University; M.A., New York University

John T. Legaspi, Adjunct Associate Professor of Art, B.F.A., St. John’s University; M.F.A., New York Academy of Art

Milena Locatelli, Adjunct Assistant Professor of Art, B.A., M.A., Università di Roma “La Sapienza”; Ph.D., University of Pisa

Mark Lomanno, Assistant Professor of Music, B.A., University of Richmond; M.A., Rutgers University; Ph.D., University of Texas at Austin

Michael Marfione, Adjunct Assistant Professor of Photography, B.F.A., St. John’s University; M.F.A., University of Pennsylvania

William A. Moore, Associate Professor of Art, B.F.A., St. John’s University; M.F.A., Rutgers University

Mary Lee Morris, Adjunct Professor of Art, B.A., Barnard College; M.A., Fordham University; Ph.D., Fordham University, J.D., Hofstra School of Law

Lisa Papi, Adjunct Associate Professor of Art, B.A., Institute of Fine Arts of Rio de Janeiro, Brazil; M.F.A., CUNY, City University of New York

Michael Poast, Adjunct Associate Professor of Art, B.A., M.M.A., University of Cincinnati; M.F.A., CUNY, City University of New York

Frank Retzel, Adjunct Professor of Music, B.A. and M.A., Wayne State University; Ph.D., The University of Chicago

Susan Rosenberg, Associate Professor of Art History, B.A., Brown University; Ph.D., New York University

Claudia Sbrissa, Associate Professor of Art, B.F.A., The School of the Art Institute of Chicago; M.F.A., Rochester Institute of Technology

James Sergi, Adjunct Associate Professor of Music, B.M., Ohio State University; M.M., Florida State University

Aaris Sherin, Associate Professor of Art, B.F.A., York University, Toronto; B.E., Queens University, Kingston; M.F.A., Cornell University

Jack Sherman, Adjunct Assistant Professor of Art, B.A., SUNY Binghamton

Anne Tedesco, Adjunct Professor of Music, B.M., SUNY, Potsdam; M.M., Manhattan School of Music

Ferrucio Trabalzi, Adjunct Assistant Professor of Art, B.A., Università La Sapienza, Roma; M.A., Ph.D., University of California

John Tyson, Adjunct Assistant Professor of Art, B.A., Colby College; M.A., Tufts University

Chei-Mei Wu, Adjunct Associate Professor of Music, B.M., Ting-Hai University, Taiwan; M.M., Peabody Conservatory of Music; D.M.A., Catholic University of America

Bernard Zirnheld, Adjunct Assistant Professor of Art, B.A., Tufts University; M.A, M.Phil, Ph.D Candidate, Yale University

Asian Studies

Berdnette Li, Director and Professor, B.A., National Taiwan University; M.A., University of Washington; Ph.D., Columbia University

Nyo Chung, Assistant Professor, B.A., M.A., Sang Myung College, Korea; M.A., Long Island University

Mei-Yi Chou, Adjunct Instructor, B.A., Tamkang University; M.A., St. John’s University

Mei-Chin Tu Hsiang, Adjunct Instructor, B.A., Chinese Cultural University; B.A., Queens College, CUNY; M.A., St. John’s University

Chao-Chih Huang, Adjunct Assistant Professor, B.A., Chinese Culture University; M.A., St. John’s University

Diana H. Kung, Adjunct Instructor, B.A., National Taiwan College of Art; M.A., Montclair State University

Jacob C. Lin, Adjunct Instructor, B.A., University of California at Berkeley; M.A., St. John’s University; Ph.D. candidate, CUNY

John J. Metzler, Assistant Professor, B.A., St. John’s University

Hung-Yi Shen, Associate Director, LL.B., Soochow University; M.L.I., University of Wisconsin; LL.M., University of Washington

Tokumitsu Shibata, Adjunct Instructor, B.A., M.A., Kokushikan University; M.A., St. John’s University

Wenshan Shih, Adjunct Professor, B.A., Nat’l Taiwan University; M.A., University of Minnesota; Ph.D., University of Toronto

Winnie C. Tsai, Adjunct Instructor, B.A., Providence College; M.A., St. John’s University

Johnson L. Tseng, Adjunct Associate Professor, B.A., M.B.A., Nat’l Chengchi University; M.A., Ph.D., SUNY, Albany

Yoshiko Watanabe, Adjunct Instructor, B.A., Musashi University, Japan; M.A., Ed.M., Columbia University

stjohns.edu/bulletins 89
Biology

Christopher Bazinet, Associate Professor, B.A., University of Wisconsin-Madison; Ph.D., Massachusetts Institute of Technology
Jai Dwivedi, Assistant Professor, B.A., M.S., Adelphi University; Ph.D., St. John’s University
Irvin N. Hirshfield, Associate Professor, B.S., University of Delaware; Ph.D., University of Pittsburgh
Dianella G. Howarth, Assistant Professor, Director, Environmental Studies Program, B.A., University of Pennsylvania; Ph.D., Harvard University
Yue Jee Lin, Associate Professor, B.S., National Taiwan University; M.S., Ph.D., Ohio State University
Simon Geir Moller, Professor and EMBO Young Investigator, B.S., University of Leeds, UK; M.S., The University of London; Ph.D., University of Leeds, U.K.
Matteo Ruggiu, Assistant Professor, B.S., University of Pavia, Italy; Ph.D., Medical Research Council, Edinburgh, U.K.
Laura Schramm, Associate Professor, Associate Dean, B.S., SUNY, Stonybrook; M.S., St. John’s University; Ph.D., SUNY, Stonybrook
Richard Stalter, Professor, B.S., Rutgers University; M.S., University of Rhode Island; Ph.D., University of South Carolina
Ales Vancura, Professor, M.S., Ph.D., The Prague Institute of Chemical Technology
Ivanka Vancurova, Professor, M.S., Ph.D., The Prague Institute of Chemical Technology; Ph.D., Czech Academy of Sciences
Wan S. Yang, Assistant Professor, B.S., Ph.D., KAIST, South Korea
Yong Yu, Assistant Professor, B.S., Ocean University of Qingdao, China; Ph.D., Chinese Academy of Sciences
Yan Zhu, Assistant Professor, B.S., M.S., Wuhan University, China; Ph.D., Robert Wood Johnson Medical School
Jay A. Zimmerman, Adjunct Professor, B.A., Franklin and Marshall College; Ph.D., Rutgers University
Rachel Zufferey, Associate Professor, B.S., M.S., Ph.D., The Swiss Federal Institute of Technology, Zurich, Switzerland

Chemistry

Ernest Birnbaum, Professor Emeritus, B.A., University of California; M.S., University of South California; Ph.D., University of Florida
James E. Brady, Professor Emeritus, B.S., Hofstra University; Ph.D., Pennsylvania State University
David Brown, Associate Professor, B.S., University of the West Indies; Ph.D., CUNY, City College
Victor Cesare, Professor, B.S., SUNY, Albany; M.S., Ph.D., St. John’s University
Guofang Chen, Associate Professor, B.S., Huaiyin Institute of Technology; M.E., Dalian University of Technology; Ph.D., Dalian Institute of Chemical Physics, Chinese Academy of Sciences/Otto-von-Guericke University of Magdeburg
Gina M. Florio, Associate Professor, A.B., Vassar College; Ph.D., Purdue University
Steven Graham, Associate Professor, B.S., Ph.D., SUNY, Stony Brook
Alison G. Hyslop, Associate Professor, B.S., Macalester College; Ph.D., University of Pennsylvania
Neil D. Jespersen, Professor, B.S., Washington and Lee University; Ph.D., Pennsylvania State University
Eugene J. Kuchich, Professor Emeritus, B.S., Ph.D., Rutgers University
Philip S. Lukeman, Associate Professor, B.Sc, Leicester University/Colorado State University; Ph.D., Cambridge University
Elise G. Meghee, Associate Professor, B.S., University of Rochester; M.S., Ph.D., University of North Carolina
William H. Pasfield, Professor Emeritus, B.S., Massachusetts Institute of Technology; Ph.D., University of Connecticut
Richard Rosso, Associate Professor, B.S., SUNY, Albany; Ph.D., SUNY, Buffalo
Joseph Serafin, Associate Professor, B.S., Gannon University; Ph.D., Columbia University
Ralph Stephani, Professor Emeritus, B.S., College of the Holy Cross; Ph.D., SUNY, Buffalo
Siao F. Sun, Professor Emeritus, LL.B., National Chengchi University; M.A., University of Utah; M.S., Loyola University; Ph.D., University of Illinois; Ph.D., University of Chicago
Anthony C. Testa, Professor Emeritus, B.S., CUNY; Ph.D., Columbia University
Enju Wang, Professor, B.S., Shandong Normal University; M.Sc., Nanjing Soil Institute Academia Sinica; Ph.D., Laboratorium für Organische Chemie; Post-Doctoral Fellow, University of Michigan

Communication Sciences and Disorders

Jose G. Centeno, Associate Professor, B.A., University of Guelph; M.A., Hofstra University; Ph.D., CUNY
Nancy Colodny, Associate Professor, B.S., Emerson College; M.S., Ed.D., Teachers College, Columbia University
Donna S. Geffner, Professor, B.A., CUNY, Brooklyn College; M.A., Ph.D., New York University
Peggy F. Jacobson, Associate Professor, Director of the M.A. Graduate Program in Speech-Language Pathology, B.A., University of New Mexico; M.A., New Mexico State University; Ph.D., CUNY
Anthea Vivona, Clinical Supervisor, B.A., M.A., St. John’s University
Monica Wagner, Assistant Professor, B.A., SUNY-Cortland; M.A., CUNY; Ph.D., CUNY
Patrick Walden, Associate Professor, B.A., Florida State University, Tallahassee; M.A., New Mexico State University; Ph.D., Florida Atlantic University
Rebecca Wiseheart, Assistant Professor, B.A., University of Florida; M.A., University of Florida; Ph.D., University of Florida

English

Dohra Ahmad, Associate Professor, B.A., Yale University; M.A., Ph.D., Columbia University
Angela Belli, Professor, B.A., CUNY, Brooklyn College; M.A., University of Connecticut; Ph.D., New York University
Lee Ann Brown, Associate Professor, M.F.A., Brown University
Gabriel Brownstein, Associate Professor, B.A., Oberlin College; M.F.A, Columbia University
Scott Combs, Associate Professor, B.A., University of Chicago; M.A., Ph.D., University of California, Berkeley
Raj Chetty, Assistant Professor, B.A., University of California; M.A., Brigham Young University; Ph.D., University of Washington
Robert Fanuzzi, Associate Professor, B.A., College of William and Mary; M.A., Ph.D., Northwestern University
Robert Forman, Professor, B.A., St. John’s College; M.A., Ph.D., New York University
Granville Ganter, Associate Professor, Boston University; M.A., University of Vermont; Ph.D., CUNY
Anne Geller, Associate Professor, B.A., Mount Holyoke; M.A., N.Y.U., Ph.D., Steinhardt School of Education
Rachel Hollander, Associate Professor, B.A., Swarthmore College; M.A., Ph.D., Rutgers University
Amy King, Associate Professor, B.A., Bates College; M.A., Ph.D., Harvard University

Brian Lockey, Associate Professor, B.A., Swarthmore College; M.A., University of Sussex; Ph.D., Rutgers University

John Lowney, Professor, B.A., M.A., University of Massachusetts; Ph.D., Brown University

Kathleen Lubey, Associate Professor, B.A., Ithaca College; M.A., SUNY, Buffalo; Ph.D., Rutgers University

Gregory Maertz, Professor, B.A., Northwestern University; A.M., Ph.D., Harvard University

Steven Mentz, Professor, B.A., Princeton University; M.A., Ph.D., Yale University

Stephen Miller, Professor, B.A., M.A., CUNY; Ph.D., New York University

Melissa Mowry, Associate Professor, B.A., Boston University; M.A., Ph.D., University of Delaware

Derek Owens, Professor, B.A., SUNY, Geneseo; M.A., D.A., SUNY, Albany

Nicole Rice, Associate Professor, B.A., Yale University; M. Phil., Cambridge University; Ph.D., Columbia University

Stephen Sicari, Professor, B.A., Manhattan College; M.A., Ph.D., Cornell University

Shanté Paradigm Smalls, Assistant Professor, B.A., Smith College; M.A., Ph.D., New York University

Jennifer Travis, Associate Professor, B.A., Vassar College; M.A., Ph.D., Brandeis University

Elda Tsou, Associate Professor, B.A., University of California, Berkeley; M.A., University of Chicago; M.A., Ph.D., Columbia University

Barbara Kozik, Associate Professor, B.A., University of Texas at Austin; M.A., M.Phil., Ph.D., Yale University

Azzedine Layachi, Professor, B.A., Algiers University; M.A., Ph.D., New York University

Frank Paul Leveness, Professor, B.Sc., M.A., Ph.D., St. John’s University

William R. Nester, Professor, B.A., Miami University of Ohio; M.A., Ph.D., University of California at Santa Barbara

Robert F. Pecorella, Associate Professor, B.A., St. John’s University; M.A., CUNY, Brooklyn College; Ph.D., Pennsylvania State University

Raymond Polin, Professor Emeritus, B.A., M.A., New York University

Luba Racanska, Associate Professor, B.A., Yale University; M.A., Ph.D., University of North Carolina, Chapel Hill

Uma Tripathi, Associate Professor, B.A., M.A., Ph.D., University of Notre Dame

Languages and Literatures

Jennifer Aguillera, Adjunct Instructor of ESL, B.A., M.A., St. John’s University

Elizabeth J. Applegate, Assistant Professor of French, B.A., Smith College; M.A., Ph.D., New York University

Andrea Babsky, Adjunct Instructor of Spanish, B.A., St. John’s University; M.A., Hunter College, CUNY

Erez Bar-Levy, Adjunct Instructor of Spanish, B.A., Binghamton University; M.A., St. John’s University

Nina Beliavsky, Associate Professor of ESL, B.A., University of Wisconsin; M.A., Ph.D., Northwestern University

Athanasia Biska, Adjunct Instructor of Greek, B.A., University of Athens; M.A., City University England

Christopher Caccavo, Adjunct Instructor of ESL, B.A., Mollay College; M.A. Temple University, Japan

Alina Camacho-Gingerich, Professor of Spanish, B.A., SUNY, Buffalo; M.A., Ph.D., University of Pittsburgh

Fernando Garcia Catalan, Adjunct Instructor of Spanish, B.A., M.A., Pontifical University of Salamanca, Spain

Zora Ceric, Adjunct Associate Professor of German, B.A., Belgrade University; M.A., Ph.D., State University of New York at Stony Brook

Gaetano Cipolla, Professor of Italian, B.A., New York University; M.A., Hunter College, CUNY; Ph.D., New York University

William Cipolla, Adjunct Professor of French, A.B., University of Pennsylvania; M.A., Ph.D. John Hopkins University

Marina Colajanni, Adjunct Instructor of Italian, B.A., M.A., CUNY, Queens College

Elsa B. Conenna, Adjunct Assistant Professor of Spanish, B.A., Padre Elizalde College; M.A., St. John’s University

Jolie Cuminale, Adjunct Instructor, M.A., University of Perugia, Italy

Wafa Daoud, Adjunct Assistant Professor of Arabic, B.S., SUNY, Farmingdale; M.A., New York Institute of Technology

Government and Politics

William Byrne, Associate Professor, B.A., University of Pennsylvania; M.A., Ph.D., The Catholic University of America

Raymond L. Carol, Professor Emeritus, B.A., Johns Hopkins University; M.A., Ph.D., Syracuse University

Vincent Chen, Professor Emeritus, LL.B., Chung Cheng University, Nanhang, China; M.A., University of Chicago; Ph.D., Yale University

Fred Cocozzelli, Associate Professor, B.A., The Catholic University of America; M.A., Columbia University; Ph.D., New School University

William Gangi, Professor, B.A., M.A., St. John’s University; Ph.D., University of Notre Dame

Diane Heith, Associate Professor, B.A., Cornell University; M.A., Brown University; Ph.D., Brown University

David W. Kearn, Assistant Professor, B.A., Amherst College; M.A., Harvard University, John F. Kennedy School Of Government; Ph.D., University of Virginia

Barbara Kozik, Associate Professor, B.A., University of Texas at Austin; M.A., M.Phil., Ph.D., Yale University

Azzedine Layachi, Professor, B.A., Algiers University; M.A., Ph.D., New York University

Frank Paul Leveness, Professor, B.Sc., M.A., Ph.D., St. John’s University

William R. Nester, Professor, B.A., Miami University of Ohio; M.A., Ph.D., University of California at Santa Barbara

Robert F. Pecorella, Associate Professor, B.A., St. John’s University; M.A., CUNY, Brooklyn College; Ph.D., Pennsylvania State University

Raymond Polin, Professor Emeritus, B.A., M.A., New York University

Luba Racanska, Associate Professor, B.A., Yale University; M.A., Ph.D., University of North Carolina, Chapel Hill

Uma Tripathi, Associate Professor, B.A., M.A., Ph.D., University of Notre Dame

History/Geography

Dolores L. Augustine, Professor, B.S.F.S., Georgetown University; M.A., Ph.D., Freie University of Berlin, Germany

Joseph A. Bongiorno, Associate Professor, B.A., St. Francis College; M.A., St. John’s University; Ph.D., University of Connecticut; J.D. New York University Law School

Mauricio Borroto, Associate Professor, B.A., Georgetown University; M.A., Ph.D., Indiana University

Elaine Carey, Professor, B.A., M.A., Florida State University; Ph.D., University of New Mexico

Tracey-Anne Cooper, Associate Professor, B.A., Lancaster University; M.A., Ph.D., Boston College

Timothy A. Milford, Associate Professor, B.A., Duke University; Ph.D., Harvard University

Ian Matthew Miller, Assistant Professor, B.A., Swarthmore College; M.A., Ph.D., Harvard University

Philip Misevich, Assistant Professor, B.A., St. John’s University; Ph.D., Emory University

Susie J. Pak, Associate Professor, B.A., Dartmouth College; M.A., Ph.D., Cornell University

Alejandro Quintana, Assistant Professor, B.A., Autonomous University of the State of Puebla, Mexico; M.A., Hunter College, CUNY; Ph.D., The Graduate Center, CUNY

John C. Rao, Associate Professor, B.A., Drew University; Ph.D, Oxford University

Nerina Rustomji, Associate Professor, B.A., University of Texas at Austin; M.A., Ph.D., Columbia University

Susan Schmidt Horning, Associate Professor, B.A., M.A., University of Akron; Ph.D., Case Western Reserve University

Kristin Szyllian, Associate Professor, B.A., University of Lowell; M.A., Duquesne University; Ph.D., Carnegie Mellon University

Konrad T. Tuchschere, Associate Professor, B.A., University of Wisconsin; Ph.D., University of London

Lara Vapnek, Associate Professor, B.A., Barnard College; M.A., Ph.D., Columbia University
Larissa Dalin, Adjunct Instructor of ESL, B.S., M.S., State Pedagogical Institute of Foreign Languages; M.A., CUNY, Queens College.

Lucy Delogu, Adjunct Instructor of Italian, M.A., Ohio State University; Ph.D., Rutgers University

Pasquale De Serio, Adjunct Instructor of Italian, B.A., Pontificia Università Gregoriana; M.A., Università San Tommaso D’Aquino

Catherine DiGiovanni, Adjunct Instructor of ESL, B.A., M.A., St. John’s University

Myriam Dumon, Adjunct Associate Instructor of French, B.A., M.A., Ph.D., University of Paris III, France

Glavol Ekbatani, Associate Professor of ESL, B.A., M.A., Ph.D., University of Illinois

Essam El-Elady Associate Professor of ESL, B.S., Ein Shams University, Egypt; M.A., New York University

Paul Fadoul, Adjunct Instructor of French, B.A., M.A., CUNY, Queens College

Domífer M. Francisco, Adjunct Instructor of Spanish, B.A., M.A., St. John’s University

Myrna L. Fuentes, Adjunct Assistant Professor of Spanish, B.A., M.A., St. John’s University

Marie-Lise Gazarian, Professor of Spanish, B.S., Adelphi University; M.A., Ph.D., Columbia University

Ilene Goldman, Adjunct Instructor of ESL, B.A., M.A., CUNY

Angus B. Grieve-Smith, Adjunct Assistant Professor of French, Linguistics, B.A., SUNY, Binghamton; M.A., University of Chicago.

Wesley Gunter, Adjunct Assistant Professor of French, B.A., Rice University; M.A., Ph.D., New York University

Mary Jane Highfield, Adjunct Associate Professor of French, B.A., SUNY, Cortland; Ph.D., Cornell University of New York

Michele H. Jones, Adjunct Associate Professor of French, Director of Global Language and Culture Center, B.A., M.A., C.A.P.E.S., University of Nantes, France; Ph.D., City University of New York

Carmen F. Klohe, Associate Professor of Spanish, B.A., Montclair State University; M.A., CUNY, Queens College; Ph.D., CUNY, Graduate Center

Lily Kwok, Adjunct Instructor of ESL, B.S., New York University; M.A., St. John’s University

David Levin, Adjunct Assistant Professor of ESL, B.A., M.S., Queens College, CUNY; M.A., Adelphi University

Maria Lewis, Adjunct Instructor of Italian, M.A., CUNY, Queens College

Norma Manolopoulos, Adjunct Instructor of Spanish, B.A., M.A., CUNY, Queens College

Bruno Montefusco, Adjunct Instructor of Italian, M.A., University of Siena, Italy

Eduardo Mitre, Associate Professor of Spanish, B.A., Universidad Mayor de San Simón; M.A., Ph.D., University of Pittsburgh

Janna Mousakasova, Adjunct Assistant Professor of Russian, B.S., M.S., Ukraine University.

Mark Murphy, Adjunct Instructor, B.A., Pharmacy University of Haiti; M.A., CUNY, Graduate Center

Jasmine Narcisse, Adjunct Instructor, B.A., Pharmacy University of Haiti; M.A., CUNY, Graduate Center

Maria Helena Palau, Adjunct Assistant Professor of Spanish, B.A., CUNY, Queens College; M.A., St. John’s University

Zoe Petropoulos, Associate Professor of French, B.A., University of Athens, Greece; M.A., University of Paris IV, France; Ph.D., University of Paris III, France

Walter Petrovitz, Associate Professor, B.A., CUNY, Queens College; M.I.A., Columbia University; Ph.D., CUNY

Herbert Pierson, Professor of ESL, B.A., M.A., Maryknoll; M.S., Ed.D., SUNY, Albany

Steve Puig, Assistant Professor of French, M.A., University of North Carolina, Chapel Hill; Ph.D., CUNY Graduate Center

Frank Rakas, Adjunct Instructor of Italian, B.A., M.A., University of Pittsburgh

Ima Romero, Adjunct Assistant Professor of Spanish, M.A., St. John’s University

Marc S. Roth, Adjunct Assistant Professor of Spanish, B.A., Brooklyn College; M.S., CUNY, Queens College; M.S., Long Island University; P.D., Bilingual Administration and Supervision

Marleen Rothstein, Adjunct Instructor of ESL, B.A., M.A., CUNY, City College of New York; M.A., College of New Rochelle

Florence Russo-Cipolla, Associate Professor of Italian, B.A., St. John’s University; M.A., CUNY, Queens College; Ph.D., New York University

Annalisa Saccà, Professor of Italian, B.A., M.A., CUNY, Queens College; Ph.D., New York University

Melinda E. Sanchez, Adjunct Assistant Professor of Spanish, B.A., Universidad del Atlantico, Colombia; M.A., University of Arkansas

María Yrene Santos, Adjunct Assistant Professor of Spanish, B.A., Universidad Autonoma de Santo Domingo; M.A., CUNY, City College of New York

Leonid A. Serafin, Adjunct Instructor of Spanish, B.A., Universidad Nacional Federico Villareal, Peru; M.A., St. John’s University

Nicholas Stufano, Adjunct Instructor of Latin, B.A., M.A., Fordham University

Mary Su, Adjunct Instructor of ESL, B.A., Cornell University; M.A., St. John’s University

Maria Tauro, Adjunct Instructor of Italian, B.A., M.A., Queens College, CUNY

Nicholas J. Toscano, Professor of Spanish, B.A., University of Granada, Spain; LL.D., University of Madrid, Spain; Ph.D., University of Massachusetts, Amherst

Katerina Trabazo, Adjunct Instructor of Spanish, B.A., M.A., St. John’s University

Olga Villacis, Adjunct Assistant Professor of Spanish, B.A. Universidad de Guayaquil, Ecuador; M.A., St. John’s University

Rafael Wagner, Adjunct Instructor of Spanish, B.A., M.A., University of Seville, Spain

Robert Walsh, Adjunct Instructor of French, B.A., Binghamton University; M.A., Syracuse University

Ann C. Wintergerst, Professor of ESL, B.A., St. John’s University; M.A., Ed.M., Ed.D., Columbia University Teacher’s College

Nita Yajnik Adjunct Instructor of Hindi, B.Ed., M.A., Gujarat University, India

Mathematics/Computer Science

Edward Beckenstein, Professor, B.S.E.E., M.S.E.E., Ph.D., Brooklyn Polytechnic Institute

Theresa Barz, Professor Emeritus, B.S., M.A., St. John’s University; M.S., New York Institute of Technology, Ed.D., Columbia University

Michael Capobianco, Professor Emeritus, B.Ch.E., M.Ch.E., Ph.D., Brooklyn Polytechnic Institute; M.A., Columbia University

Florin Catrina, Associate Professor, B.S., M.S., University of Bucharest; Ph.D., Utah State University

Leon E. Gerber, Associate Professor, B.S., CUNY, Brooklyn College; M.A., Ph.D., Yeshiva University

Genady Grabarnik, Assistant Professor, M.A., Tashkent State University; Ph.D., Uzbek Academy of Science

Alexander Katz, Professor, B.S., M.S., Tashkent State University; Ph.D., University of South Africa

Vincent J. Mancuso, Professor Emeritus, B.S., Fordham University; M.S., Ph.D., Rutgers University

Luke F. Mannion, Associate Professor, B.Sc., M.Sc., University College, Galway, Ireland; Ph.D., Brown University

Calvin Mittman, Associate Professor, B.S., Rensselaer Polytechnic Institute; M.A., Princeton University
Richard C. Morgan, Professor Emeritus, B.E., Stevens Institute of Technology; M.S., Ph.D., New York University
Lawrence Narici, Professor Emeritus, B.S., M.S., Ph.D., Polytechnic Institute of Brooklyn
Mikhail I. Ostrovskii, Professor, M.S., Kharkov State University; Ph.D., Institute of Applied Mathematics and Mechanics
David Patterson, Professor Emeritus, A.B., Grinnell College; M.A., Ph.D., Columbia University
David Rosenthal, Associate Professor, B.S., M.A., Ph.D., SUNY, Binghamton
Robert O. Stanton, Associate Professor, B.S., St. John’s University; M.S., Tulane University; Ph.D., New Mexico State University
Charles R. Traina, Professor, B.S., St. Francis College; M.A., St. John’s University; Ph.D., Polytechnic Institute of New York
Vladimir Tulovsky, Associate Professor, M.S., Ph.D., Moscow University

Philosophy
Rev. Peter J. Albano, Associate Professor, A.A., St. Joseph’s College; B.A., M.Div., Mary Immaculate Seminary; S.T.M., Union Theological Seminary; Ph.D., The Philosophy of Religion and Theology, Claremont
Thomas M. Avery, Adjunct Assistant Professor, B.A., CUNY, Herbert H. Lehman College; Ph.D., CUNY Graduate School
Rev. Robert Badillo, Adjunct Assistant Professor, B.A., M.A., Catholic University of America; M.Div., Oblate College; Ph.D., American University
Vadim Batitsky, Associate Professor, B.A., California State University, Los Angeles; M.S., Ph.D., University of Pennsylvania
David Becker, Adjunct Associate Professor, B.A., M.A., New York University; J.D., St. John’s University; Ph.D., Fordham University
Mario Cardone, Adjunct Assistant Professor, B.A., St. John’s University; Ph.D., Pontifical University of the Holy Cross
Randall Baldwin Clark, Assistant Professor, B.A., J.D., University of Virginia; Ph.D., University of Chicago, Department of Political Science
Zachary D. Davis, Associate Professor, B.A., University of New Hampshire; M.A., Ph.D., Southern Illinois University
Robert Delfino, Associate Professor, B.A., St. John’s University; Ph.D., SUNY, Buffalo
Edgar A. Devina, Adjunct Assistant Professor, B.A., Adamson University, Philippines; M.A., St. Vincent School of Theology, Philippines; Ph.L., Gregorian University; Ph.D., Fordham University
Kenneth S. Foldes, Adjunct Professor, B.A., M.A., CUNY, Queens College; Ph.D., Duquesne University
Paul Gaffney, Associate Professor, B.A., Niagara University; M.A., Ph.D., Catholic University of America
Marie George, Professor, B.A., Thomas Aquinas College; M.A., Ph.D., Laval University, Quebec, Canada
Arthur F. Gianelli, Associate Professor, B.S., Georgetown University; Ph.D., St. John’s University
Robert Grimwade, Adjunct Instructor, B.A., Pace University; M.A., The New School For Social Research
Paul Gyllenhammer, Associate Professor, B.A., SUNY, Plattsburgh; M.A., Villanova University; Ph.D., Marquette University
Bryan W. Hall, Professor, Associate Dean, B.A., University of Denver; Ph.D., University of Colorado, Boulder
Trent Hamann, Assistant Professor, B.A., CUNY, Queens College; M.A., Ph.D., SUNY, Binghamton
Michael Henry, Professor, B.A., Catholic University of America; M.A., Fordham University; M.A., Ph.D., University of Notre Dame
Richard Ingardia, Professor, B.A., St. John’s University; M.A., M.Phil., University of Toronto; Ph.D., University of Colorado
David Kaspar, Assistant Professor, B.A., William Patterson College; M.A. University of Rhode Island; Ph.D., University at Buffalo
David Kaye, Adjunct Instructor, B.A., Towson University; M.A., The New School for Social Research
Kevin E. Kennedy, Associate Professor, B.A., LeMoyne College; M.A., Ph.D., Catholic University of America
Johnemery Konecni, Administrator, Adjunct Associate Professor, B.A., M.A., St. John’s University; Ph.D., New York University
Rev. Robert E. Lauder, Professor, B.A., Immaculate Conception Seminary; M.A., Catholic University of America; Ph.D., Marquette University
Mark Lekarew, Adjunct Instructor, B.A., University of Michigan; M.A., Free University of Berlin
Rafael Rustico Macaranas, Adjunct Assistant Professor, B.A., San Pablo College; M.A., University of St. Tomas; J.C.D. St. Paul University; Ph.D., University of Ottawa
Scott Malowitz, Adjunct Assistant Professor, B.A., M.A., CUNY, Queens College; Ph.D., University of Iowa
Joseph McMahon, Adjunct Assistant Professor, B.A., Marist College; M.A., Catholic University of America; Ph.D., St. John’s University

Physics
Md Regwan Ali, Adjunct Assistant Professor, M.S., Wichita State University; Ph.D., Texas Tech University
Robin Appel, Adjunct Professor, B.S., University of South Florida; M.S., Ph.D., New York University
Elizabeth Badolato, Adjunct Instructor, B.S., University of Evansville; M.S., Rensselaer Polytechnic Institute
Richard Chang, Adjunct Assistant Professor, Laboratory Supervisor, B.S., Chung-Yuan University; M.S., M.B.A., St. John’s University
Thomas DeCanio, Adjunct Assistant Professor, B.S., Polytechnic University; M.A., Columbia University; M.S., Sloan School - M.I.T.; Ph.D., New York University
Robert W. Finkel, Professor Emeritus, B.A., M.S., Ph.D., New York University
Charles Fortmann, Associate Professor, B.S., University of Maryland; M.S., Ph.D., Stanford University
Emily Lavelle, Adjunct Assistant Professor, B.S., J.D., St. John’s University
Ana Lima-Sharma, Associate Professor, B.S., Rio de Janeiro State University; M.S., National Observatory, Brazil; Ph.D., Brazilian Center for Research in Physics
Gen Long, Assistant Professor, B.S., Shandong University; Ph.D., University of Buffalo
Eugene Mananga, Adjunct Professor, B.S., University of Yaoundé, Cameroon; M.A., City College of New York, CUNY; M.Phil, CUNY Graduate Center; Ph.D., City University of New York
Francesco Marino, Adjunct Instructor, A.A., Kingsborough Community College, B.S., Wagner College; M.S., Steven Institute of Technology
Jasper Ojongtambia, Adjunct Instructor, B.S., SUNY, Old Westbury, M.S., M.B.A., M.F.E., Polytechnic Institute of New York University
Anne Okafor, Adjunct Assistant Professor, B.S., University of Nigeria; M.S., University of Lagos; Ph.D., University of Rhode Island
Andrew Parkes, Adjunct Instructor, B.S., St. John’s University
Mostofa Sadoqi, Professor, Chair, B.S., École Nationale de Superier des Mécaniques; M.S., Ph.D., Polytechnic University
Mohamed Touati, Adjunct Instructor, B.S., University of Hassan II Casablanca, Morocco; M.S., Polytechnic University, Germany
Dani jela Vesovic, Adjunct Instructor, B.S., University of Belgrade, Serbia; M.S., City College of New York, CUNY
Huizhong Xu, Associate Professor, B.S., Fudan University, China; M.A., City College of New York; CUNY; Ph.D., University of Maryland

Psychology

Andrea Jill Bergman, Associate Professor, Assistant Chair, B.A., Cornell University; M.A., Ph.D., Emory University
Nathan R. Bernstein, Adjunct Assistant Professor, B.A., CUNY, City College of New York; M.A., CUNY, Graduate Center
Sarah Braken, Adjunct Associate Professor, B.A., University of Virginia; M.S., Ph.D., St. John’s University
Elizabeth N. Brondolo, Professor, B.S., SUNY, Purchase; M.S., Ph.D., Rutgers University
Elissa Jill Brown, Professor, B.A., University of Pennsylvania; M.S., Ph.D., SUNY, Albany
William F. Chaplin, Professor, Chair, Coordinator of Research for Psychological Services Center, A.B., Stanford University; M.A., Ph.D., University of Oregon
Dana L. Chesney, Assistant Professor, B.A., University of Virginia; M.S., Ph.D., Rutgers University
Victoria Chun, Adjunct Associate Professor, B.A., Carnegie Mellon University; M.A., Ph.D., Fairleigh Dickinson University
James F. Curley, Associate Professor, B.A., Adelphi University; M.Div., St. Vincent’s College; Ph.D., St. John’s University
Tamara Del Vecchio, Associate Professor, B.A., SUNY, Albany; M.A., Ph.D., SUNY, Stony Brook
Raymond Di Giuseppe, Professor, B.A., Villanova University; M.A., SUNY, Brockport; Ph.D., Hofstra University
Kristene Doyle, Adjunct Professor, B.A., McGill University; M.A., Ph.D., Hofstra University
Philip M. Drucker, Associate Professor, B.A., College of Staten Island; M.A., Ph.D., CUNY
Agnieszka Dynda, Adjunct Associate Professor, B.A., M.S., Psy.D., St. John’s University
Jeffrey W. Fagen, Professor, Dean, B.A., CUNY, City College; M.S., Ph.D., Rutgers University
Jack M. Flit, Adjunct Associate Professor, B.S., New York Institute of Technology; M.S., Eastern Kentucky University; Ph.D., Marquette University
Dawn P. Flanagan, Professor, B.S., University of Massachusetts, Amherst; M.S., Ph.D., Ohio State University
Thomas Forte, Adjunct Associate Professor, B.S., SUNY Albany; M.S., Psy.D., St. John’s University
Susan Gaylord, Adjunct Associate Professor, B.A., Long Island University, C.W. Post; M.A., Adelphi University; Ph.D., Hofstra University
Carolyn Greco-Vigorito, Associate Professor, Associate Dean, Staten Island Campus, B.S., CUNY, Brooklyn College; M.S., Ph.D., University of Massachusetts
Beverly A. Greene, Professor, B.A., New York University; M.A., Ph.D., Derner Institute of Adelphi University
Brian Harris, Adjunct Associate Professor, B.A., SUNY Oswego; M.S., Psy. D., St. John’s University
Jill Henrikson, Adjunct Associate Professor, B.A., University of New Hampshire; M.S., Psy.D., St. John’s University
Emma-Leah Hettrich, Adjunct Associate Professor, B.A., Stony Brook University; M.S., Psy.D., St. John’s University
Michael Hickey, Adjunct Associate Professor, B.A., Western New England College; M.A., Hofstra University; Ph.D., Hofstra University
Ernest V.E. Hodges, Professor, B.A., Florida State University; M.A., Ph.D., Florida Atlantic University
John D. Hogan, Professor, B.S., St. John’s University; M.S., Iowa State University; Ph.D., Ohio State University
John Janes, Adjunct Professor, B.A., New York University; Psy.D., St. John’s University
Rafael A. Javier, Professor, B.A., CUNY, Herbert H. Lehman College; Ph.D., New York University
Kim Kelly-Miller, Adjunct Associate Professor, B.A., Hofstra University; M.A., Marist College; Ph.D., St. John’s University
Denis Knapp Rossilli, Adjunct Instructor, B.S., St. John’s University; M.A., Fairleigh Dickinson University
Colleen Lang, Adjunct Associate Professor, B.A., Colgate University; M.A., Ph.D., St. John’s University
Rosalinda Macaluso, Adjunct Assistant Professor, B.A., Hofstra University; M.A., Adelphi University; Psy.D., St. John’s University
Veronica Maggi, Adjunct Instructor, B.A., M.A. Hunter College; M.A., Fordham University
Carl L. Malinowski, Adjunct Professor, B.A., CUNY, Brooklyn College; Ph.D., CUNY
Wilson H. McDermut, Associate Professor, B.A., Wesleyan University; M.A., Ph.D., American University
Erie McDonough, Adjunct Associate Professor, Coordinator of Field Placements, B.A., Emory University; Ph.D., University of North Carolina at Chapel Hill
Robert S. Meyers, Adjunct Associate Professor, B.A., State University of New York; M.A., Psy.D, Yeshiva University; J.D., Brooklyn Law School
Lauren Moskowitz, Assistant Professor, B.S., Cornell University; M.A., Ph.D., State University of New York at Stony Brook
Jennifer A. Musico, Adjunct Instructor, B.A., Hofstra University; M.A., LaSalle University
Jeffrey S. Nevid, Professor, Director of Clinical Psychology Program, B.A., SUNY, Binghamton; Ph.D., SUNY, Albany
Alexander Nussbaum, Adjunct Professor, B.A., M.A., CUNY, Queens College; M.Phil, Ph.D., CUNY, Brooklyn College
Samuel O. Ortiz, Professor, B.A., M.A., Ph.D., University of Southern California
Richard J. Ozehosky, Associate Professor, B.A., Niagara University; M.S. Ed., Ph.D., St. John’s University
Celine Paillot, Adjunct Associate Professor, M.H.S., Ph.D., Paris X Nanterre University, France
Mary H. Pelkowski, Adjunct Instructor, B.A., M.S., St. John’s University
Mini Pothen, Adjunct Associate Professor, B.A., Temple University; M.A., Psy.D., Widener University
Alice Wild Pope, Associate Professor, B.A., M.A., Ph.D., Pennsylvania State University
Robert Ranaldi, Adjunct Professor, B.A., Concordia University; M.A., Ph.D., Queens University
Vanessa Rodriguez, Adjunct Associate Professor, B.A., University of Chicago; M.A., New York University; Ph.D., St. John’s University
Miguel Roig, Professor, B.A., The New Jersey City University; M.A., St. John’s University; Ph.D., Rutgers University
Patricio Romero, Adjunct Associate Professor, B.A., M.S., Psy.D., St. John’s University
Tara Rooney, Adjunct Assistant Professor, B.A., Boston University; M.A., Ph.D., St. John’s University
Glenna Rubin, Adjunct Professor, B.A., SUNY, Albany; J.D., Suffolk University Law School; Ph.D., St. John’s University
Cynthia Scheuer, Adjunct Assistant Professor, B.A., Adelphi University; Ed.D., Boston University; M.A., Ph.D., Southern Illinois University
Komeo Sharma-Patel, Adjunct Associate Professor, B.A., George Mason University; M.A., New York University; Ph.D., St. John’s University
Marlene Sotelo-Dynaga, Associate Professor, B.S., M.A., Psy.D., St. John’s University
William Sperduto, Adjunct Associate Professor, B.A., St. John’s University; M.A., Ph.D., Hofstra University
Helen Stevens, Adjunct Professor, B.A., CUNY Baruch; M.A., Ph.D, Hofstra University
Mark D. Terjesen, Associate Professor, Director of M.S. and Psy.D. Programs in School of Psychology, B.A., Boston University; Ph.D., Hofstra University
Margaret Torrellas, Adjunct Instructor, B.A., M.A., CUNY John Jay College
Robert Tringone, Adjunct Associate Professor, B.A., Hofstra University; Ph.D., University of Miami
Faith Unger, Adjunct Assistant Professor, B.A., Allentown College of St. Francis de Sales; M.A., Ph.D., Hofstra University
Scyatta Wallace, Associate Professor, B.A. Yale University; M.A., Ph.D., Fordham University

Kate E. Walton, Associate Professor, B.A., Millersville University of Pennsylvania; M.A., Ph.D., University of Illinois
Robin L Wellington, Associate Professor, B.S., University of Maryland; M.S., Ph.D., University of Pittsburgh
Zheng Zhou, Professor, B.A., Suzhou University, China; M.S., Tulane University; Ph.D., Columbia University
Jared Zucker, Adjunct Associate Professor, B.A., Boston University; M.A., Psy.D., St. John’s University

Rhetoric, Communication and Theatre
Sanae Elmoudden, Associate Professor, B.A., Rutgers; M.A., Ph.D., University of Colorado
John B. Greg, Associate Professor, B.A., St. John’s University; M.A., Ph.D., Wayne State University
Jeremiah Hickey, Associate Professor, B.A., St. John Fisher College; M.A., State University of New York, College at Brockport; Ph.D., Texas A&M University
Michael J. Hostetler, Professor, B.R.E., Cornerstone College; M.Div., Trinity Divinity School; M.A., New York University; Ph.D., Northwestern University
Flora Keshishian, Associate Professor, B.A., CUNY, Queens College; M.A., Ph.D., New York University
Stephen M. Llano, Assistant Professor, Director of St. John’s University Debate Society, B.A., Texas A&M University; M.A., Syracuse University; Ph.D., University of Pittsburgh
Laurence D. Myers, Associate Professor, B.A., Pennsylvania State University; M.A., Villanova University; Ph.D., Kent State University
Kelly Rocca-DelGaizo, Professor, B.A., Slippery Rock University; M.A., Ed.D., West Virginia University
Jaime Wright, Associate Professor, B.A., University of Alabama; M.A., Wake Forest University; Ph.D., University of Texas at Austin

Sociology/Anthropology
Barrett P. Brenton, Professor, B.A., University of Nebraska, Lincoln; M.A., Ph.D., University of Massachusetts, Amherst
Natalie Byfield, Associate Professor, B.A., Princeton University; Ph.D., Fordham University
Irene J. Dabrowski, Associate Professor, B.A., College of New Rochelle; M.A., Ph.D., Washington University
Judith N. DeSena, Professor, B.A., CUNY, Brooklyn College; Ph.D., CUNY
William DiFazio, Professor, B.A., CUNY, Richmond College; M.A., Ph.D., CUNY
Dawn Esposito, Associate Professor, B.A., CUNY, Queens College; Ph.D., CUNY Graduate Center
Anne Galvin, Associate Professor, B.A., MA., Wheaton College; Ph.D New School for Social Research
Michael Ingergaard, Professor, B.A., St. John’s University of Minnesota; M.A., Ph.D., Michigan State University
Pelagia Papazahriou, Adjunct Assistant Professor, B.A., CUNY, Hunter College; M.A., CUNY, Queens College; Ph.D. CUNY
Alice Psirakis, Adjunct Instructor, B.S., M.S.W., Adelphi University
Judith Ryder, Associate Professor, B.A., University of Michigan; M.A., University of California; Ph.D., CUNY
Robert H. Tillman, Professor, B.A., M.A., University of Oklahoma; Ph.D., University of California at Davis
Dejan Trickovic, Adjunct Instructor, B.A., University of Belgrade; M.A., B.D., New School for Social Research
Joseph Trumino, Associate Professor, B.A., Fordham University; M.A. CUNY Hunter College; Ph.D., CUNY Graduate Center
Robert Villalon, Associate Professor, M.A., University of Texas, Austin; Ph.D., University of Texas, Austin
Yue Zhuo, Assistant Professor, B.A. Tianian University, China; M.A. Nankai University, China; Ph.D. SUNY, Albany
Theology and Religious Studies

Rev. Robert Adamo, Adjunct Instructor, B.S., St. John’s University; M.Div., Seminary of the Immaculate Conception

Rev. Stephen Bicsko, C.M., Adjunct Instructor, B.A., M. Div., Mary Immaculate College

Douglas Blaine, Adjunct Instructor, B.A., Catholic University of America; M.A., St. John’s University

Rev. Patrick Bonner, Adjunct Instructor, M.S., Molloy College; S.T.D., Angelicum University, Rome

Ben Bortin, Adjunct Instructor, B.A., University of California; M.Div., Starr King School for Religion Leadership

Elizabeth Brim, Adjunct Instructor, B.A., Fordham University; M.A., St. Joseph’s Seminary

Rev. Msgr. Thomas Caserta, Adjunct Assistant Professor, B.A., Cathedral College; M.Div., Immaculate Conception Seminary; M.A., Fordham University; D.Min., Graduate Theological Foundation, IN

Cynthia Chambers, Adjunct Associate Professor, B.A., Capital University; M.L.S., Kent State University; M.T.S., Trinity Lutheran Seminary

Meghan Clark, Assistant Professor, B.A., Fordham University; M.A., Ph.D., Boston College

Francis Connolly-Weinert, Associate Professor, B.S., St. Joseph’s University; M.A., Maryknoll School of Theology; Ph.D., Fordham University

Jeremy Cruz, Instructor, B.A., University of California at Riverside; M.Div., Ph.D., Boston College

Clarice S. Curry, Adjunct Assistant Professor, B.S., St. John’s University; M.A., Seminary of Immaculate Conception; M.S.W., Fordham University

Stephen DeBlasio, Adjunct Instructor, B.A., Stonehill College; M.A., Fordham University

Christopher Denny, Associate Professor, B.A., St. John’s College, MD; M.A., Ph.D., Catholic University of America

Eileen Fagan, S.C., Adjunct Assistant Professor, B.A., College of Mount St. Vincent; M.A., Ph.D., Fordham University

Peggy Fanning, C.S.J., Adjunct Professor, B.A., St. Joseph’s College; M.A., Seminary of the Immaculate Conception; Ph.D., Fordham University

John Fitzgerald, Assistant Professor, B.A., Princeton University; J.D., University of Notre Dame Law School; Ph. D., The Catholic University

Patrick Flanagan, C.M., Assistant Professor, B.S., Niagara University; M.Div, Mary Immaculate Seminary; Ph.D., Loyola University

Andrea Florendo, Adjunct Instructor, B.A., M.A., St. John’s University

Dennis Gallagher, Adjunct Instructor, B.A., C.W. Post College; M.S., Fordham University; M.A., St. Michael’s College

Rev. Joseph Gibino, Adjunct Associate Professor, B.A., M.A., Gonzaga University; M.Div., M.C., Jesuit School of Theology; M.A., Ph.D., University of Rochester

Colleen Greaney, Adjunct Instructor, B.S., Rensselaer Polytechnic Institute; M.A., St. John’s University; Ph.D, Rutgers University

David W. Haddorff, Associate Professor, B.A., University of Northern Colorado; M.A., Wheaton College Graduate School, IL; Ph.D., Marquette University

James Haninan, Adjunct Instructor, B.A., Cathedral College; S.T.B., M.A., Fordham University; M.A., City University of New York

Nicholas M. Healy, Professor, G.G.S.M. (Lond.), Guildhall School of Music and Drama, London, England; M.A., University of St. Michael’s College, Toronto, Ontario, Canada; M.A., M.Phil., Ph.D., Yale University

JoAnn Heaney-Hunter, Associate Professor, B.A., M.A., St. John’s University; Ph.D., Marquette University

Fred Herron, Adjunct Instructor, B.A., St. Joseph’s College; M.A., Catholic University of America; M.S., St. John’s University

Mary Jane Kelly, O.P., Adjunct Instructor, B.S., St. Joseph’s College; M.Div., Immaculate Conception Seminary; Cand. D. Min., Graduate Theological Foundation, IN

Erin Kidd, Instructor, B.A., Gordon College; M.A., University of Notre Dame; Ph.D. (Cand.), Marquette University

Mark Kiley, Associate Professor, B.A., Boston College; Ph.D., Harvard University

Rev. James W. King, Adjunct Assistant Professor, B.S., University of Maryland; M.Div., Seminary of the Immaculate Conception; M.A., Boston College

Barbara Kosakowski, Adjunct Instructor, B.S., Fordham University; M.A., Seminary of the Immaculate Conception

Robert Lewis, Adjunct Assistant Professor, B.A., Asbury College; M.Div., Asbury Theological Seminary; Th.M., Princeton Theological Seminary; Ph.D., Fordham University

Rev. Richard Long, Adjunct Instructor, B.S., University of Kentucky; M.B.A., New York University; M.Div., Seminary of the Immaculate Conception

Marian Maskulak, CPS Associate Professor, B.S., Lock Haven University; M.S., Fordham University; S.T.L., Regis College; Ph.D., University of St. Michael’s College

Susan Mauer, Adjunct Assistant Professor, B.S., State University of New York; M.A., D.A., Ph.D., St. John’s University

Annmarie McLaughlin, Adjunct Instructor, A.B., College of the Holy Cross; M.A., Fordham University

Paul Molnar, Professor, B.A., Cathedral College of the Immaculate Conception; M.A., St. John’s University; M.Div., Immaculate Conception Seminary; Ph.D., Fordham University

Joseph Muller, Adjunct Instructor, B.A., Fordham College; M.A., St. John’s University

Mary Anne Muller, Adjunct Instructor, B.A., M.A., St. John’s University

Carole Pacula, Adjunct Assistant Professor, B.A., Adelphi University; M.A., Seminary of the Immaculate Conception

Rev. Robert Pagliari, Adjunct Associate Professor, B.A., M.Div., M.R.E., Mount St. Alphonsus College, Ph.D., University of Denver

Rabbi Mayer Perelmutter, Adjunct Associate Professor, B.A., University of Chicago; M.S.W., University of Illinois; M.H.L., D. Min., Hebrew Union College

Andrea Pinnavaia, Adjunct Instructor, B.A., M.A., St. John’s University

Barbara Pinnola, Adjunct Instructor, B.S., St. John’s University; M.A., Seminary of the Immaculate Conception

Edward Prager, Adjunct Instructor, B.A., St. John’s University; M.S. Fordham University

Christian Rada, Adjunct Instructor, B.A., M.A., St. John’s University

Habibeh Rahim, Associate Professor, B.A., University of Toronto; M.T.S., Harvard Divinity School; A.M., Ph.D., Harvard University

Robert Rivera, Assistant Professor, B.A., New York University; M.T.S., Harvard Divinity School; Ph.D., Boston College

Joseph Roach, Adjunct Instructor, B.S., Fordham University; M.A., CUNY, Brooklyn College; M.S., Fordham University

Daniel Rober, Adjunct Assistant Professor, B.A., University of Notre Dame; M.A., University of Chicago; M.Phil., Ph.D., Fordham University

Rev. Gerard Sauer, Adjunct Instructor, B.A.,
St. John’s University; M.A., M.Div. Seminary of
the Immaculate Conception

Debora Semar, Adjunct Instructor, M.A.,
St. John’s University

Rabbi Hirsch Simches, Adjunct Assistant
Professor, B.A., Harvard University; M.H.L.,
The Jewish Theological Seminary; M.A., Ph.D.,
Andover Newton Theological Seminary

Mariann Smith, Adjunct Instructor, B.A., M.A.
St. John’s University

Denis Sugrue, Assistant Professor, B.A., M.A.,
St. John’s University; M.Stud., University of
Oxford

Matthew Sutton, Associate Professor,
B.A., M.A., University of St. Thomas; Ph.D.,
Marquette University

Peter Taras, Adjunct Instructor, B.A., City
College of New York; M.A., St. John’s
University

Tenny Thomas, Adjunct Instructor, M. Phil.
University of Oxford; S.T.M., Union Theological
Seminary; Th.M., St. Vladimir’s Theological
Seminary

Julia A. Upton, R.S.M., Distinguished
Professor of Theology, B.A., Ohio Dominican
College; M.A., St. John’s University; Ph.D.,
Fordham University

Roberta K. Van Buskirk, Adjunct Assistant
Professor, B.A., Queens College; M.A., St.
John’s University

Christopher P. Vogt, Associate Professor,
B.A., College of the Holy Cross; M.T.S., Harvard
Divinity School, Harvard University; Ph.D.,
Boston College

Monserrat Washburn, Adjunct Assistant
Professor, B.S., University of Santo Thomas,
Philippines; M.S., University of the Philippines;
M.A., St. John’s University

Rev. Michael Whalen, C.M., Associate
Professor, B.A., Niagara University; M.Div.,
Th.M., Mary Immaculate Seminary; M.A.,
St. Charles Seminary; M.A., La Salle University;
S.T.L., S.T.D., Catholic University of America